

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024317.D
 Acq On : 16 Apr 2025 18:38
 Operator : RC/JU
 Sample : Q1791-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 V1207

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.305	203	207	221	rVB2	462684	796158	1.19%	0.282%
2	4.893	302	307	312	rVV	1288780	1727980	2.57%	0.612%
3	5.346	377	384	393	rVB	2419970	3683429	5.48%	1.304%
4	5.946	477	486	491	rBV2	388407	732566	1.09%	0.259%
5	6.293	540	545	549	rVV	408125	723365	1.08%	0.256%
6	6.740	611	621	625	rBV	474567	765244	1.14%	0.271%
7	6.922	643	652	665	rBV	2131005	3969288	5.91%	1.405%
8	7.193	693	698	704	rVV	5633910	8071955	12.02%	2.857%
9	7.258	704	709	714	rVV	967436	1490276	2.22%	0.527%
10	7.581	751	764	773	rBV5	460087	1448867	2.16%	0.513%
11	7.716	780	787	795	rVB3	3148471	7046627	10.49%	2.494%
12	7.805	795	802	804	rBV	4649345	8222368	12.24%	2.910%
13	7.899	810	818	825	rVB3	8179525	20144999	29.99%	7.129%
14	7.958	825	828	834	rVB	2149357	3721038	5.54%	1.317%
15	8.022	834	839	854	rVB	2842296	5203111	7.75%	1.841%
16	8.210	866	871	875	rVB	533862	748104	1.11%	0.265%
17	8.263	875	880	884	rBV	1448967	2312216	3.44%	0.818%
18	8.393	895	902	908	rBV	1987349	3039564	4.53%	1.076%
19	8.469	908	915	917	rVV2	520567	1016659	1.51%	0.360%
20	8.505	918	921	929	rVB2	696507	1219343	1.82%	0.432%
21	8.599	930	937	940	rBV	1119766	1850038	2.75%	0.655%
22	8.628	940	942	950	rVB	707490	1101990	1.64%	0.390%
23	8.775	956	967	973	rBV3	789291	2406847	3.58%	0.852%
24	8.875	974	984	993	rVV	2528141	5493519	8.18%	1.944%
25	8.952	994	997	1005	rVB2	844042	1500722	2.23%	0.531%
26	9.040	1005	1012	1017	rBV4	262503	773237	1.15%	0.274%
27	9.205	1018	1040	1044	rBV3	1208657	4181902	6.23%	1.480%
28	9.293	1050	1055	1058	rBV2	836917	1573078	2.34%	0.557%
29	9.328	1059	1061	1065	rVV	735581	821243	1.22%	0.291%
30	9.410	1065	1075	1079	rVV2	1271943	3013083	4.49%	1.066%
31	9.516	1086	1093	1104	rVB4	1003632	2489545	3.71%	0.881%
32	9.893	1150	1157	1158	rBV3	669400	1186378	1.77%	0.420%
33	9.910	1158	1160	1169	rVB	974797	1524082	2.27%	0.539%
34	10.246	1209	1217	1220	rBV4	537959	1440801	2.15%	0.510%
35	10.381	1230	1240	1244	rBV4	369112	1228368	1.83%	0.435%
36	10.499	1254	1260	1273	rVB	2064698	4850309	7.22%	1.717%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.869	1317	1323	1338	rVB5	627272	1992463	2.97%	0.705%
38	11.616	1447	1450	1455	rVB	501290	731113	1.09%	0.259%
39	11.922	1496	1502	1508	rVB	1268738	1973606	2.94%	0.698%
40	12.887	1661	1666	1671	rVB	991402	1303339	1.94%	0.461%
41	12.969	1671	1680	1687	rVB	5325752	7636785	11.37%	2.703%
42	13.175	1709	1715	1723	rBV	2315768	3262505	4.86%	1.155%
43	13.704	1800	1805	1810	rBV2	328064	685249	1.02%	0.243%
44	13.840	1825	1828	1832	rVV3	724436	1098024	1.63%	0.389%
45	13.881	1832	1835	1843	rVB	592419	836946	1.25%	0.296%
46	14.257	1894	1899	1904	rBV	1203614	1630583	2.43%	0.577%
47	14.351	1908	1915	1931	rVV2	2105125	4263718	6.35%	1.509%
48	14.710	1972	1976	1983	rBV3	549386	1164808	1.73%	0.412%
49	14.887	2002	2006	2013	rVB2	547335	759242	1.13%	0.269%
50	14.957	2014	2018	2026	rVV	633497	719207	1.07%	0.255%
51	15.228	2061	2064	2069	rVB	683842	750272	1.12%	0.266%
52	15.292	2069	2075	2079	rBV	690890	1383093	2.06%	0.489%
53	15.622	2126	2131	2134	rBV2	999518	1649972	2.46%	0.584%
54	15.740	2146	2151	2156	rVB	1071081	1399652	2.08%	0.495%
55	15.792	2156	2160	2167	rBV	552728	916340	1.36%	0.324%
56	15.869	2167	2173	2181	rVB2	4005275	5665822	8.44%	2.005%
57	16.151	2216	2221	2226	rVV2	604201	1249034	1.86%	0.442%
58	16.345	2249	2254	2258	rBV4	466791	750467	1.12%	0.266%
59	16.463	2269	2274	2277	rVV	774018	1320569	1.97%	0.467%
60	17.157	2387	2392	2399	rVV2	2100841	3069590	4.57%	1.086%
61	17.234	2401	2405	2411	rBV3	428534	747627	1.11%	0.265%
62	17.851	2506	2510	2516	rVB	621492	932788	1.39%	0.330%
63	17.981	2526	2532	2541	rVB2	809690	1800531	2.68%	0.637%
64	18.104	2547	2553	2559	rBV	6524062	8942124	13.31%	3.165%
65	18.157	2559	2562	2568	rVB	809149	1181642	1.76%	0.418%
66	19.345	2749	2764	2778	rBV	20849504	67166444	100.00%	23.770%
67	19.445	2778	2781	2787	rVV	4122144	5541899	8.25%	1.961%
68	19.516	2790	2793	2800	rVB	1058167	1539459	2.29%	0.545%
69	19.710	2823	2826	2831	rBV3	504677	702086	1.05%	0.248%
70	19.880	2851	2855	2860	rVB	5717105	7864854	11.71%	2.783%
71	20.469	2951	2955	2960	rBV3	1478199	2559027	3.81%	0.906%
72	20.563	2968	2971	2974	rBV3	607224	1005690	1.50%	0.356%
73	20.627	2978	2982	2991	rVB	3182595	4144873	6.17%	1.467%
74	21.292	3092	3095	3100	rBV	581310	969685	1.44%	0.343%
75	21.475	3123	3126	3133	rBV3	519490	940766	1.40%	0.333%
76	21.610	3145	3149	3157	rVB2	2000952	3266757	4.86%	1.156%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.904	3364	3369	3380	rVB	6513136	11306845	16.83%	4.001%
78	23.810	3521	3523	3530	rVB3	674755	852399	1.27%	0.302%
79	24.980	3716	3722	3729	rVB	1343963	3370414	5.02%	1.193%

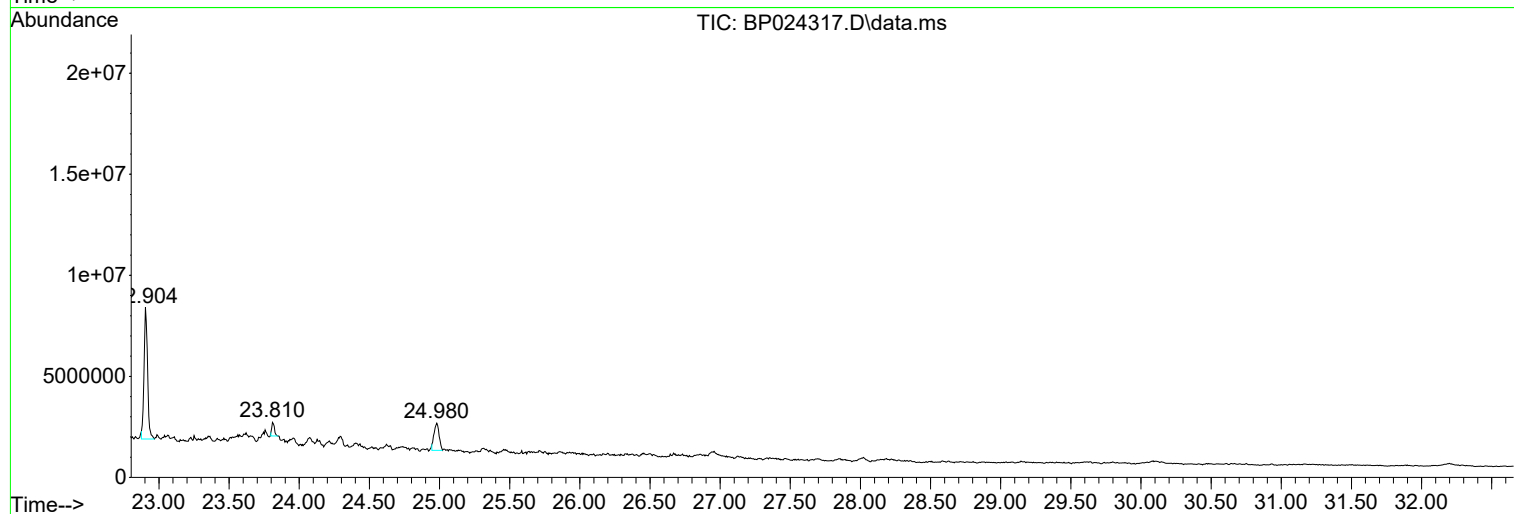
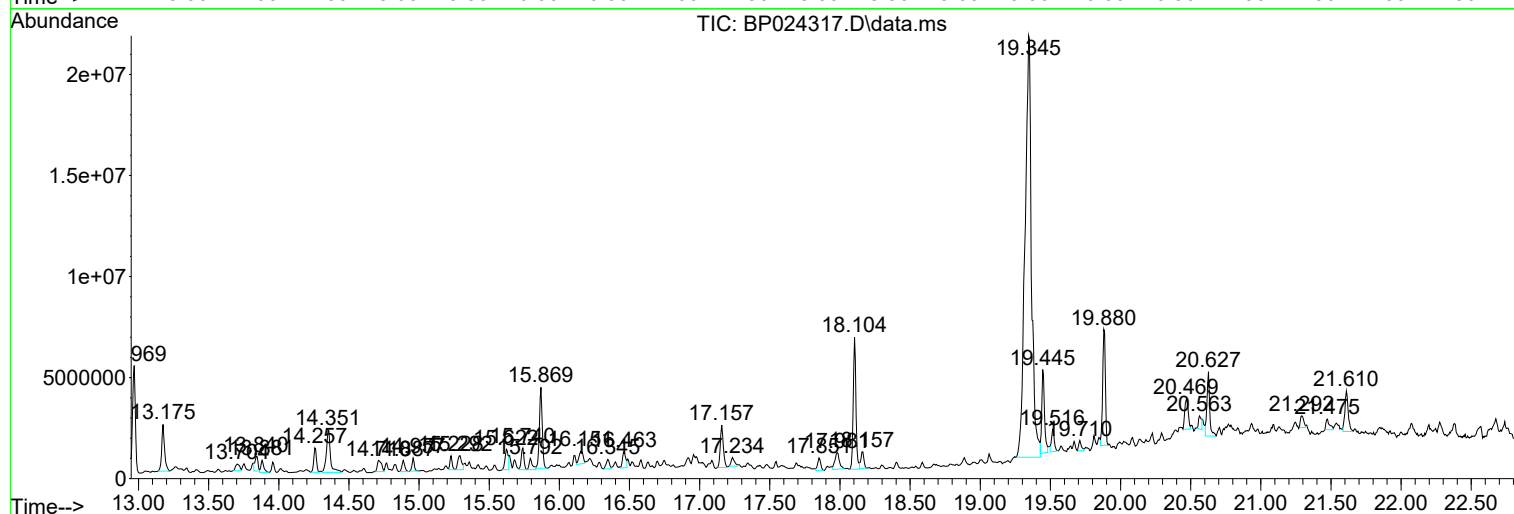
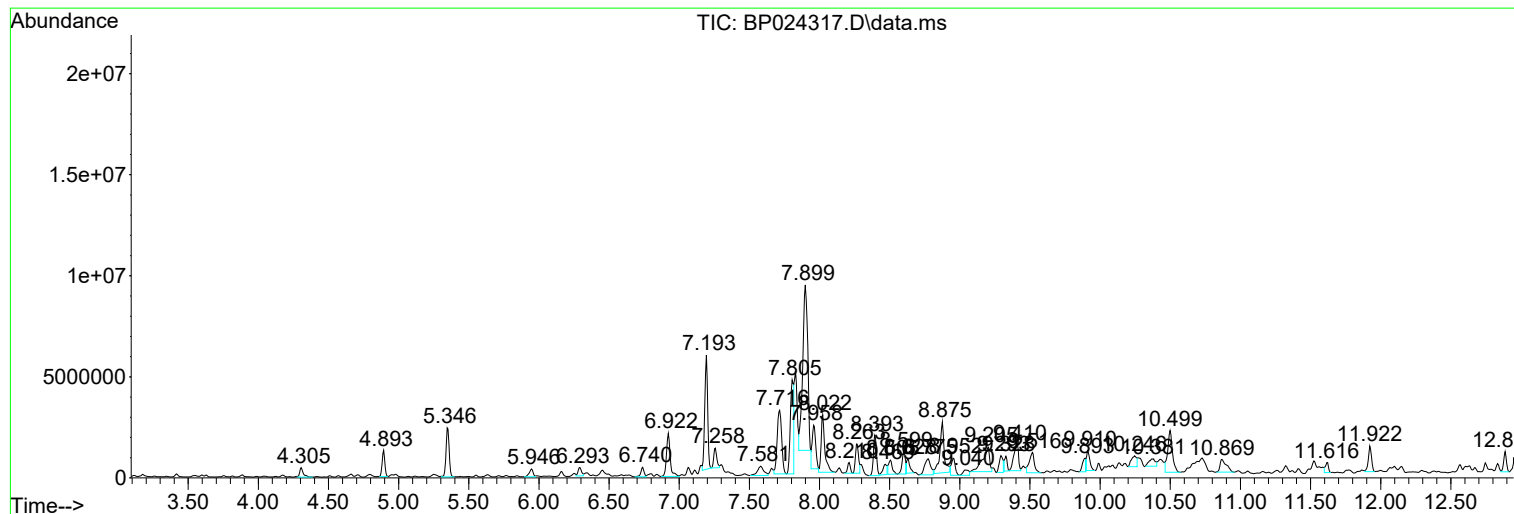
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
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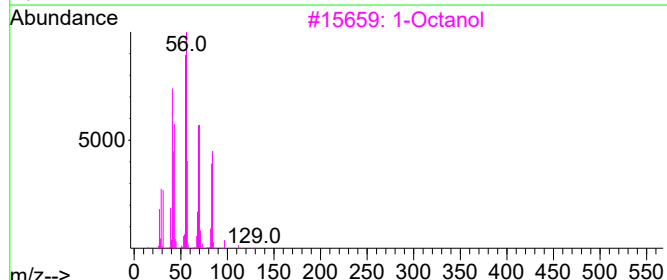
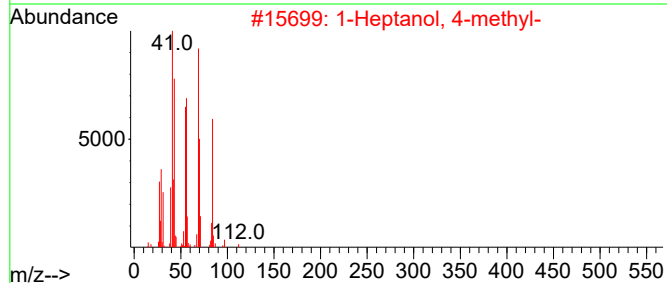
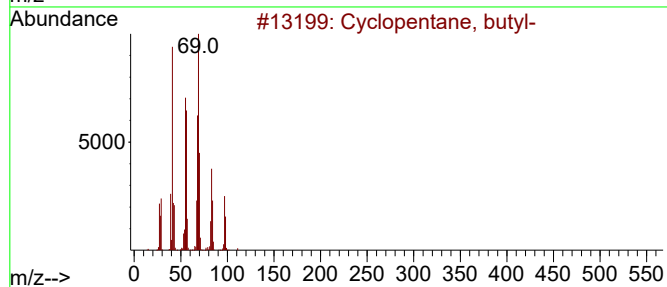
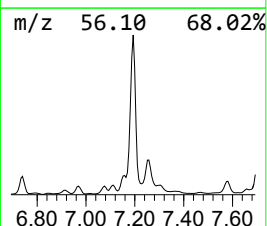
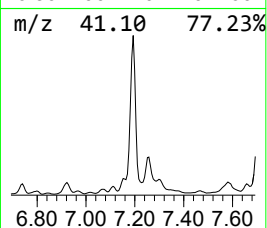
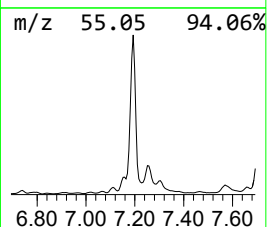
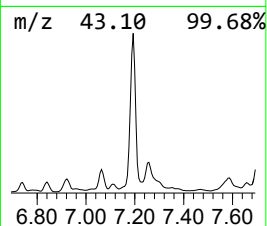
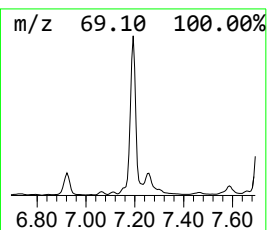
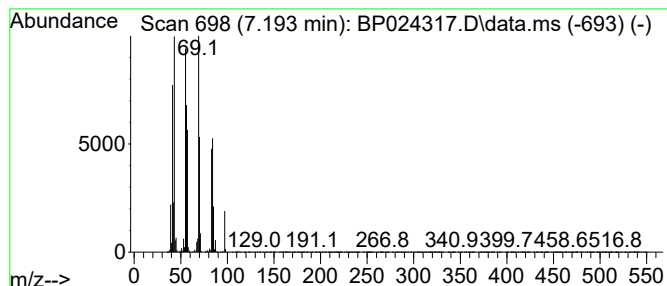
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclopentane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.193	22.91 ng	8071960	1,4-Dichlorobenzene-d4	7.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	56
2			1-Heptanol, 4-methyl-	130	C8H18O	000817-91-4	53
3			1-Octanol	130	C8H18O	000111-87-5	47
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
5			Cyclododecane	168	C12H24	000294-62-2	47



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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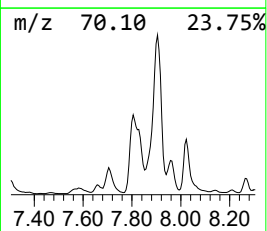
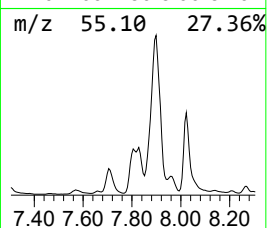
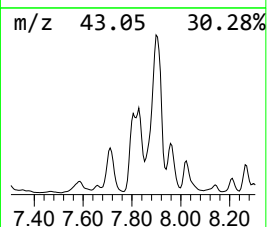
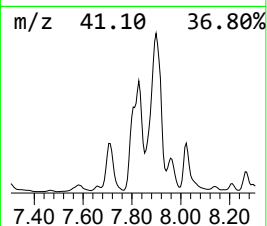
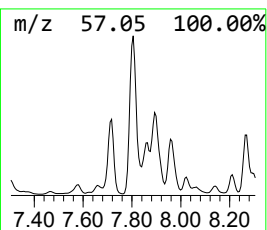
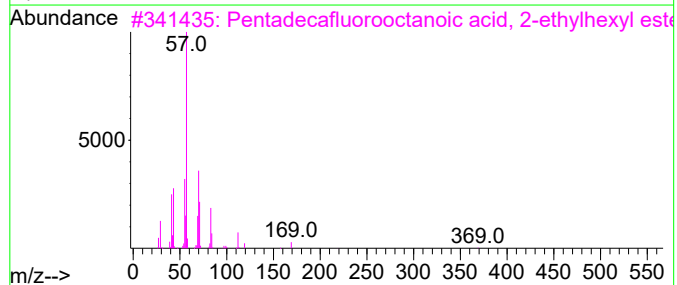
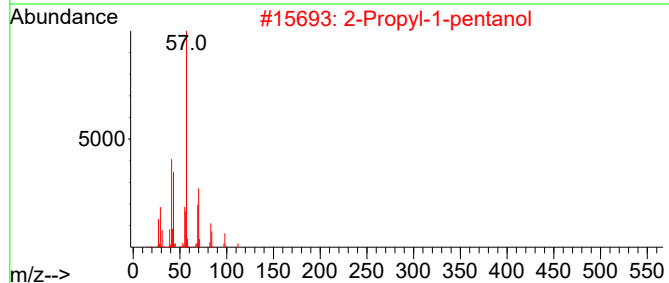
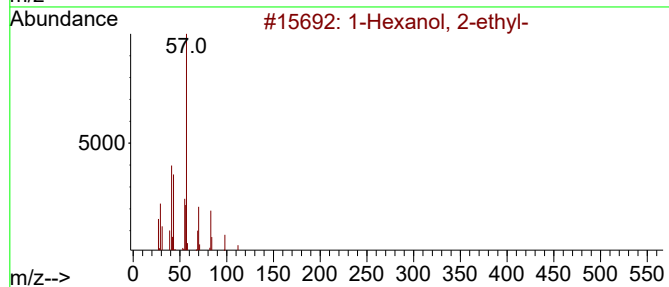
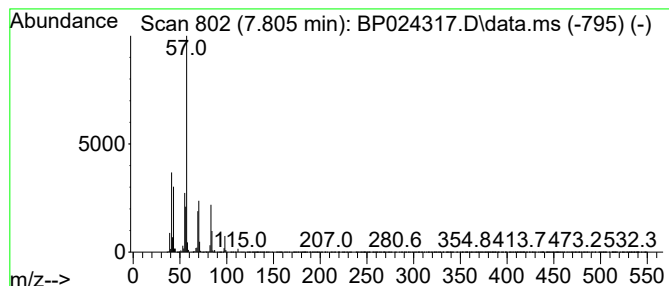
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.805	23.34 ng	8222370	1,4-Dichlorobenzene-d4	7.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol			130	C8H18O	058175-57-8	59
3	Pentadecafluorooctanoic acid, 2-...			526	C16H17F15O2	1000406-80-9	53
4	1-Pentanol, 2-ethyl-4-methyl-			130	C8H18O	000106-67-2	50
5	2-Ethyl-1-hexanol, methyl ether			144	C9H20O	1000365-10-2	50



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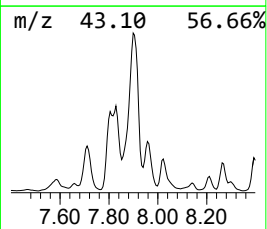
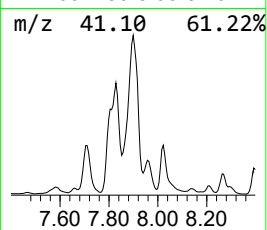
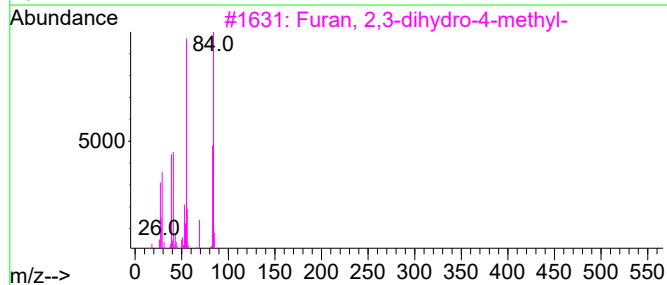
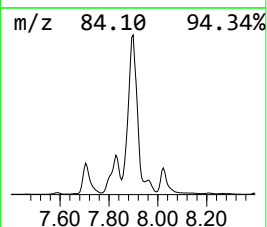
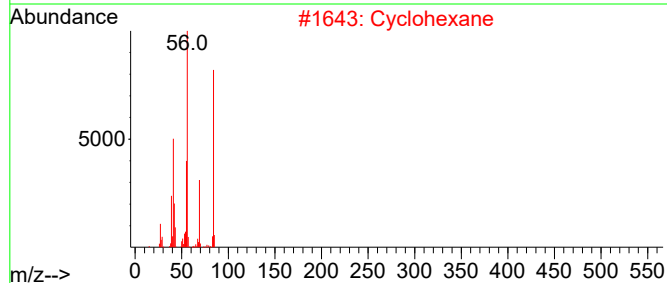
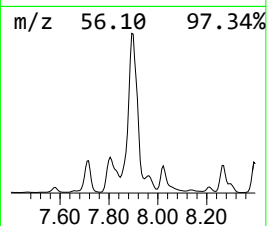
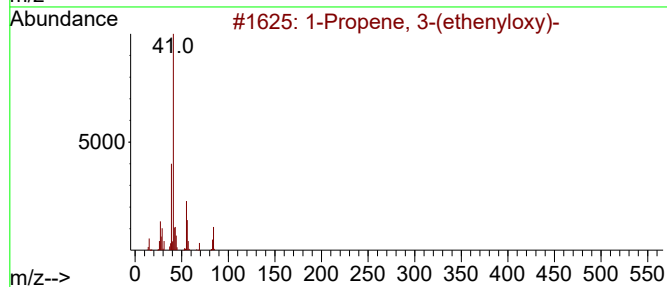
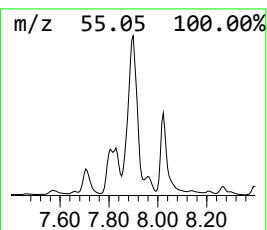
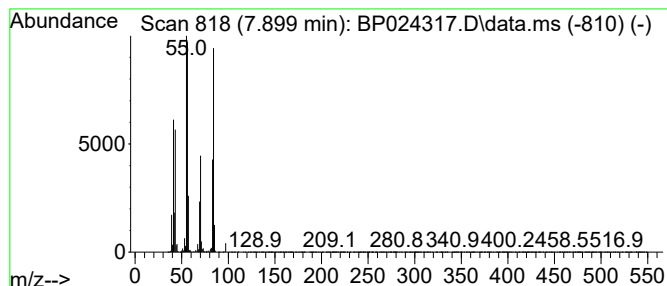
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.899 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.899	57.18 ng	20145000	1,4-Dichlorobenzene-d4	7.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(ethenyloxy)-		84	C5H8O		003917-15-5	49
2	Cyclohexane		84	C6H12		000110-82-7	47
3	Furan, 2,3-dihydro-4-methyl-		84	C5H8O		034314-83-5	46
4	Cyclopentane, 1,2-dimethyl-, trans-		98	C7H14		000822-50-4	38
5	1-Hexene, 5-methyl-		98	C7H14		003524-73-0	32



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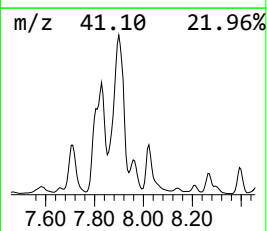
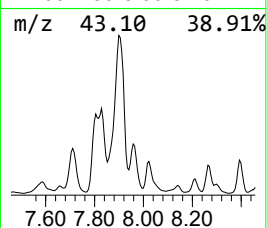
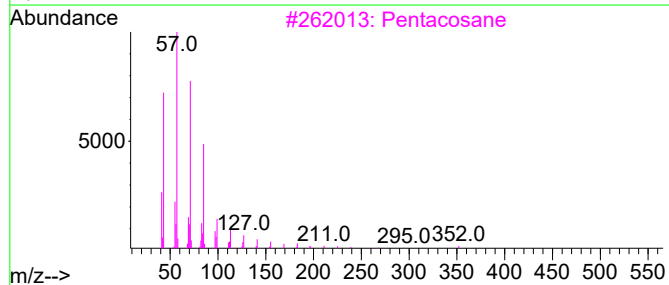
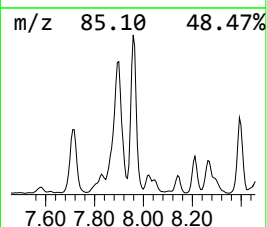
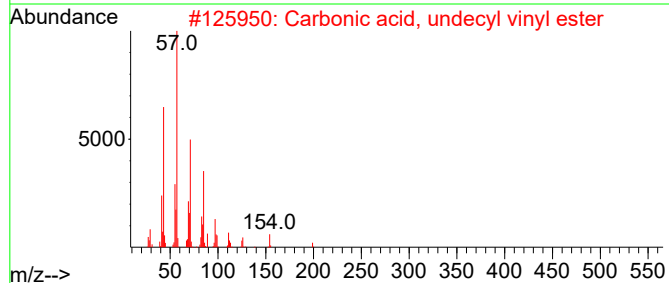
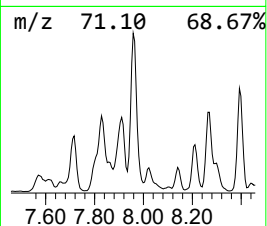
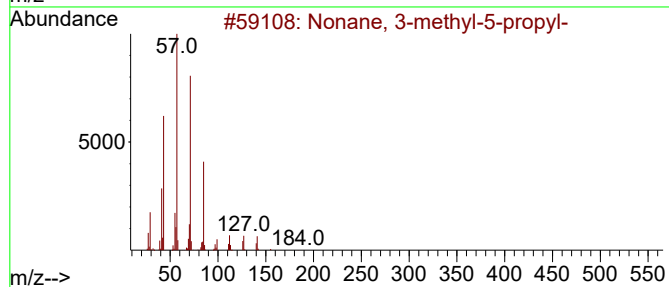
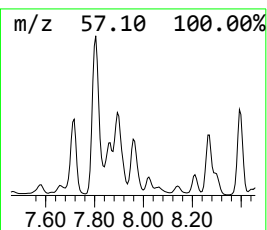
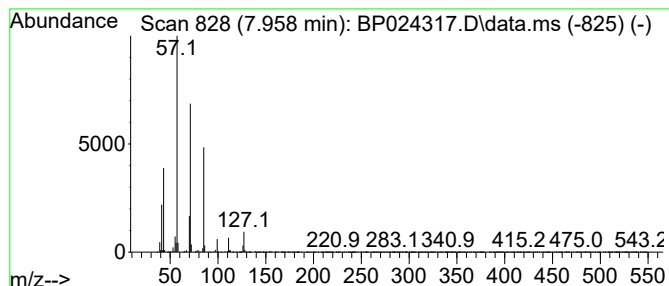
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3-methyl-5-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.958	10.56 ng	3721040	1,4-Dichlorobenzene-d4	7.728

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	74
2		Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	72
3		Pentacosane	352	C25H52	000629-99-2	64
4		Decane, 3-methyl-	156	C11H24	013151-34-3	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
V1207

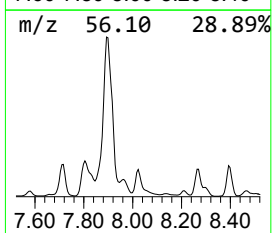
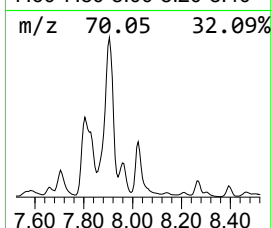
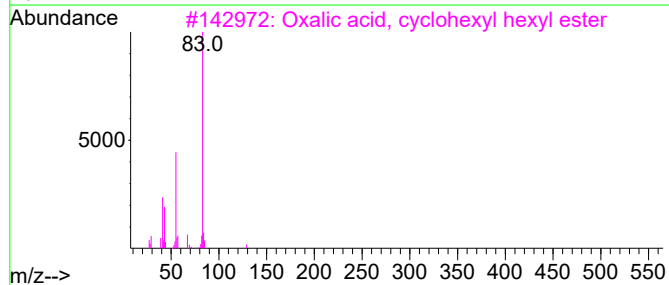
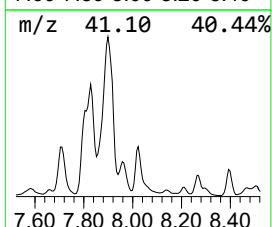
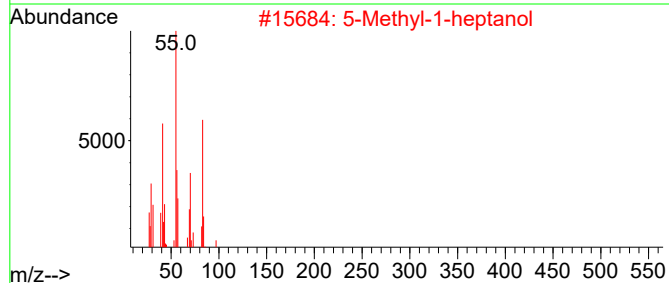
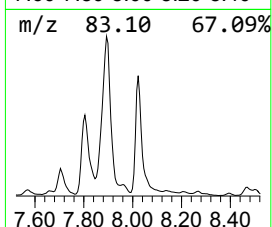
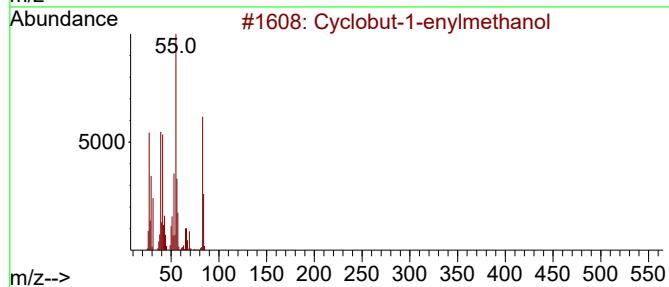
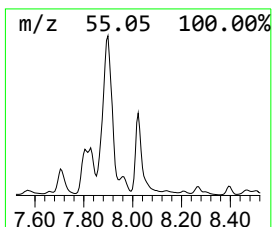
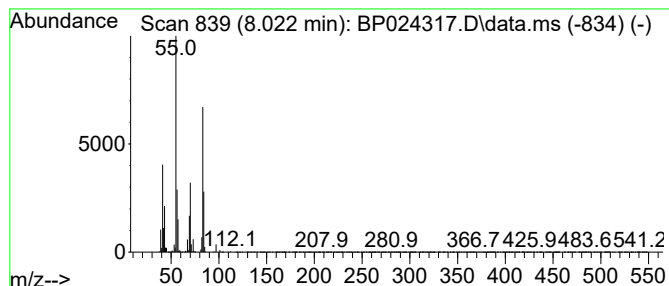
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclobut-1-enylmethanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	14.77 ng	5203110	1,4-Dichlorobenzene-d4	7.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobut-1-enylmethanol	84	C5H8O	089182-08-1	59
2			5-Methyl-1-heptanol	130	C8H18O	007212-53-5	50
3			Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	47
4			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	45
5			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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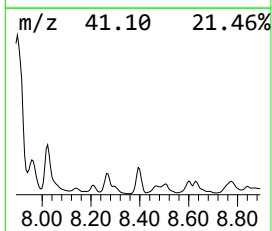
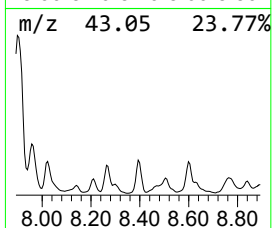
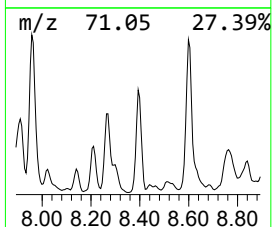
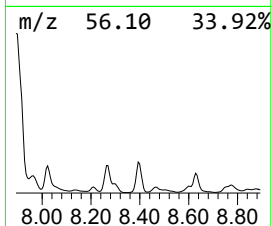
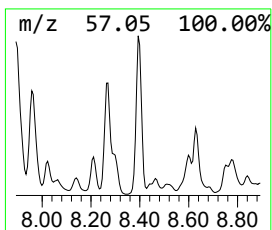
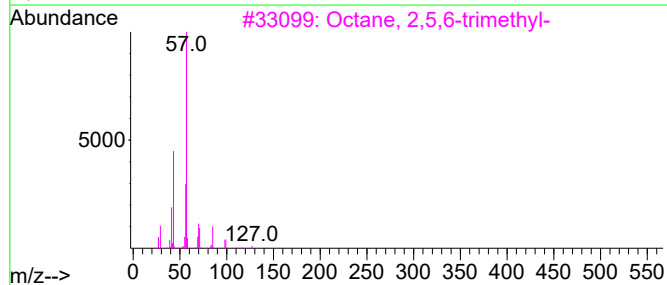
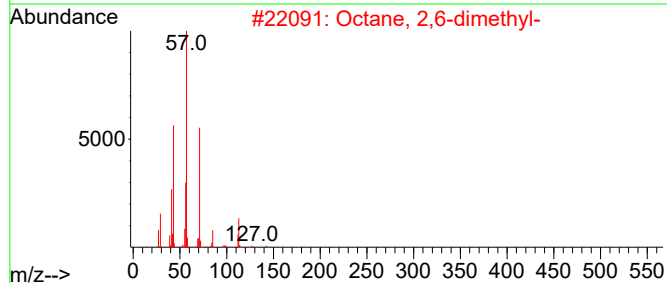
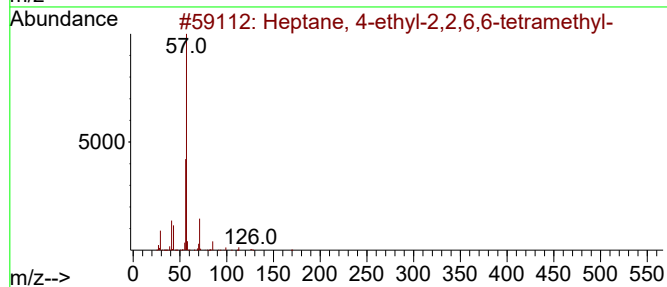
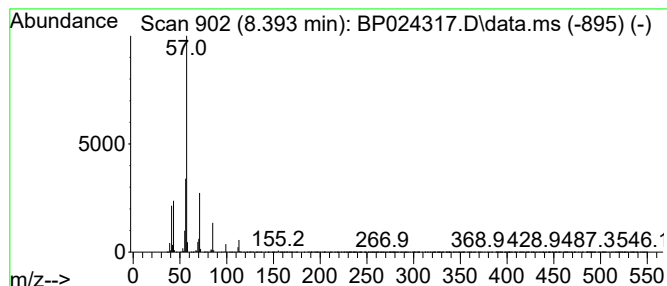
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.393	8.63 ng	3039560	1,4-Dichlorobenzene-d4	7.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53
4			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
5			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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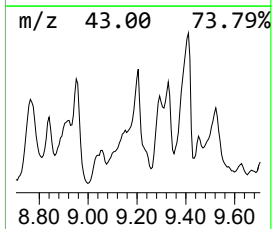
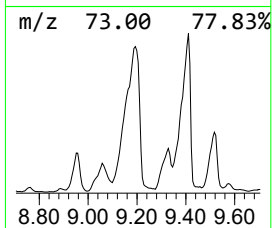
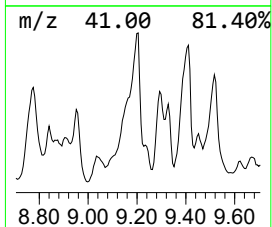
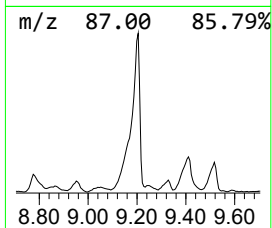
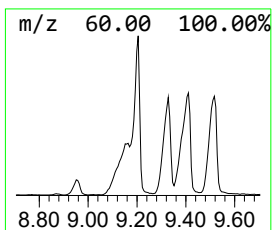
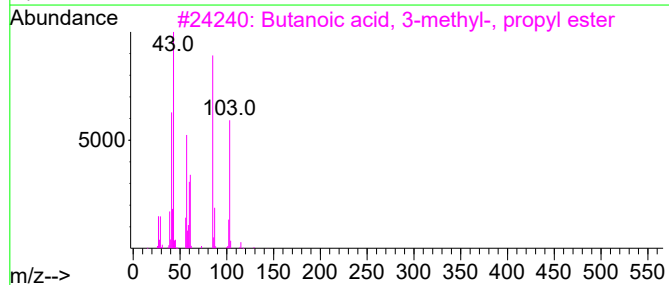
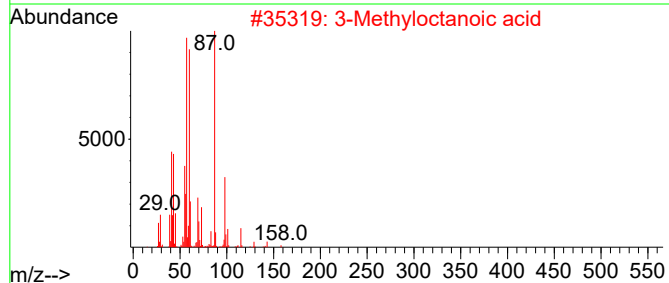
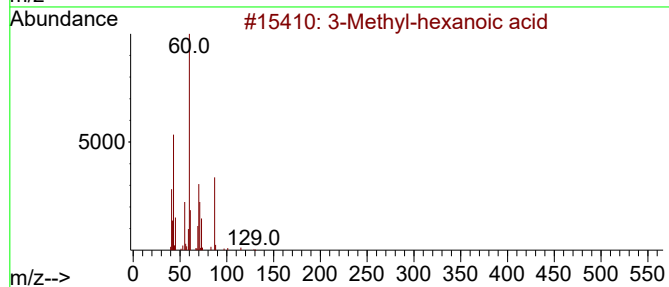
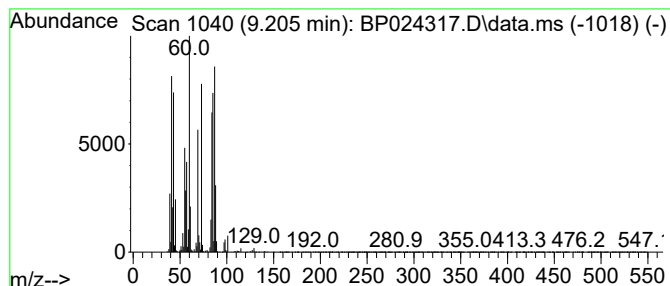
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.205 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.205	17.24 ng	4181900	Naphthalene-d8	10.499

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	47
2			3-Methyloctanoic acid	158	C9H18O2	006061-10-5	37
3			Butanoic acid, 3-methyl-, propyl...	144	C8H16O2	000557-00-6	25
4			Pentanoic acid, propyl ester	144	C8H16O2	000141-06-0	22
5			2-[2-(2-Butoxyethoxy)ethoxy]ethy...	248	C12H24O5	1000351-94-1	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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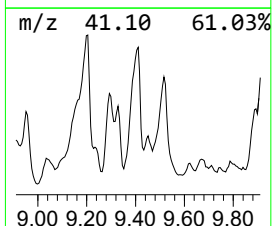
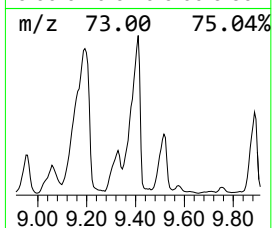
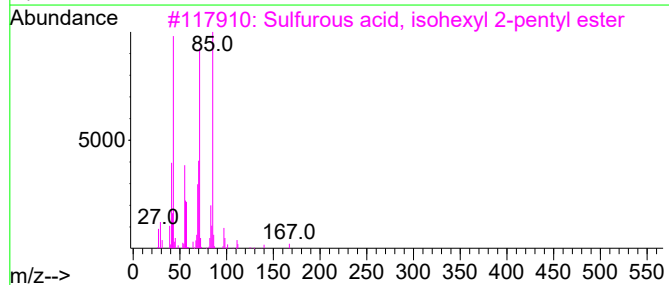
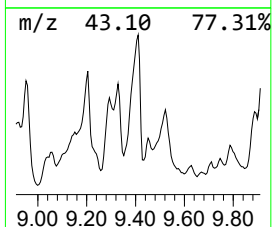
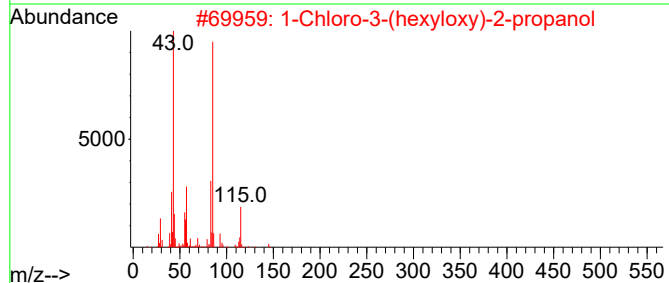
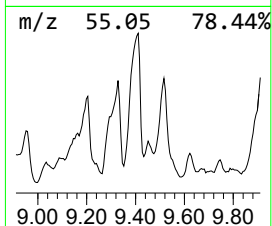
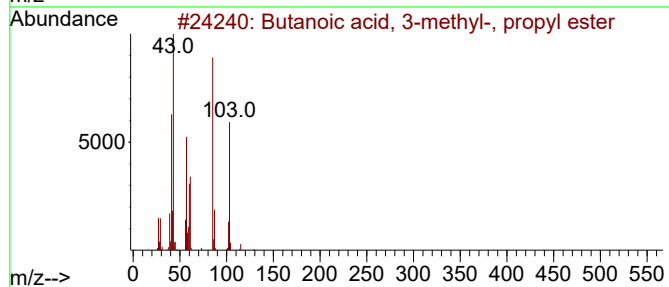
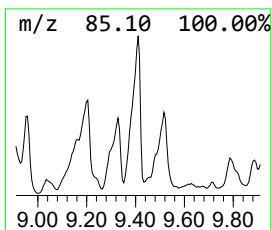
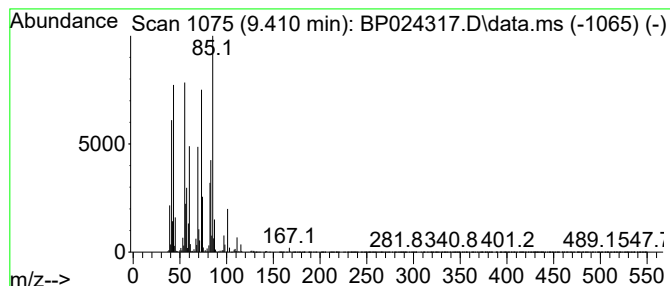
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown9.410 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	12.42 ng	3013080	Naphthalene-d8	10.499

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-, propyl...	144	C8H16O2	000557-00-6	35
2			1-Chloro-3-(hexyloxy)-2-propanol	194	C9H19ClO2	016224-24-1	35
3			Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	27
4			Heptanedioic acid	160	C7H12O4	000111-16-0	27
5			Heptane, 2-(hexyloxy)-	200	C13H28O	074663-79-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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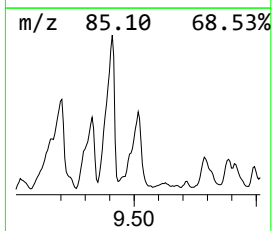
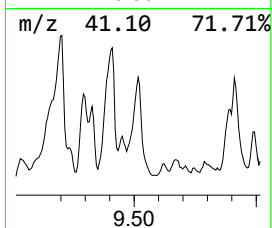
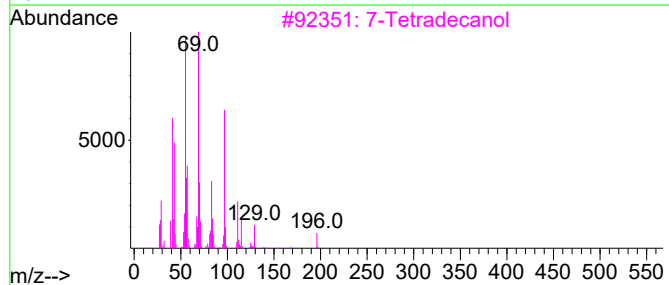
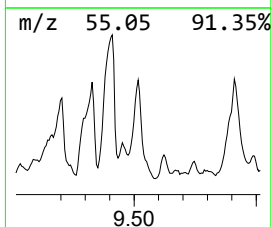
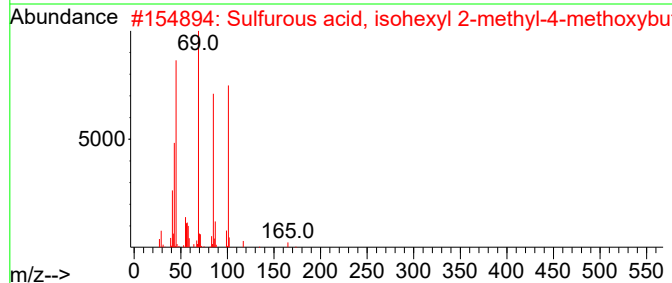
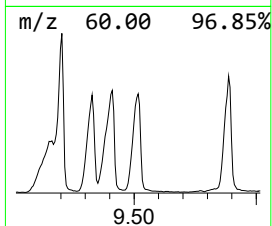
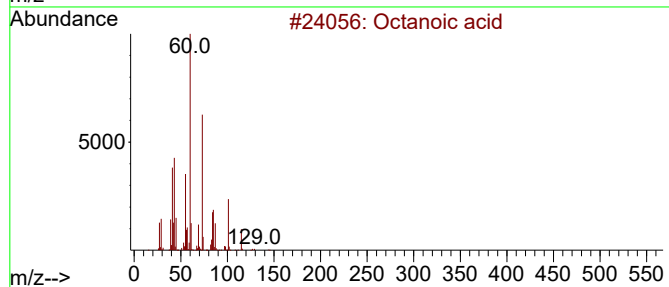
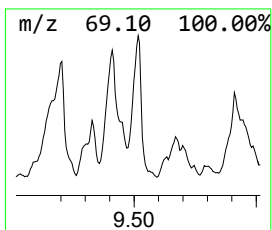
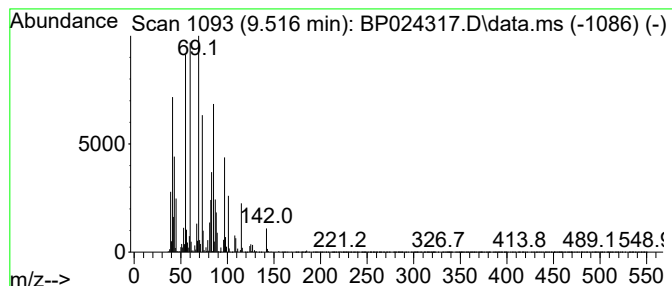
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.516 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	10.27 ng	2489550	Naphthalene-d8	10.499

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid	144	C8H16O2	000124-07-2	30
2			Sulfurous acid, isohexyl 2-methy...	266	C12H26O4S	1010309-20-5	25
3			7-Tetradecanol	214	C14H30O	003981-79-1	25
4			7-Ethyl-2-undecen-6-one	196	C13H24O	1000374-14-9	22
5			3-Hexenoic acid, ethyl ester, (E)-	142	C8H14O2	026553-46-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
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Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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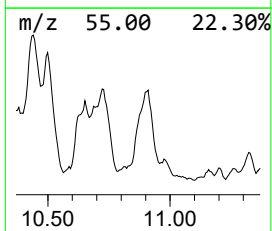
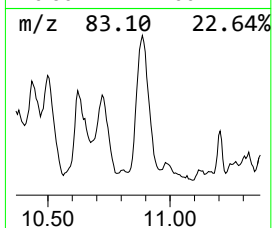
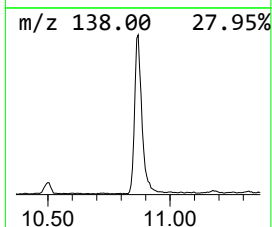
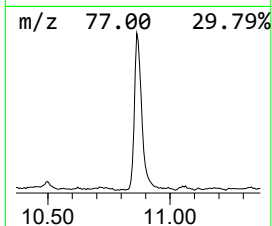
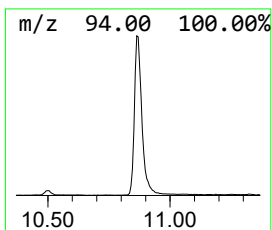
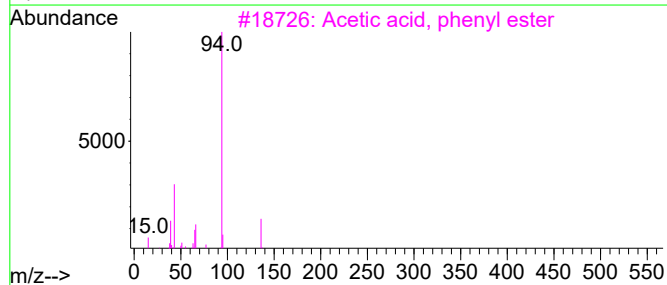
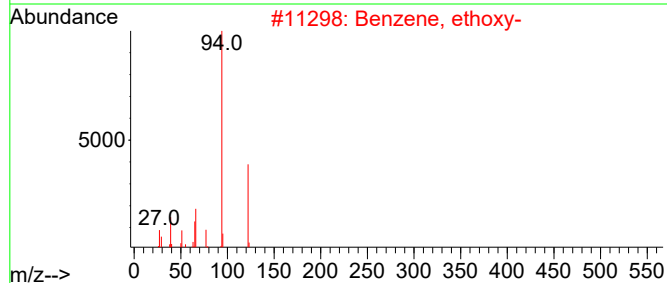
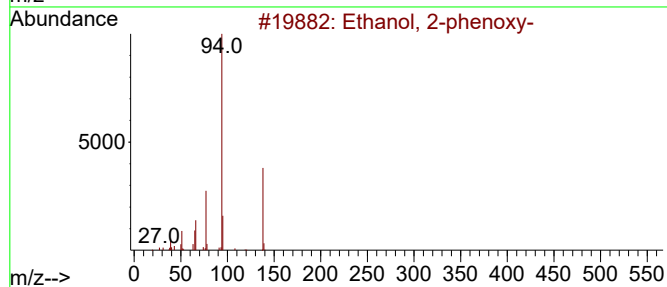
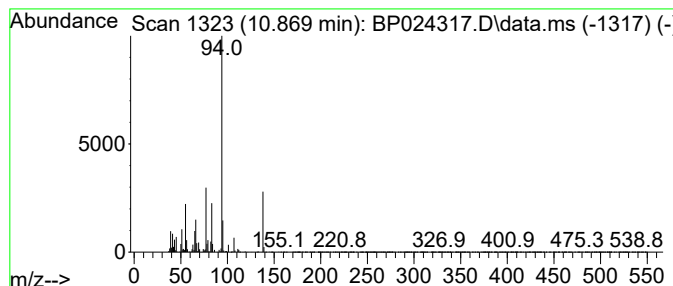
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Ethanol, 2-phenoxy- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	8.22 ng	1992460	Naphthalene-d8	10.499

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	91
2			Benzene, ethoxy-	122	C8H10O	000103-73-1	47
3			Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	47
4			2-Pyridinecarboxylic acid, 3-amino-	138	C6H6N2O2	001462-86-8	47
5			Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
V1207

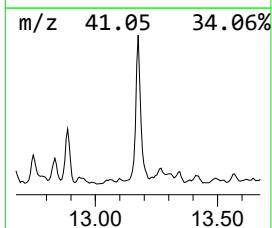
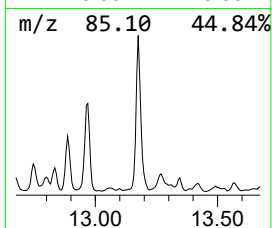
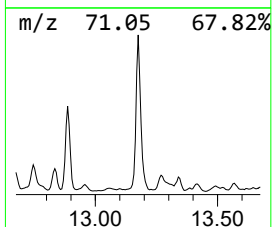
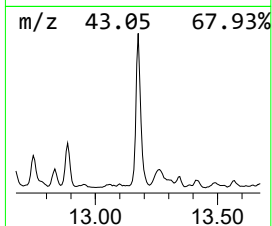
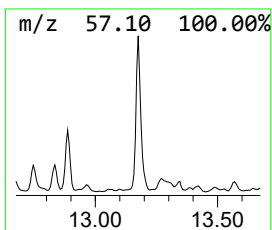
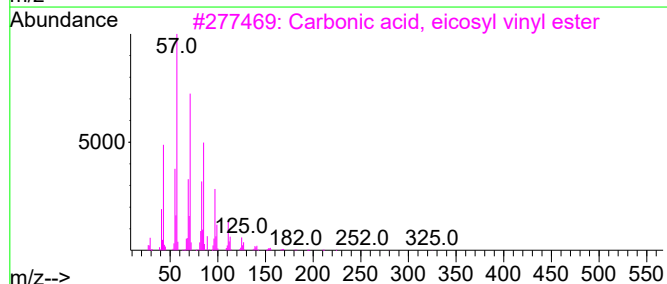
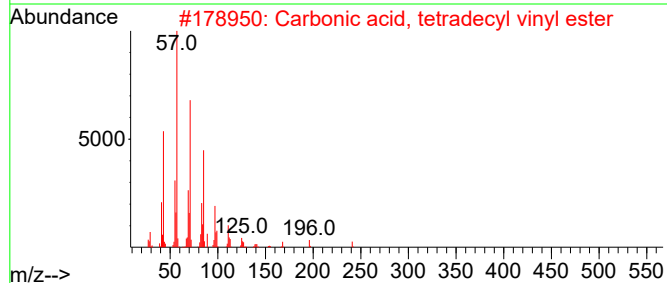
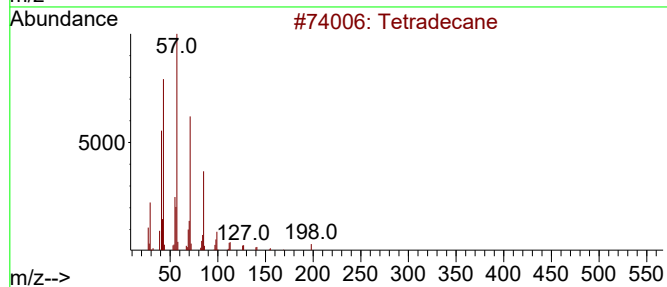
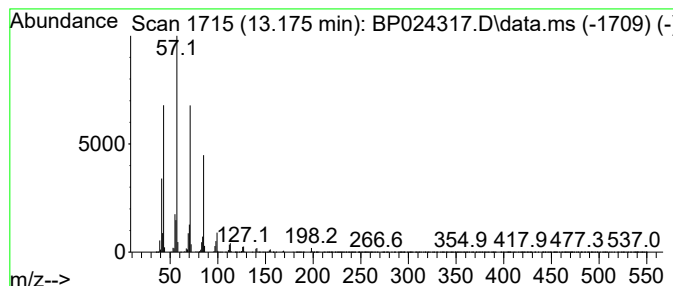
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	15.30 ng	3262510	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

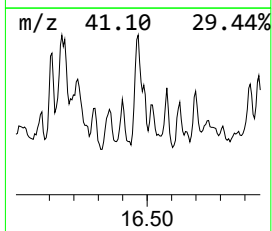
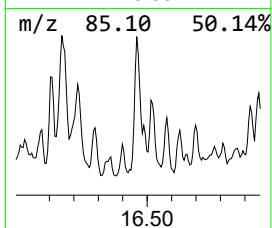
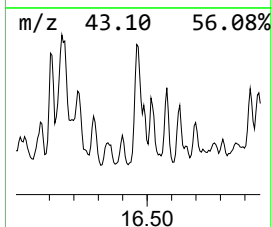
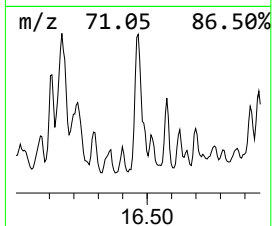
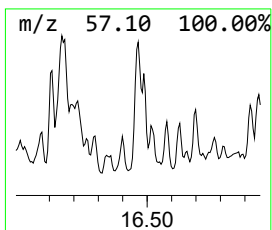
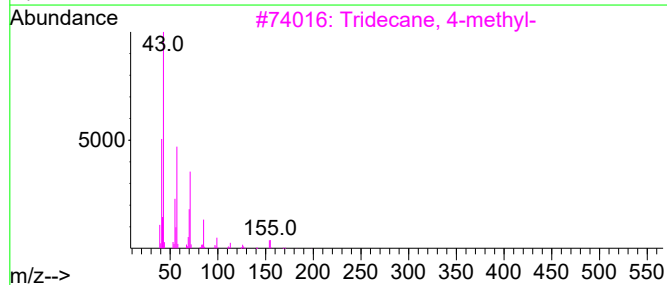
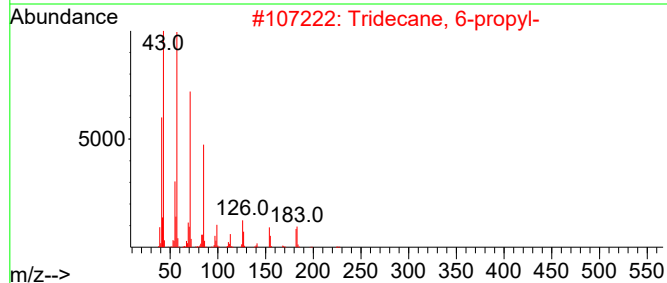
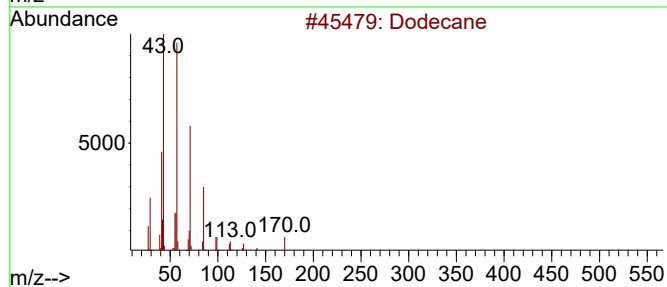
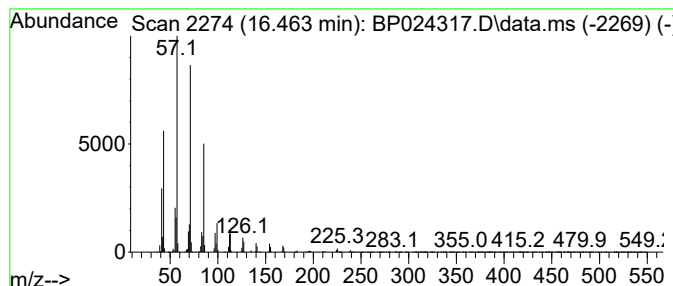
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.463	8.60 ng	1320570	Phenanthrene-d10		17.157	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	93
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	87
3	Tridecane, 4-methyl-		198	C14H30	026730-12-1	86
4	Hexadecane, 5-butyl-		282	C20H42	006912-07-8	80
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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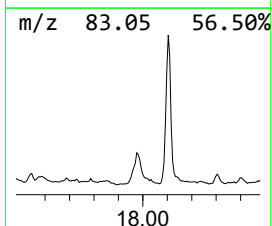
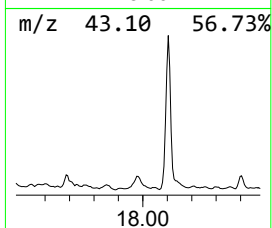
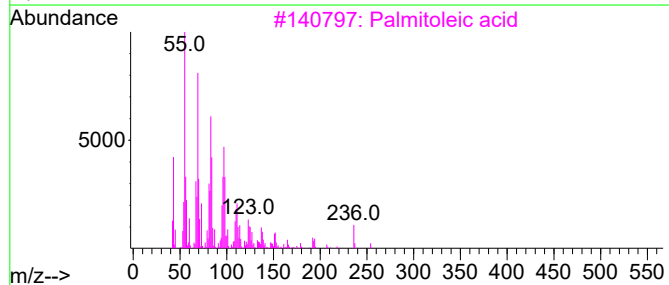
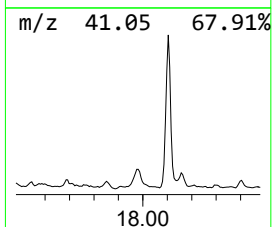
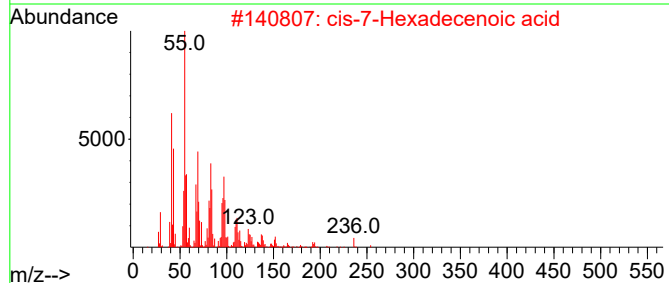
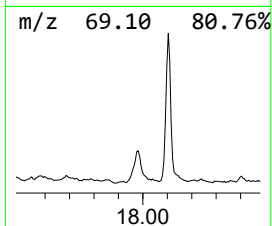
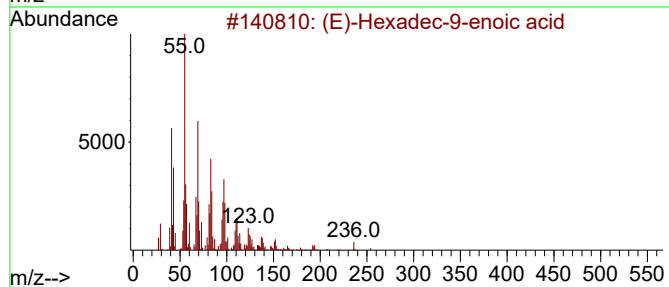
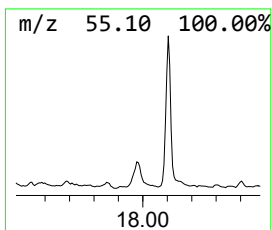
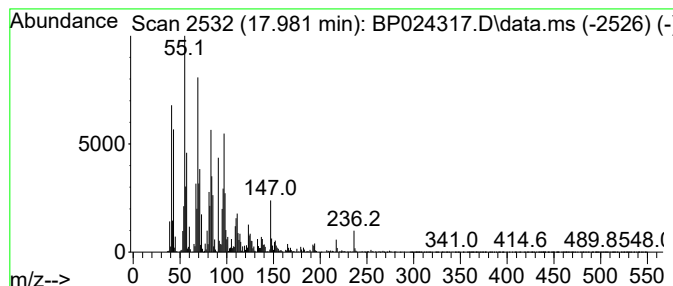
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (E)-Hexadec-9-enoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.981	11.73 ng	1800530	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	96
2			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	94
3			Palmitoleic acid	254	C16H30O2	000373-49-9	90
4			Z-7-Pentadecenol	226	C15H30O	1010130-76-6	70
5			Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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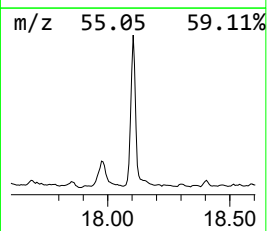
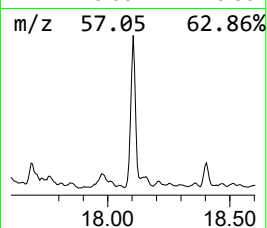
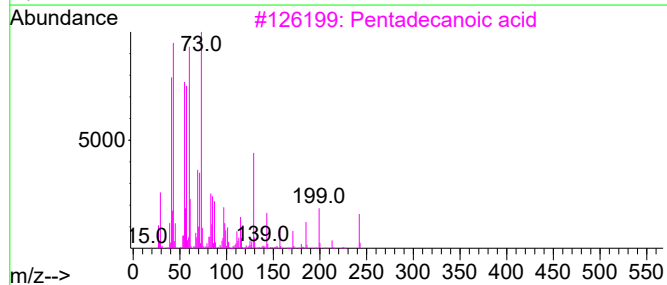
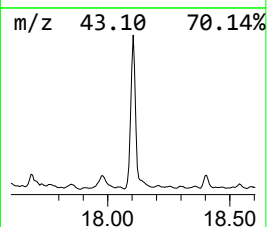
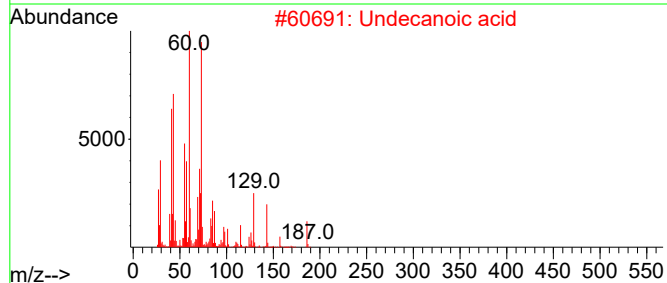
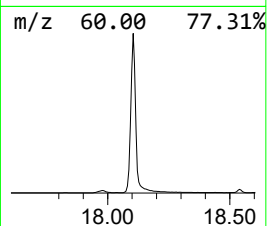
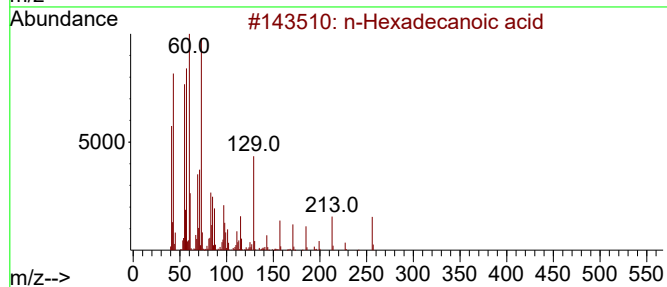
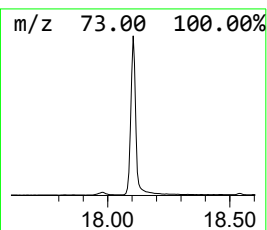
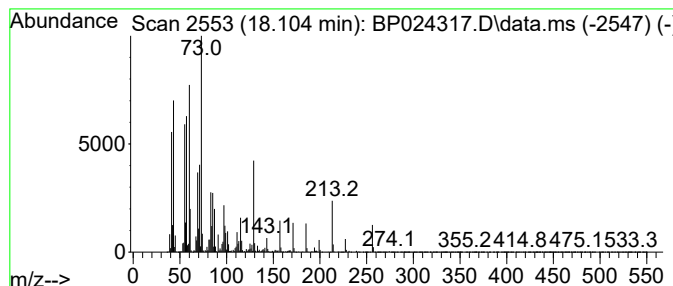
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	58.26 ng	8942120	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Undecanoic acid	186	C11H22O2	000112-37-8	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
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Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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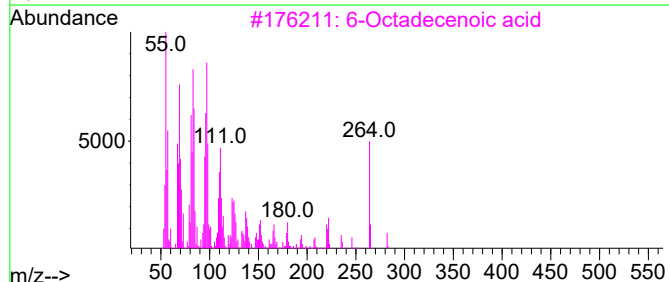
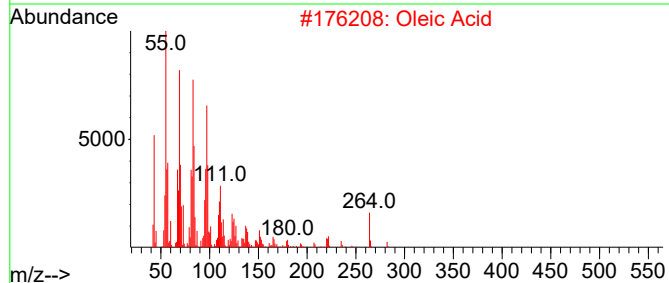
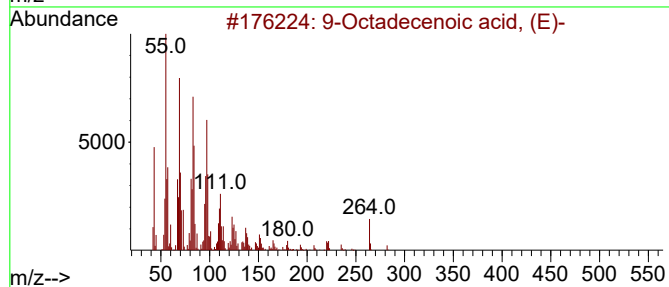
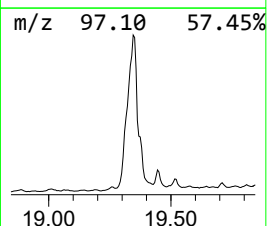
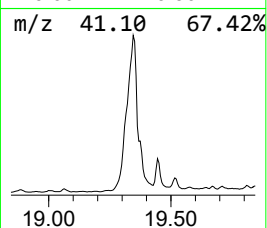
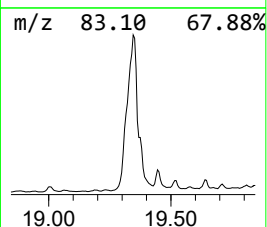
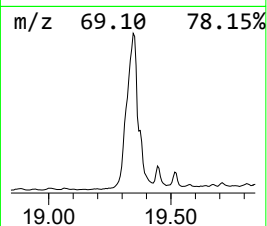
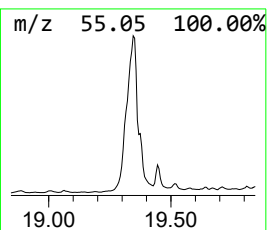
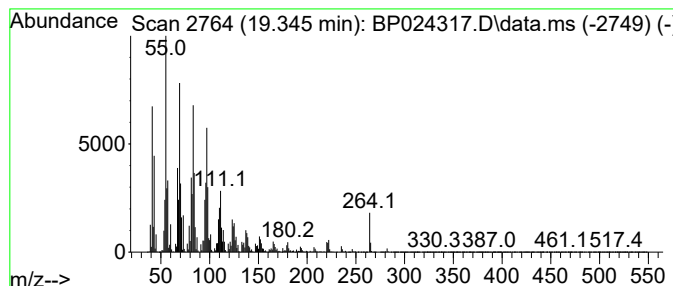
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9-Octadecenoic acid, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	437.63 ng	67166400	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2			Oleic Acid	282	C18H34O2	000112-80-1	96
3			6-Octadecenoic acid	282	C18H34O2	1000336-66-8	95
4			cis-Vaccenic acid	282	C18H34O2	000506-17-2	95
5			9-Octadecenoic acid	282	C18H34O2	002027-47-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
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Sample : Q1791-12
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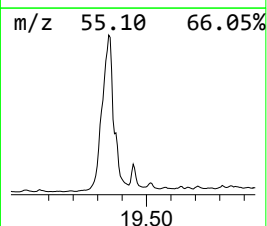
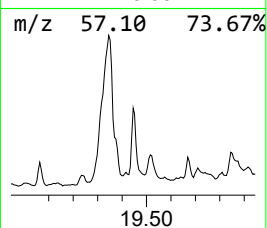
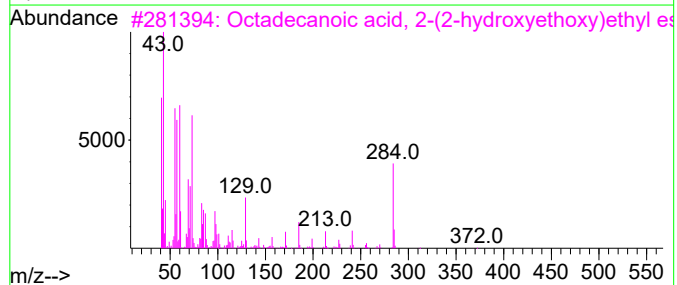
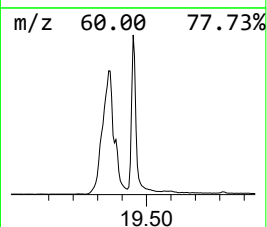
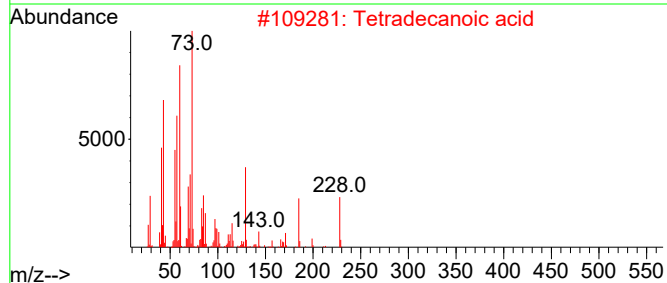
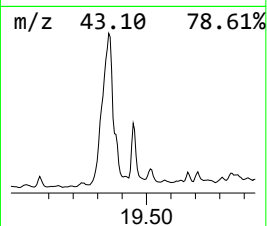
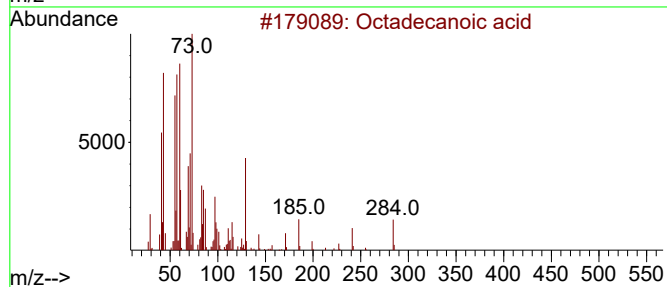
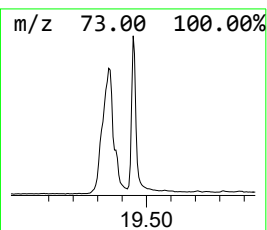
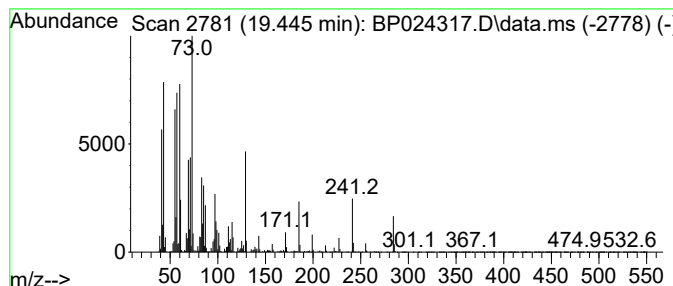
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.445	33.93 ng	5541900	Chrysene-d12		21.610	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	87
3	Octadecanoic acid, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	72
4	n-Decanoic acid		172	C10H20O2	000334-48-5	62
5	Decanoic acid, silver(1+) salt		278	C10H19AgO2	013126-67-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
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Sample : Q1791-12
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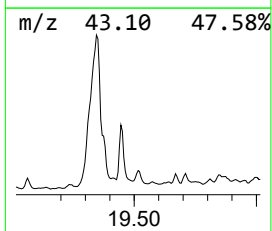
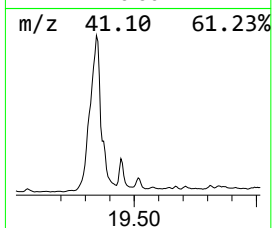
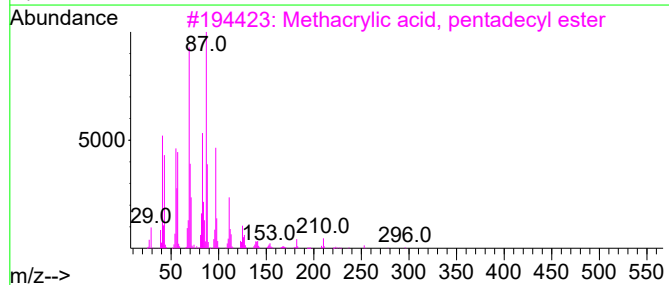
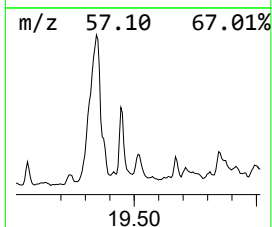
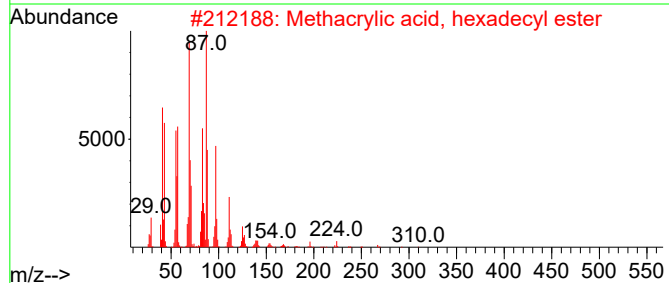
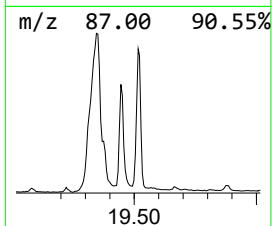
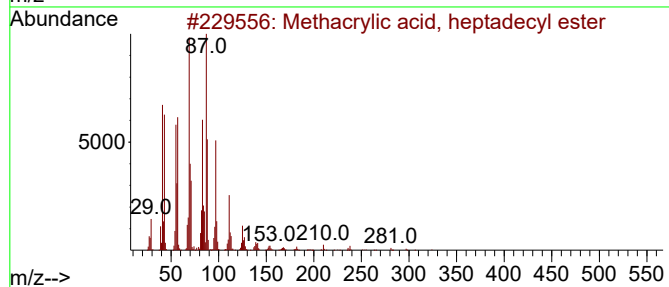
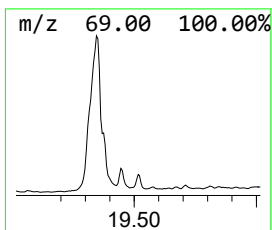
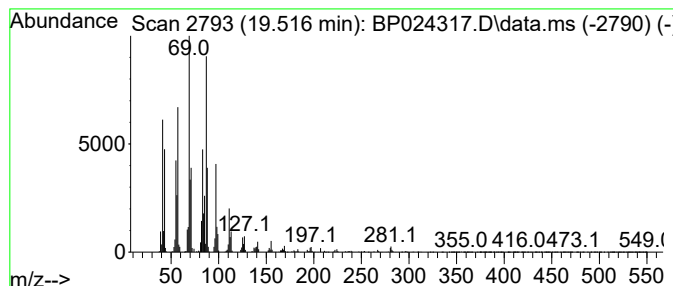
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Methacrylic acid, heptadecy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	9.43 ng	1539460	Chrysene-d12	21.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methacrylic acid, heptadecyl ester	324	C21H40O2	1010340-29-3	96
2			Methacrylic acid, hexadecyl ester	310	C20H38O2	1000340-29-2	95
3			Methacrylic acid, pentadecyl ester	296	C19H36O2	1000340-29-1	90
4			n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	62
5			9-Eicosene, (E)-	280	C20H40	074685-29-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

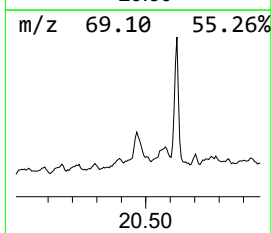
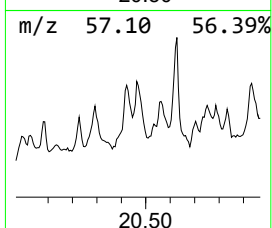
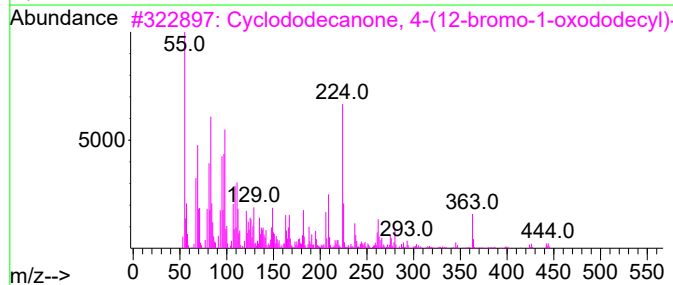
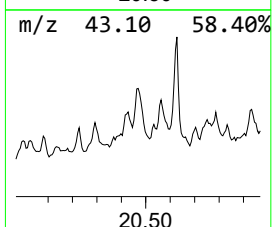
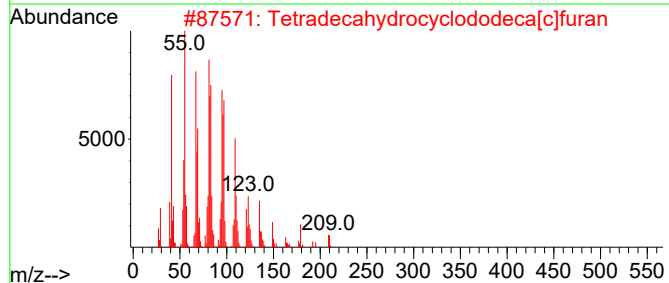
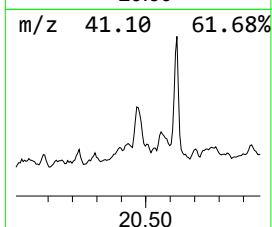
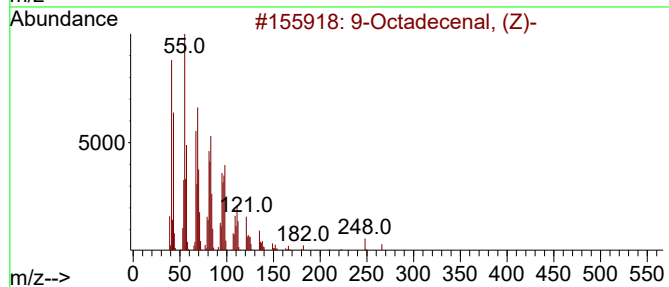
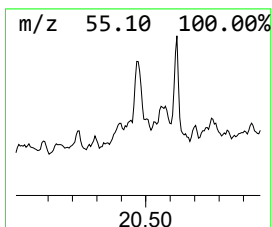
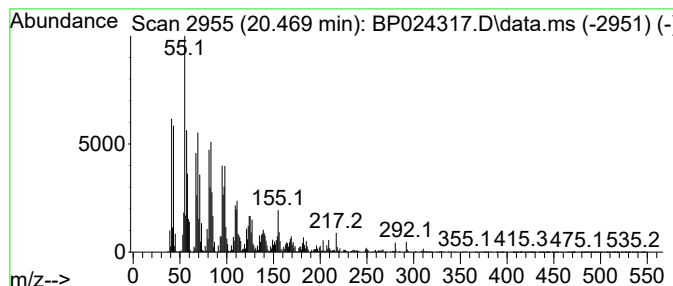
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9-Octadecenal, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.469	15.67 ng	2559030	Chrysene-d12		21.610	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9-Octadecenal, (Z)-		266	C18H34O	002423-10-1	76
2	Tetradecahydrocyclohexadeca[c]furan		210	C14H26O	042824-62-4	64
3	Cyclododecanone, 4-(12-bromo-1-o...		442	C24H43BrO2	1000115-85-0	64
4	cis-11-Eicosenoic acid		310	C20H38O2	005561-99-9	64
5	E-8-Octadecacene-1-ol acetate		310	C20H38O2	002195-90-6	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
V1207

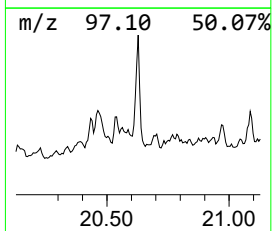
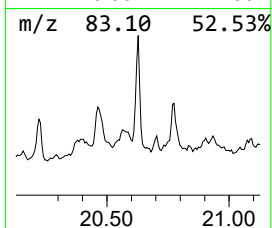
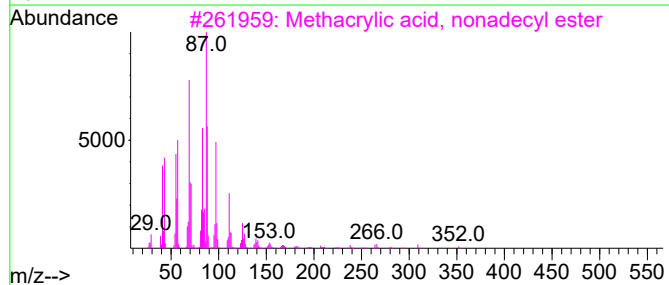
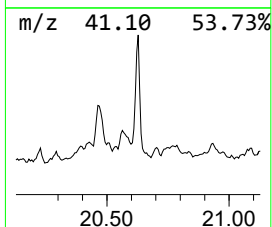
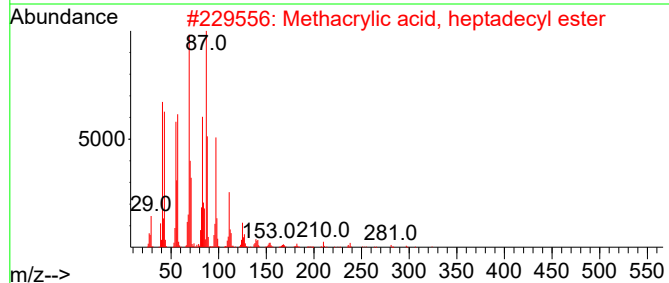
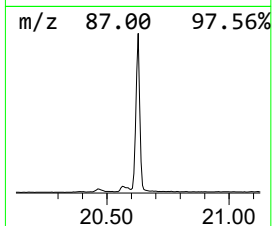
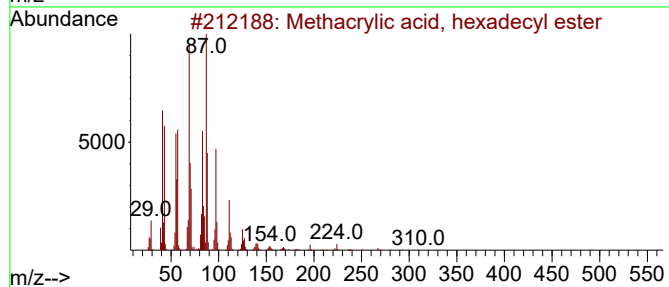
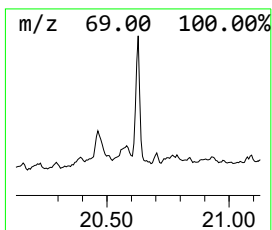
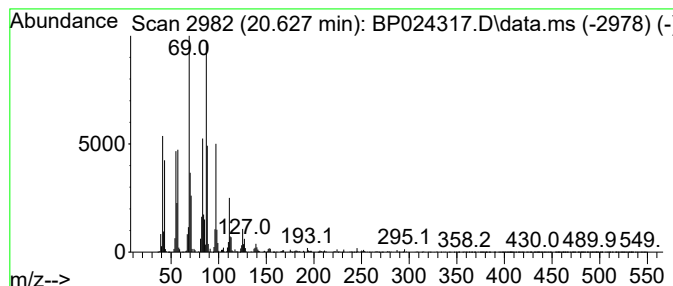
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Methacrylic acid, hexadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.628	25.38 ng	4144870	Chrysene-d12	21.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methacrylic acid, hexadecyl ester	310	C20H38O2	1000340-29-2	91
2			Methacrylic acid, heptadecyl ester	324	C21H40O2	1010340-29-3	91
3			Methacrylic acid, nonadecyl ester	352	C23H44O2	1000340-29-5	81
4			n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	80
5			Octadecyl methacrylate	338	C22H42O2	000112-08-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

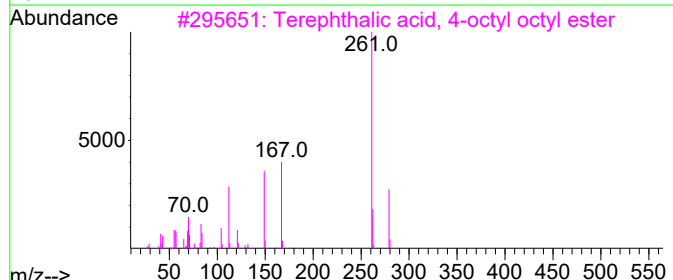
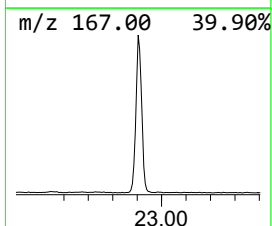
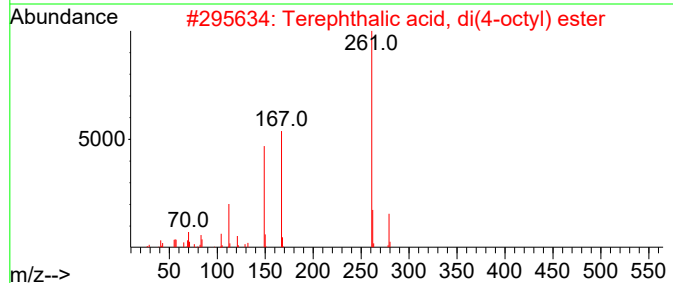
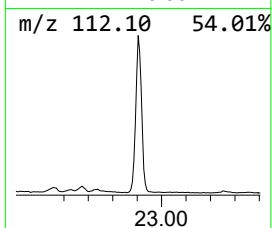
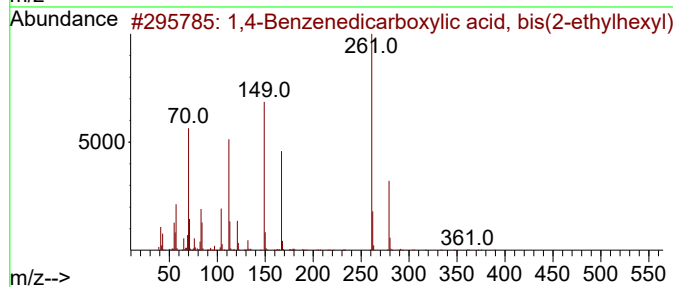
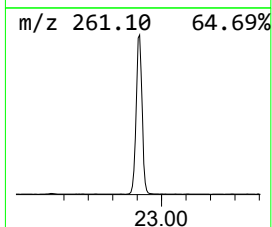
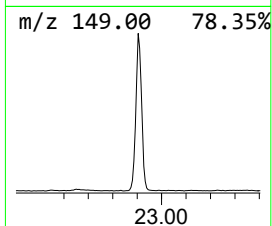
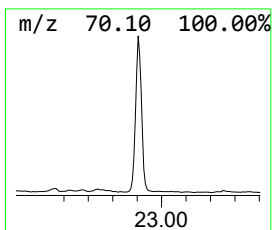
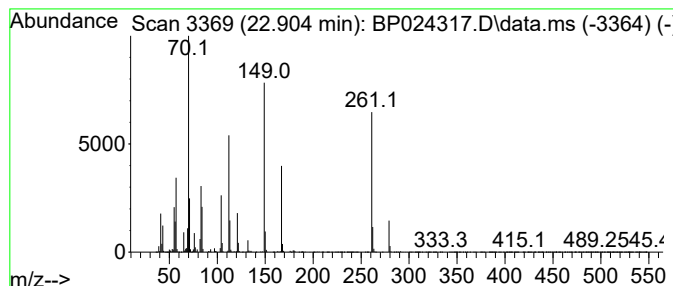
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,4-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.904	69.22 ng	11306800	Chrysene-d12	21.610	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	81
3	Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	68
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	64
5	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024317.D
Acq On : 16 Apr 2025 18:38
Operator : RC/JU
Sample : Q1791-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
V1207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentane, b...	7.193	22.9	ng	8071960	1	7.728	7046630	20.0
1-Hexanol, 2-et...	7.805	23.3	ng	8222370	1	7.728	7046630	20.0
unknown7.899	7.899	57.2	ng	20145000	1	7.728	7046630	20.0
Nonane, 3-methy...	7.958	10.6	ng	3721040	1	7.728	7046630	20.0
Cyclobut-1-enyl...	8.022	14.8	ng	5203110	1	7.728	7046630	20.0
Heptane, 4-ethy...	8.393	8.6	ng	3039560	1	7.728	7046630	20.0
unknown9.205	9.205	17.2	ng	4181900	2	10.499	4850310	20.0
unknown9.410	9.410	12.4	ng	3013080	2	10.499	4850310	20.0
unknown9.516	9.516	10.3	ng	2489550	2	10.499	4850310	20.0
Ethanol, 2-phen...	10.869	8.2	ng	1992460	2	10.499	4850310	20.0
Tetradecane	13.175	15.3	ng	3262510	3	14.357	4263720	20.0
Dodecane	16.463	8.6	ng	1320570	4	17.157	3069590	20.0
(E)-Hexadec-9-e...	17.981	11.7	ng	1800530	4	17.157	3069590	20.0
n-Hexadecanoic ...	18.104	58.3	ng	8942120	4	17.157	3069590	20.0
9-Octadecenoic ...	19.345	437.6	ng	67166400	4	17.157	3069590	20.0
Octadecanoic acid	19.445	33.9	ng	5541900	5	21.610	3266760	20.0
Methacrylic aci...	19.516	9.4	ng	1539460	5	21.610	3266760	20.0
9-Octadecenal, ...	20.469	15.7	ng	2559030	5	21.610	3266760	20.0
Methacrylic aci...	20.628	25.4	ng	4144870	5	21.610	3266760	20.0
1,4-Benzenedica...	22.904	69.2	ng	11306800	5	21.610	3266760	20.0