

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141924.D
 Acq On : 11 Mar 2025 19:12
 Operator : RC/JU
 Sample : Q1515-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030625

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_F\Methods\8270-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	18	rVB	1093883	1734102	52.93%	2.664%
2	5.104	508	512	523	rVB	23379	36514	1.11%	0.056%
3	5.493	572	578	590	rBV	2122903	2835874	86.55%	4.356%
4	6.410	731	734	737	rBV3	28233	37405	1.14%	0.057%
5	6.498	742	749	757	rBV	2150117	2966985	90.56%	4.557%
6	6.563	757	760	766	rVB	23037	33410	1.02%	0.051%
7	6.622	766	770	775	rBV4	20744	40556	1.24%	0.062%
8	6.716	781	786	793	rBV2	125359	168742	5.15%	0.259%
9	6.881	809	814	821	rBV	726837	941917	28.75%	1.447%
10	6.940	821	824	828	rVB2	54235	65572	2.00%	0.101%
11	7.028	835	839	843	rBV2	63038	85993	2.62%	0.132%
12	7.151	850	860	863	rBV3	117948	211963	6.47%	0.326%
13	7.193	863	867	875	rVB3	92857	203651	6.22%	0.313%
14	7.269	875	880	885	rBV3	127077	206255	6.30%	0.317%
15	7.363	890	896	900	rBV2	37680	76001	2.32%	0.117%
16	7.440	900	909	912	rBV	1459912	2132655	65.09%	3.276%
17	7.475	912	915	919	rVB	333820	397135	12.12%	0.610%
18	7.528	919	924	927	rBV4	117207	179514	5.48%	0.276%
19	7.569	927	931	933	rBV3	63391	104231	3.18%	0.160%
20	7.651	939	945	946	rBV2	50931	87910	2.68%	0.135%
21	7.687	946	951	959	rVB3	227825	441797	13.48%	0.679%
22	7.781	959	967	969	rBV3	139583	295690	9.02%	0.454%
23	7.810	969	972	974	rVV3	101325	134799	4.11%	0.207%
24	7.840	974	977	981	rVB4	108286	141536	4.32%	0.217%
25	7.898	985	987	994	rVV5	192155	348931	10.65%	0.536%
26	7.957	994	997	998	rVV	65998	68167	2.08%	0.105%
27	7.998	1002	1004	1007	rVB	116001	116479	3.56%	0.179%
28	8.028	1007	1009	1012	rVB	76700	77799	2.37%	0.119%
29	8.063	1012	1015	1018	rBV	76507	85702	2.62%	0.132%
30	8.157	1019	1031	1037	rBV2	1079434	2809671	85.75%	4.316%
31	8.216	1038	1041	1044	rVB2	271198	346830	10.59%	0.533%
32	8.251	1044	1047	1054	rVB5	125109	197374	6.02%	0.303%
33	8.334	1054	1061	1062	rBV3	127924	238607	7.28%	0.366%
34	8.357	1062	1065	1069	rVB2	196973	252567	7.71%	0.388%
35	8.404	1070	1073	1076	rBV3	96361	134679	4.11%	0.207%
36	8.451	1076	1081	1087	rBV5	318799	516890	15.78%	0.794%

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37	8.504	1087	1090	1093	rVV2	149814	184541	5.63%	0.283%
38	8.539	1093	1096	1099	rVV3	257212	319892	9.76%	0.491%
39	8.581	1099	1103	1109	rVV3	277420	458093	13.98%	0.704%
40	8.663	1113	1117	1122	rBV3	507703	676077	20.63%	1.038%
41	8.751	1127	1132	1136	rBV	1148734	1486116	45.36%	2.283%
42	8.822	1141	1144	1146	rBV	131757	143367	4.38%	0.220%
43	8.910	1156	1159	1161	rBV2	110339	136037	4.15%	0.209%
44	8.981	1167	1171	1176	rBV4	488525	700930	21.39%	1.077%
45	9.110	1190	1193	1198	rVB3	317703	503157	15.36%	0.773%
46	9.157	1198	1201	1202	rBV	157396	179910	5.49%	0.276%
47	9.181	1202	1205	1210	rVV3	367689	540033	16.48%	0.829%
48	9.234	1210	1214	1219	rVB	2702563	3276408	100.00%	5.032%
49	9.316	1223	1228	1232	rBV	1503633	1954107	59.64%	3.001%
50	9.386	1237	1240	1246	rVB	322212	432796	13.21%	0.665%
51	9.569	1264	1271	1273	rBV5	360271	769026	23.47%	1.181%
52	9.634	1278	1282	1285	rVV4	719923	1227140	37.45%	1.885%
53	9.692	1289	1292	1296	rVB2	383578	472518	14.42%	0.726%
54	9.845	1314	1318	1322	rVB	1577115	1898512	57.94%	2.916%
55	9.916	1326	1330	1334	rVB	956304	1256011	38.33%	1.929%
56	10.016	1345	1347	1352	rVB	157532	192171	5.87%	0.295%
57	10.081	1353	1358	1360	rBV3	288036	504109	15.39%	0.774%
58	10.169	1369	1373	1376	rBV4	328671	471045	14.38%	0.724%
59	10.233	1381	1384	1390	rBV4	139994	301981	9.22%	0.464%
60	10.345	1398	1403	1407	rBV	1701803	2163124	66.02%	3.322%
61	10.563	1435	1440	1446	rBV	631278	1050099	32.05%	1.613%
62	10.622	1446	1450	1453	rBV2	391066	550377	16.80%	0.845%
63	10.698	1458	1463	1468	rVB	1449707	1958900	59.79%	3.009%
64	10.822	1479	1484	1492	rVB	1720737	2776892	84.75%	4.265%
65	11.010	1513	1516	1518	rBV2	155976	209139	6.38%	0.321%
66	11.139	1534	1538	1546	rVB2	760572	1035777	31.61%	1.591%
67	11.269	1555	1560	1563	rBV	1328179	1911077	58.33%	2.935%
68	11.298	1563	1565	1571	rVB	603312	702379	21.44%	1.079%
69	11.398	1578	1582	1587	rBV	842290	1199373	36.61%	1.842%
70	11.575	1609	1612	1615	rBV	128249	138509	4.23%	0.213%
71	11.692	1628	1632	1636	rBV	1157083	1382527	42.20%	2.124%
72	11.786	1646	1648	1654	rVB2	182800	228521	6.97%	0.351%
73	11.922	1668	1671	1675	rBV2	276196	322646	9.85%	0.496%
74	12.098	1697	1701	1706	rVB	937715	1121488	34.23%	1.723%
75	12.380	1746	1749	1753	rVB	112046	127245	3.88%	0.195%
76	12.486	1763	1767	1778	rVB	839375	1311881	40.04%	2.015%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.610	1786	1788	1801	rVB2	171158	374512	11.43%	0.575%
78	12.857	1823	1830	1834	rBV2	444118	718616	21.93%	1.104%
79	12.980	1846	1851	1860	rVB	2259747	3003282	91.66%	4.613%
80	13.216	1887	1891	1897	rBV	293154	395487	12.07%	0.607%
81	13.557	1945	1949	1956	rBV	246596	322423	9.84%	0.495%
82	13.886	2000	2005	2015	rVB	369409	585892	17.88%	0.900%
83	14.033	2025	2030	2042	rVB2	782623	1171064	35.74%	1.799%
84	14.198	2054	2058	2065	rVB	293635	390646	11.92%	0.600%
85	14.504	2106	2110	2115	rBV	356341	477436	14.57%	0.733%
86	14.816	2159	2163	2168	rBV	337237	447806	13.67%	0.688%
87	15.157	2217	2221	2229	rVB	366284	544184	16.61%	0.836%
88	15.510	2276	2281	2284	rBV	402726	641965	19.59%	0.986%
89	15.545	2284	2287	2294	rVB	290717	431983	13.18%	0.664%
90	15.986	2358	2362	2368	rVB	187399	312233	9.53%	0.480%
91	16.504	2447	2450	2464	rVB	124800	260313	7.95%	0.400%

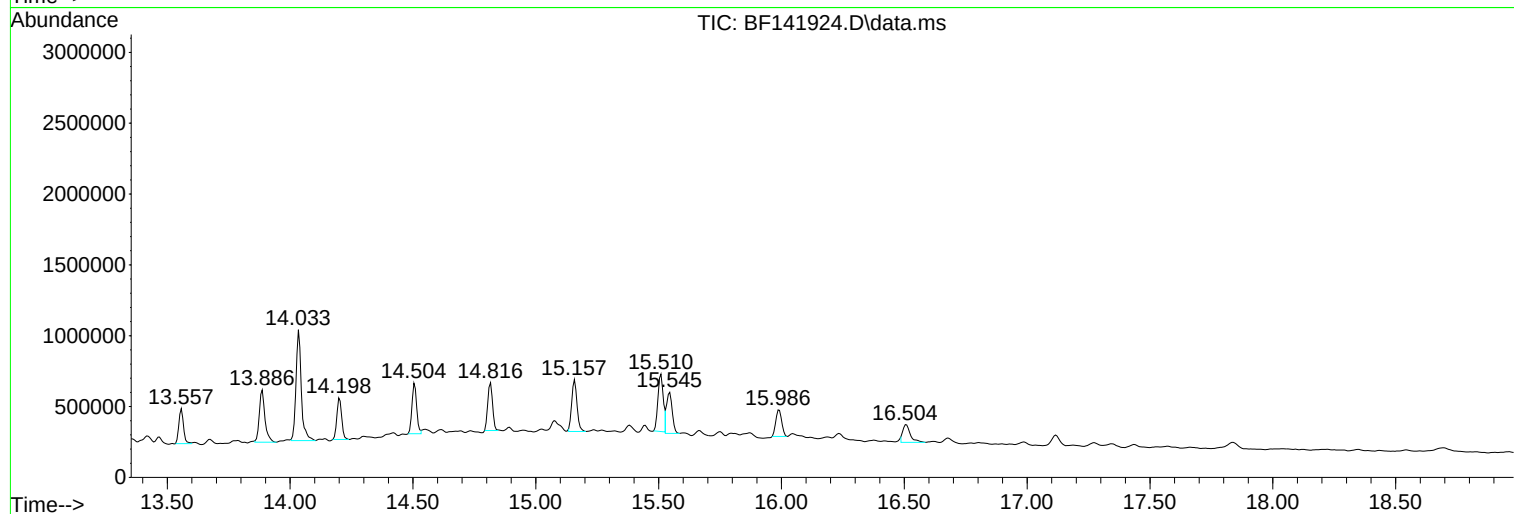
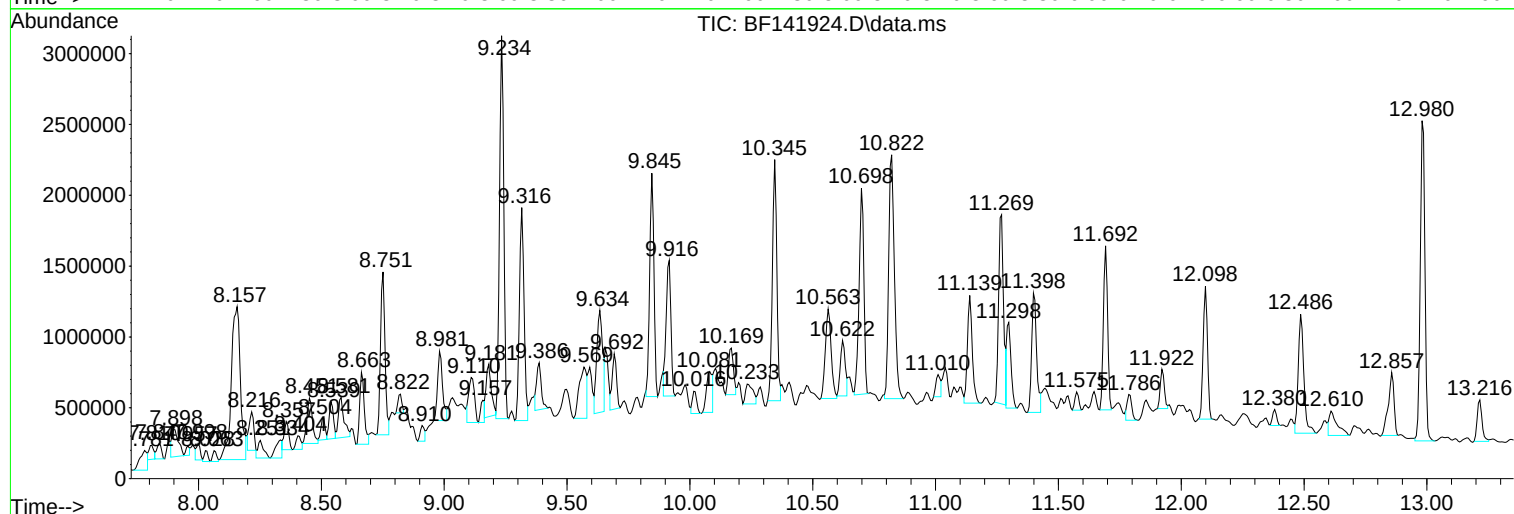
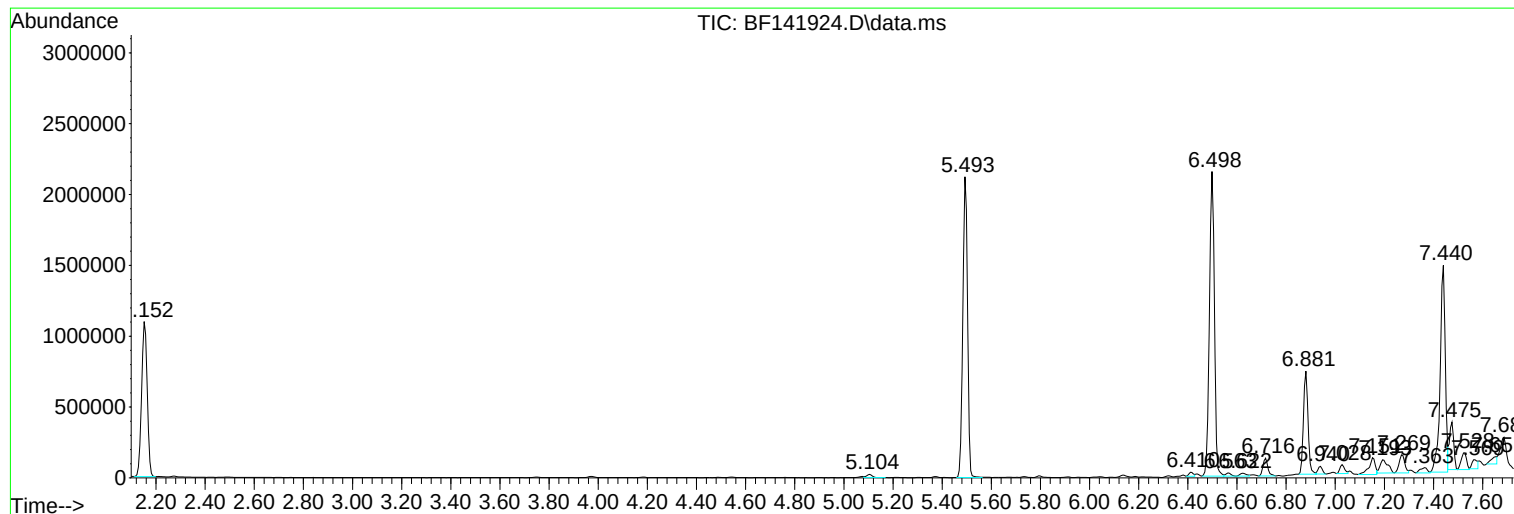
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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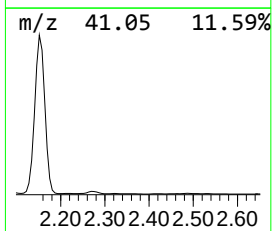
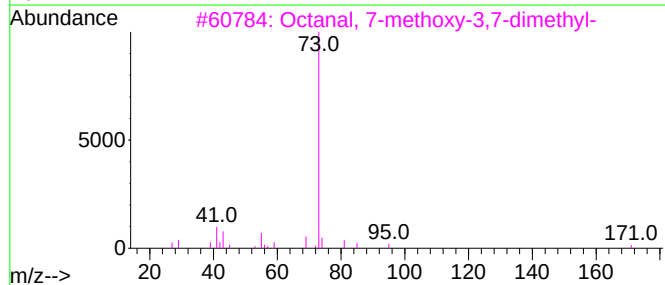
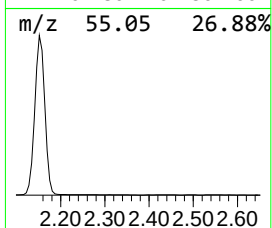
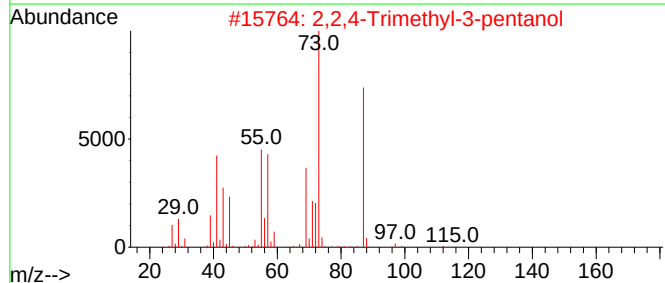
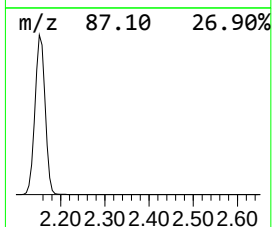
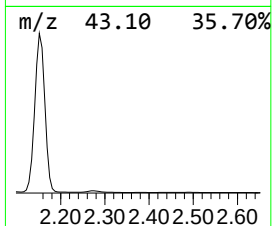
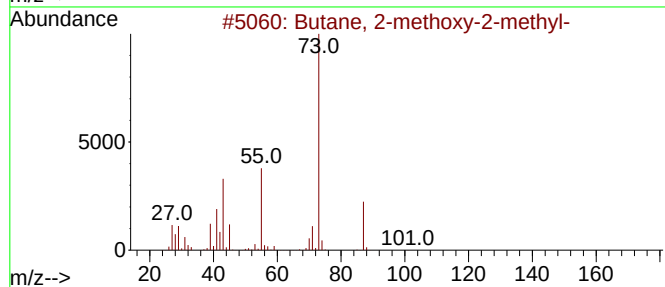
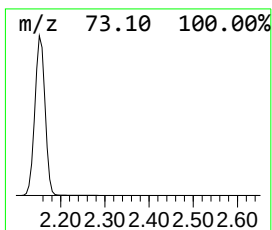
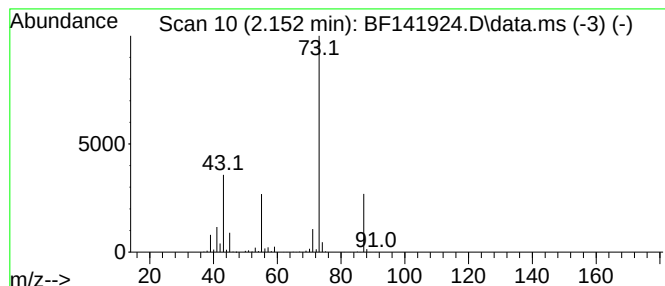
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	36.82 ng	1734100	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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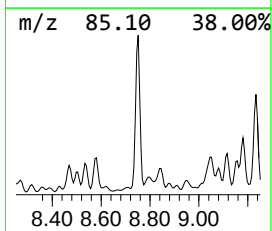
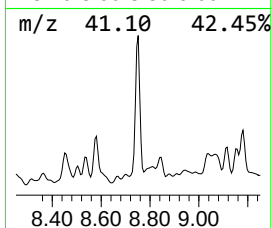
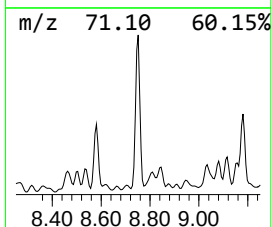
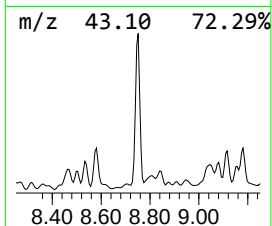
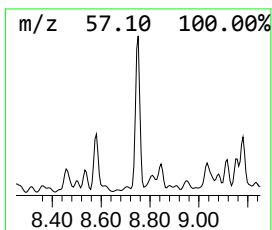
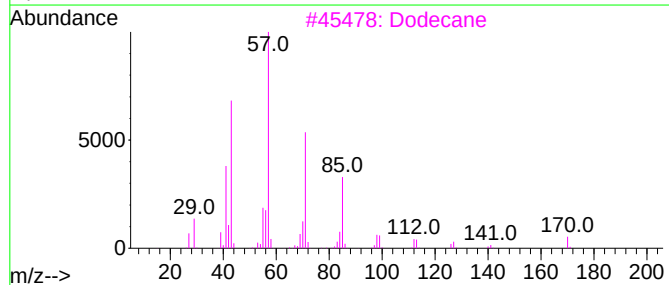
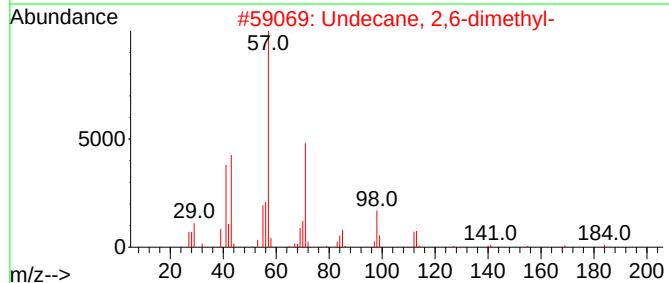
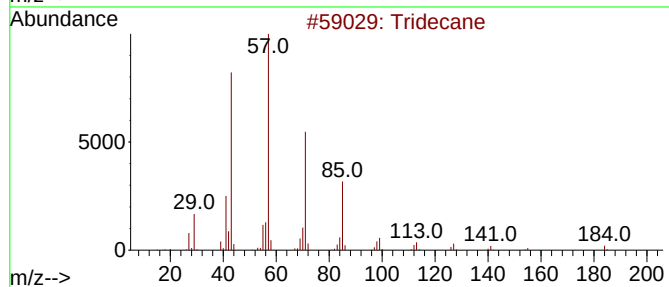
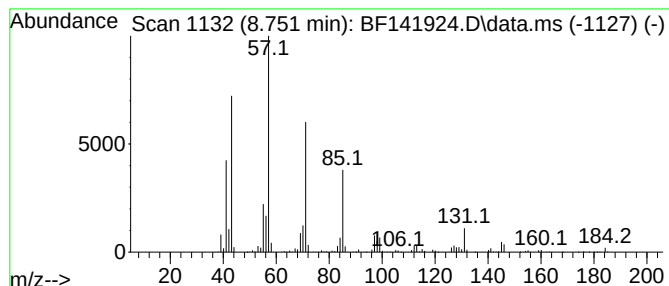
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	10.58 ng	1486120	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
3			Dodecane	170	C12H26	000112-40-3	59
4			Hexadecane	226	C16H34	000544-76-3	59
5			Heptadecane	240	C17H36	000629-78-7	59



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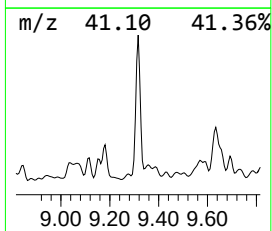
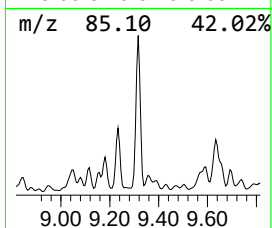
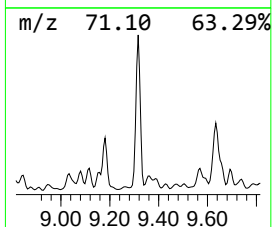
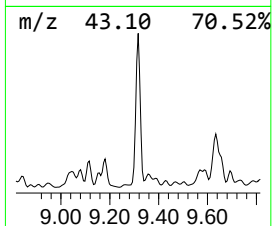
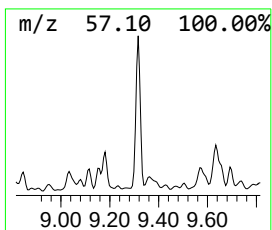
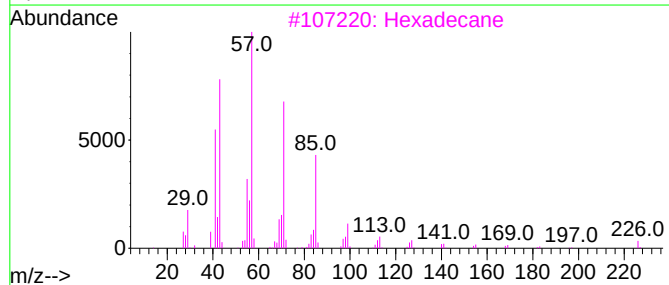
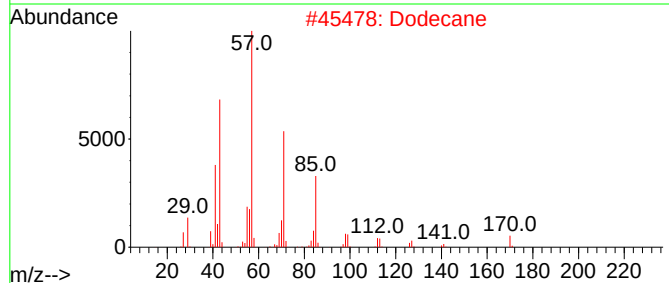
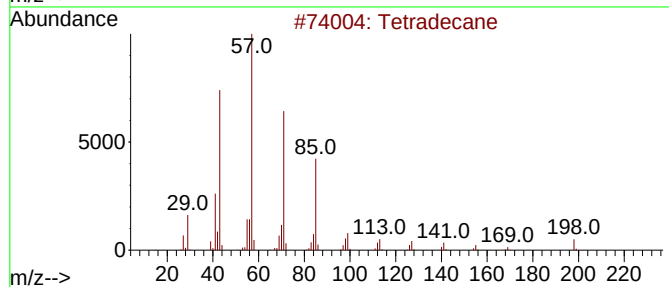
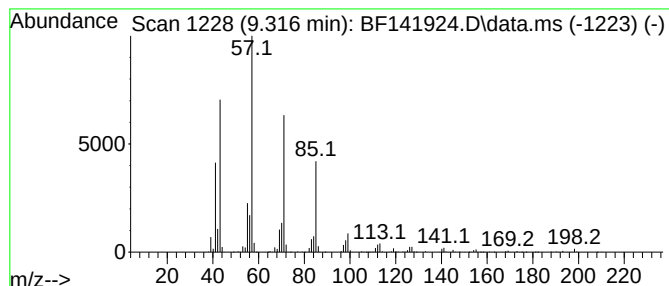
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	31.12 ng	1954110	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Dodecane	170	C12H26	000112-40-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



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Data File : BF141924.D
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Operator : RC/JU
Sample : Q1515-01
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ClientSampleId :
AU-06-030625

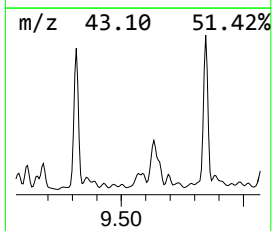
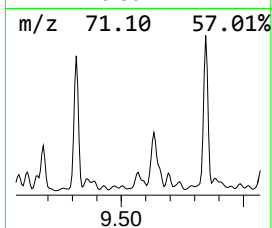
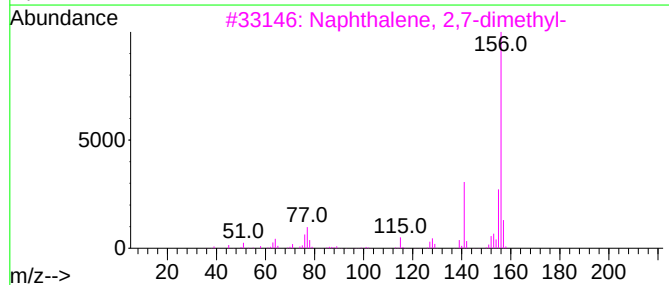
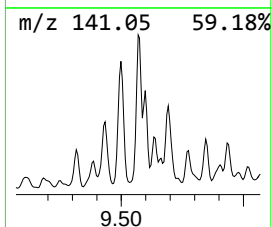
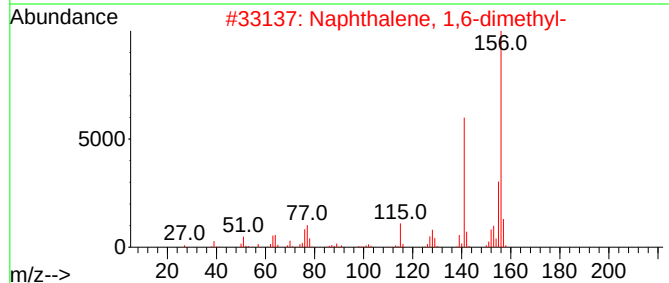
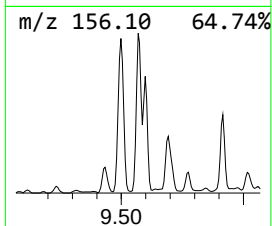
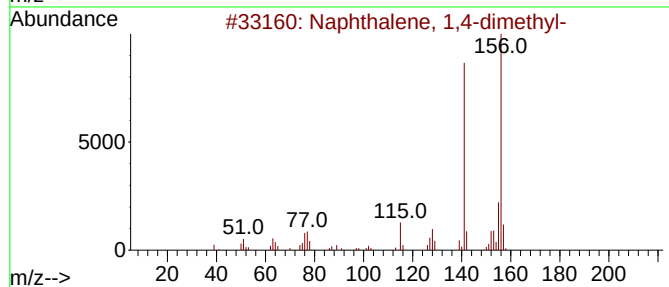
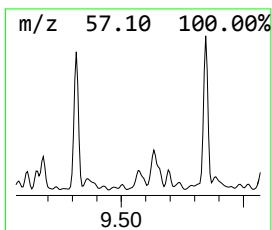
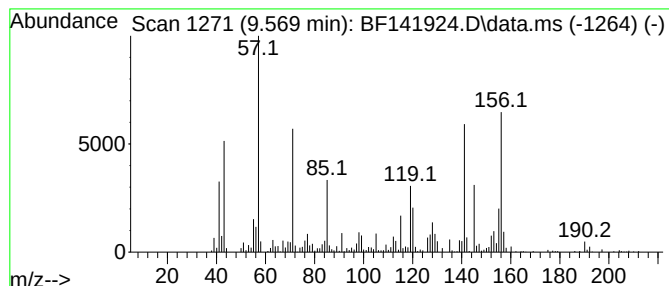
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	12.25 ng	769026	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
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Sample : Q1515-01
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ClientSampleId :
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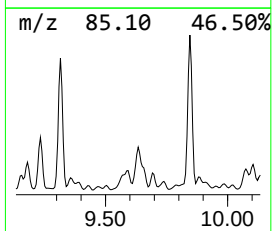
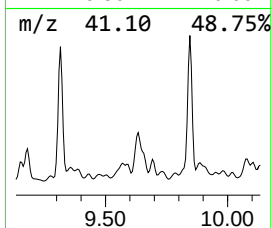
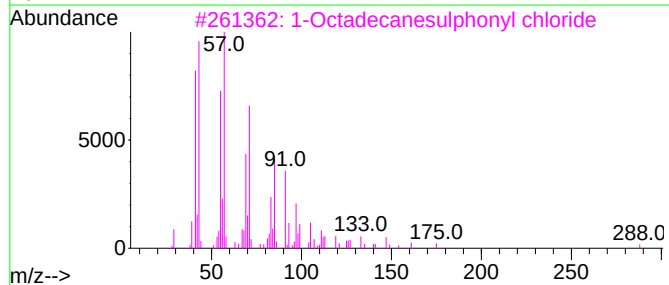
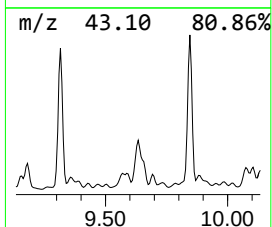
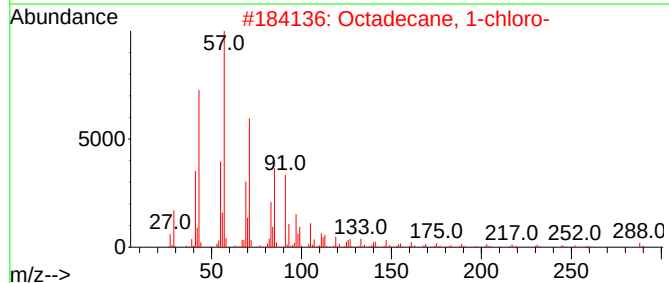
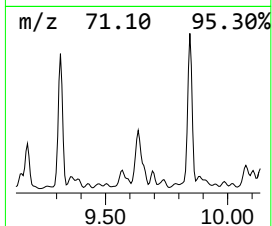
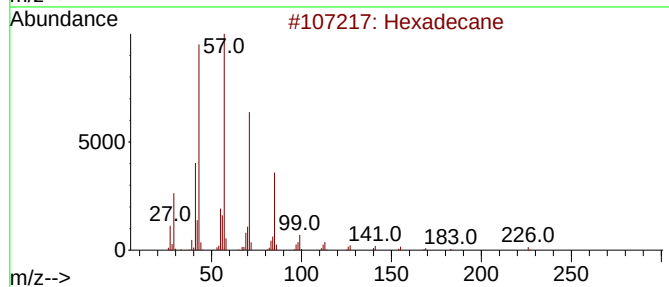
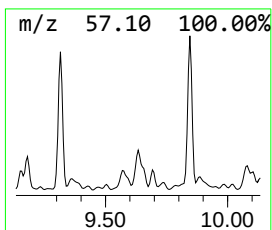
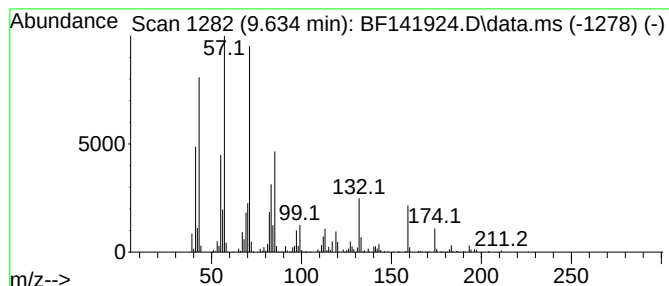
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	19.54 ng	1227140	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	64
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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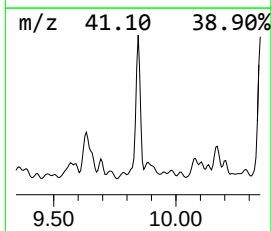
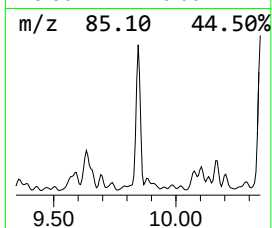
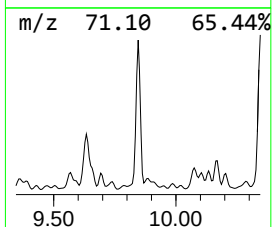
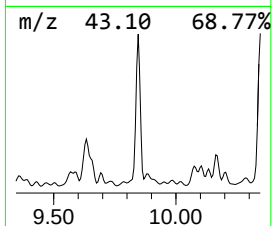
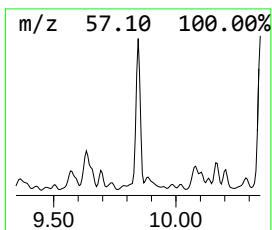
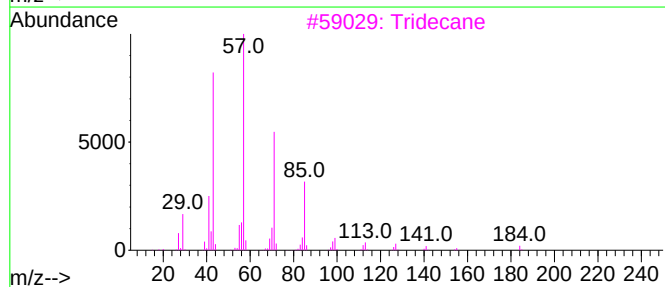
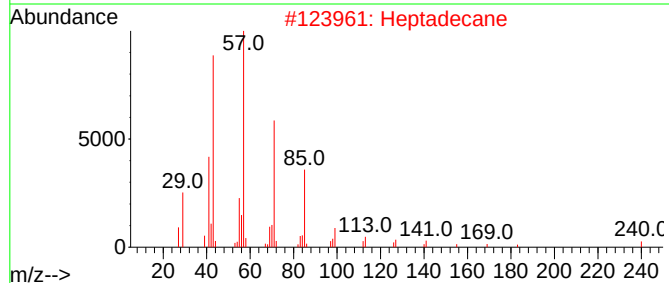
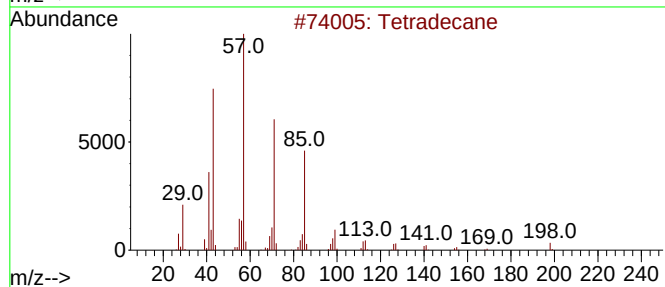
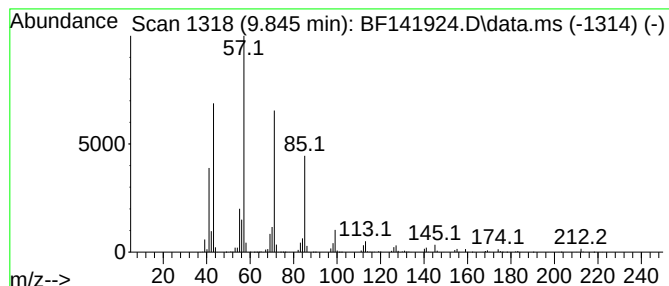
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	30.23 ng	1898510	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	87
2		Heptadecane	240	C17H36	000629-78-7	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
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ClientSampleId :
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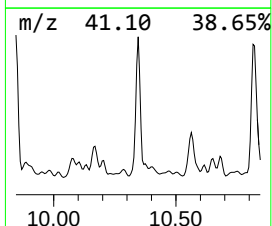
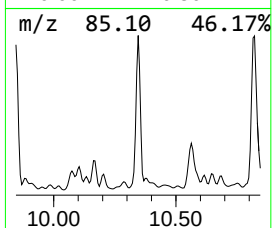
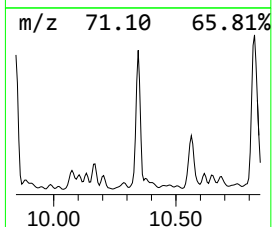
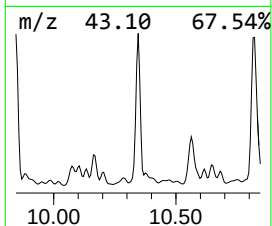
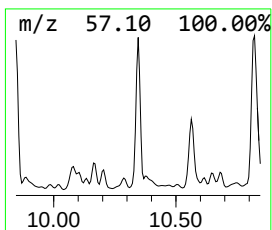
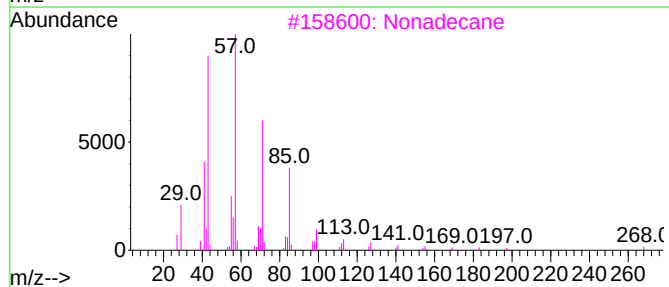
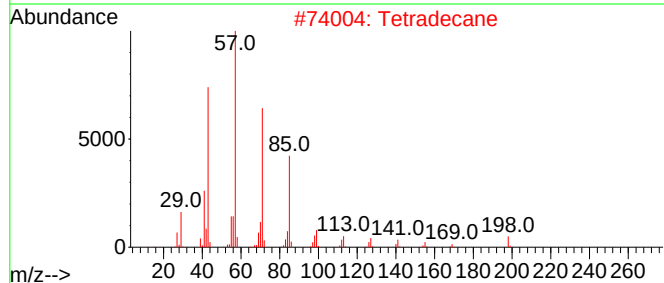
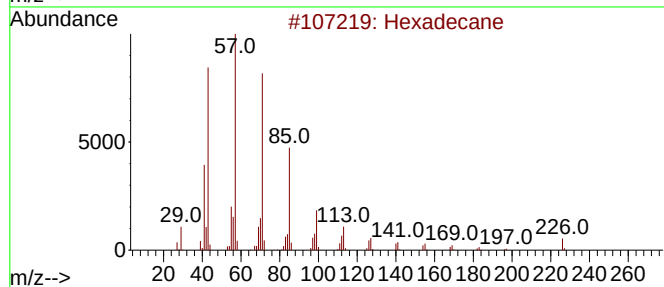
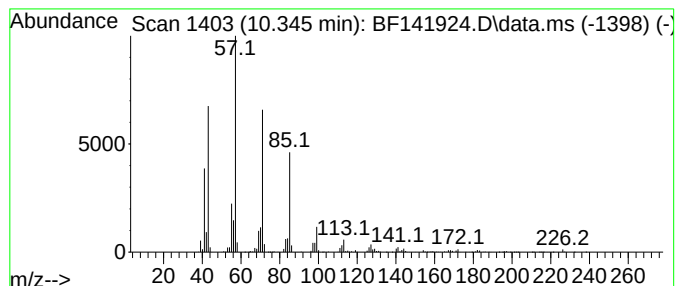
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	34.44 ng	2163120	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	94
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	90



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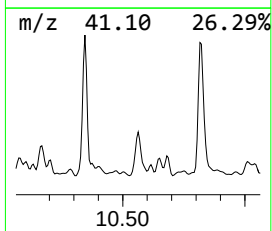
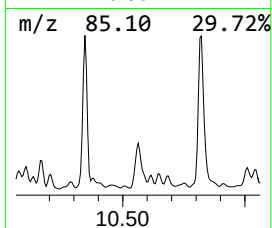
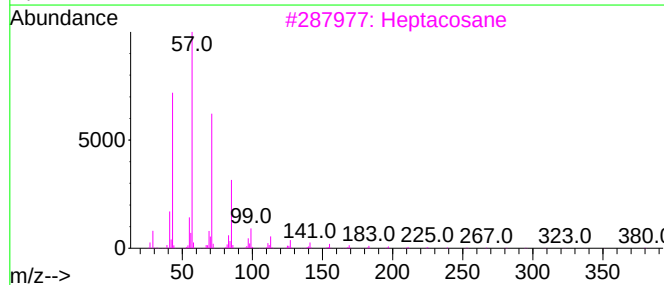
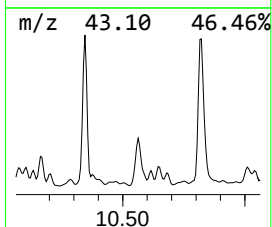
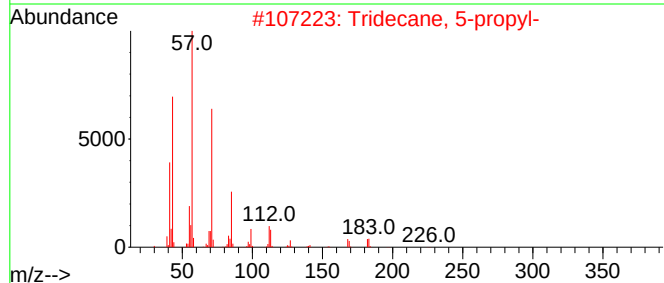
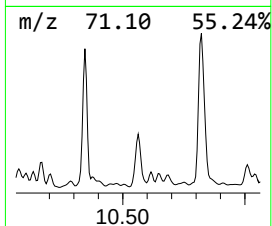
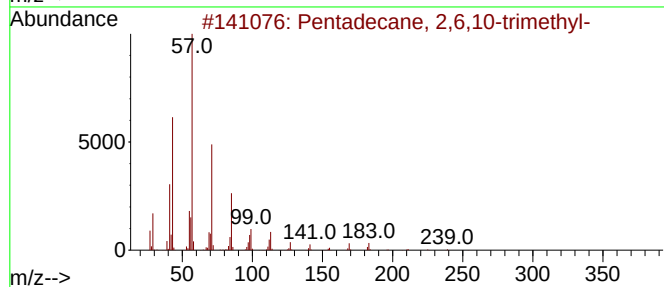
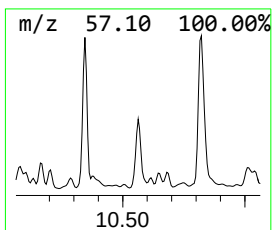
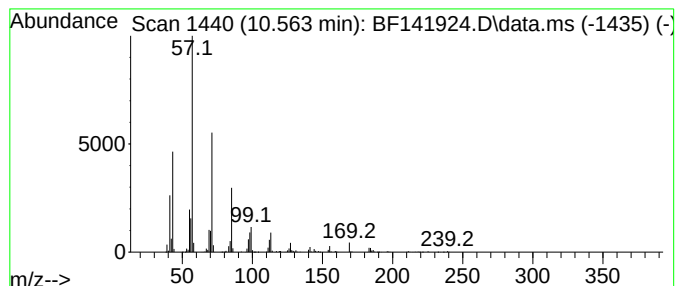
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.563	16.72 ng	1050100	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tridecane	184	C13H28	000629-50-5	81
5	Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
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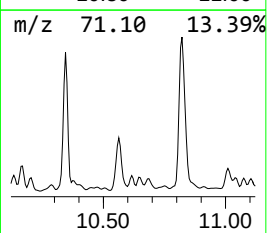
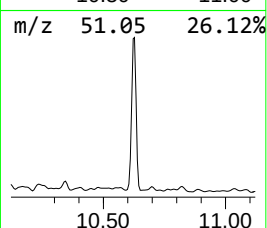
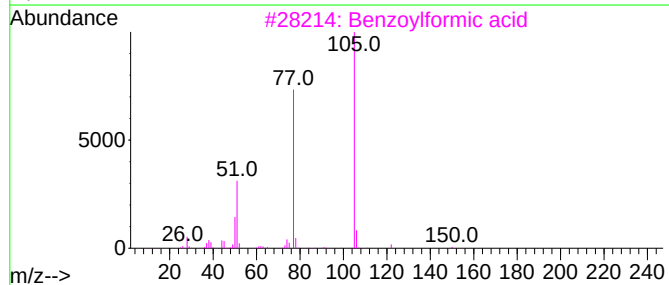
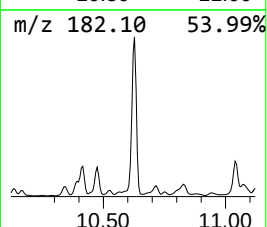
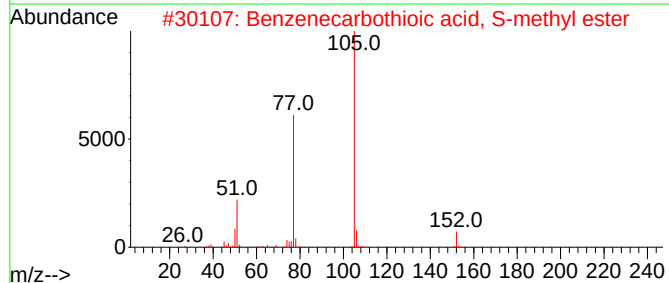
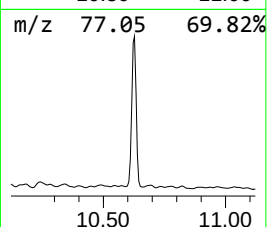
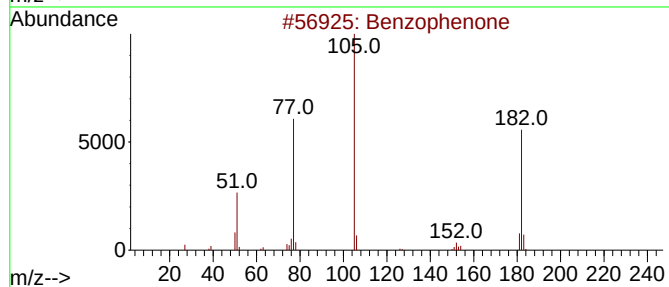
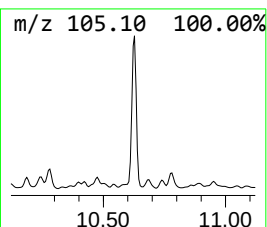
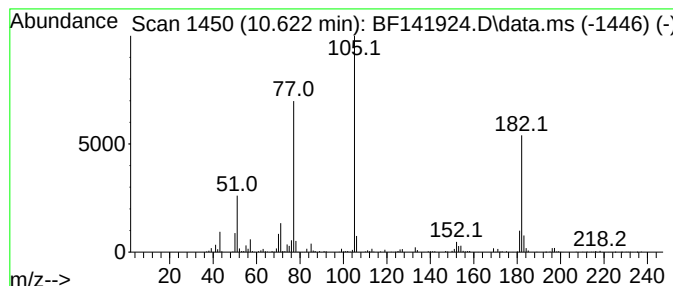
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	8.76 ng	550377	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			Benzoylformic acid	150	C8H6O3	000611-73-4	43
4			4-Acetylphenylbenzoate	240	C15H12O3	001523-18-8	43
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
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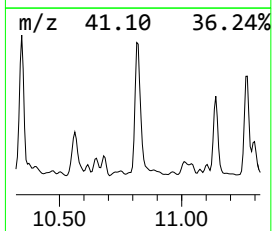
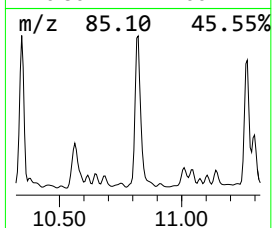
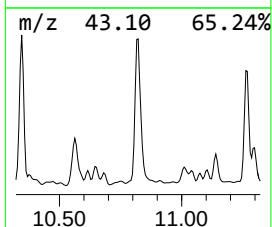
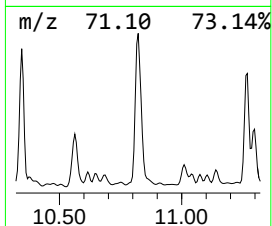
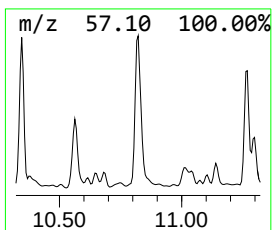
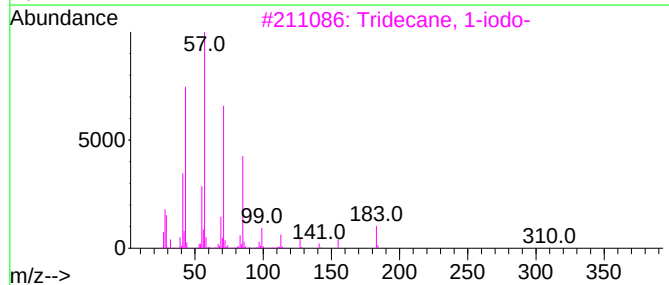
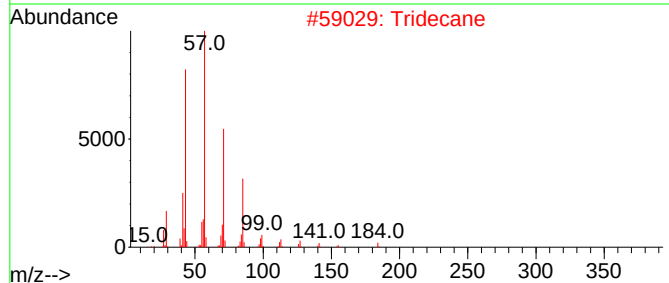
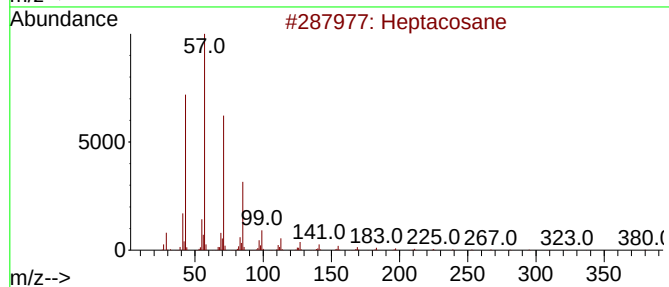
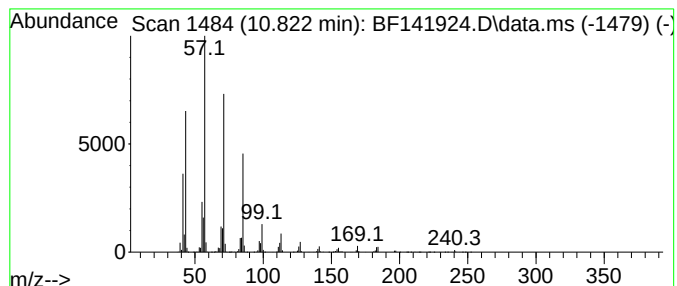
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	46.31 ng	2776890	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Tridecane	184	C13H28	000629-50-5	91
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Hexadecane	226	C16H34	000544-76-3	91



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Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030625

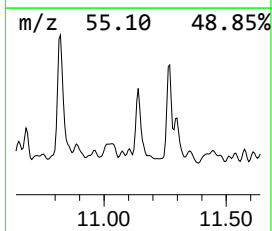
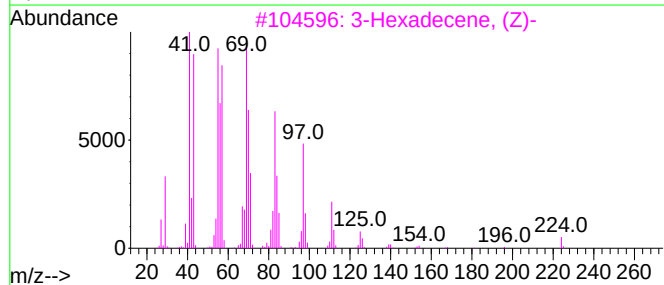
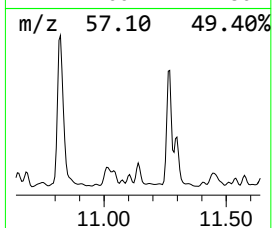
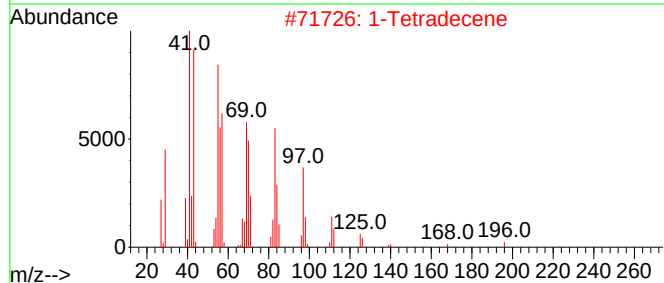
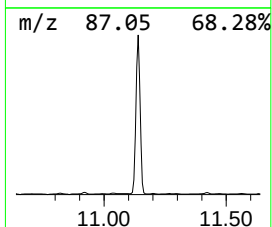
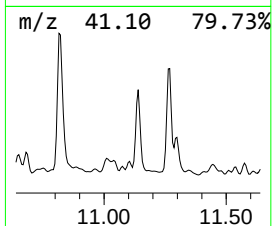
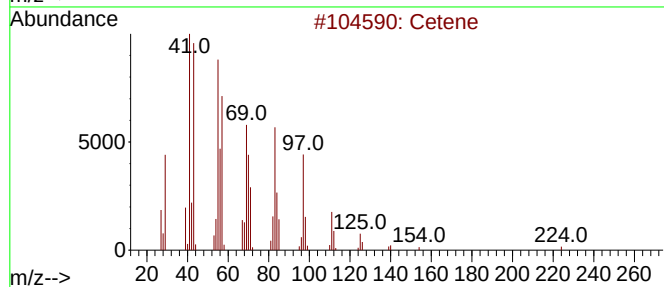
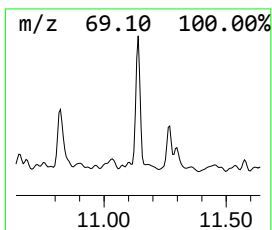
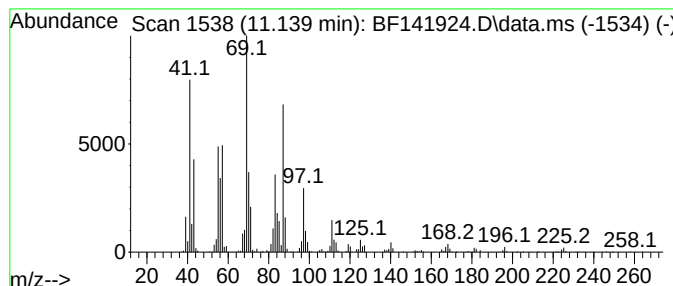
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cetene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	17.27 ng	1035780	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cetene	224	C16H32	000629-73-2	95
2			1-Tetradecene	196	C14H28	001120-36-1	93
3			3-Hexadecene, (Z)-	224	C16H32	034303-81-6	87
4			2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	87
5			n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
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Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030625

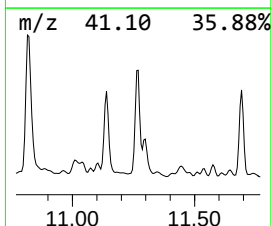
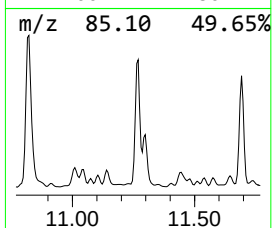
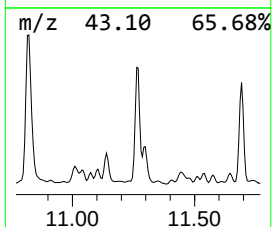
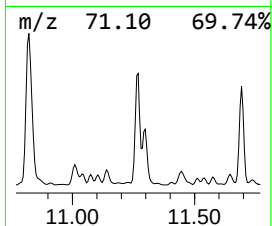
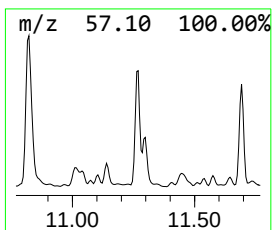
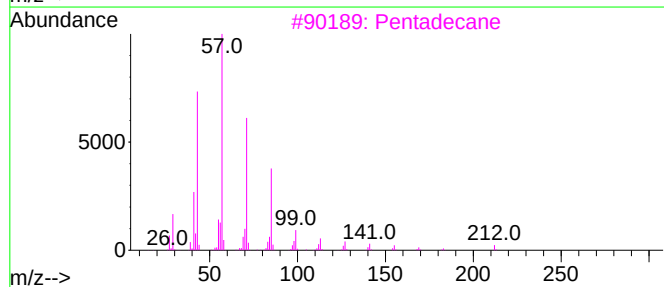
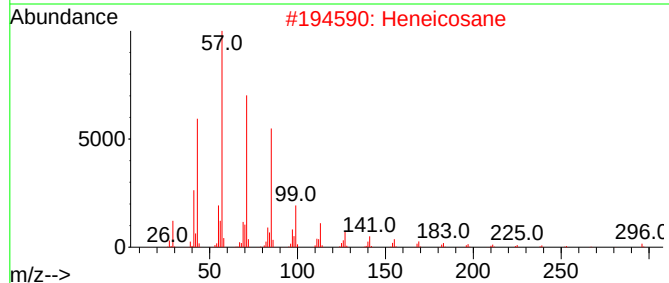
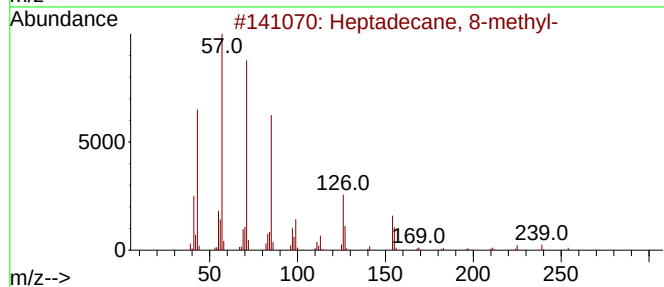
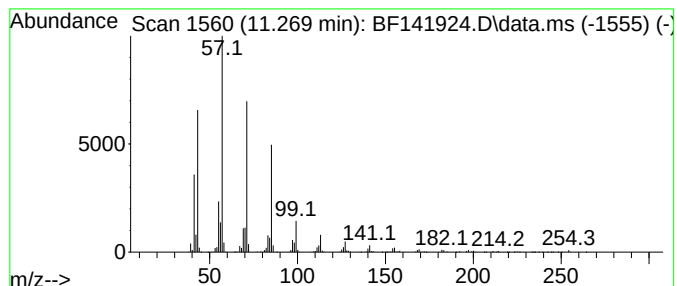
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 8-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	31.87 ng	1911080	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030625

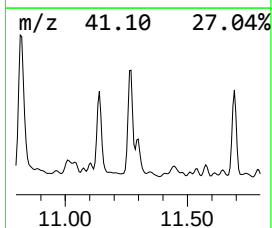
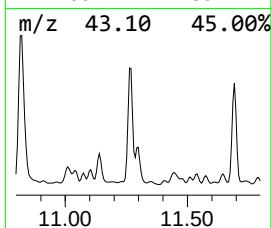
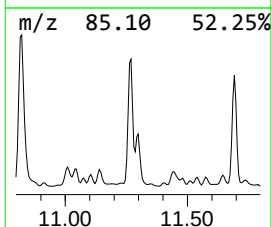
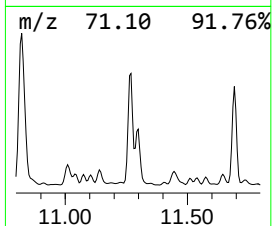
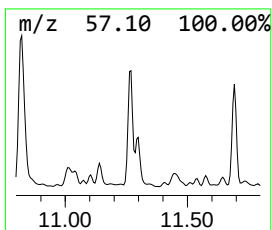
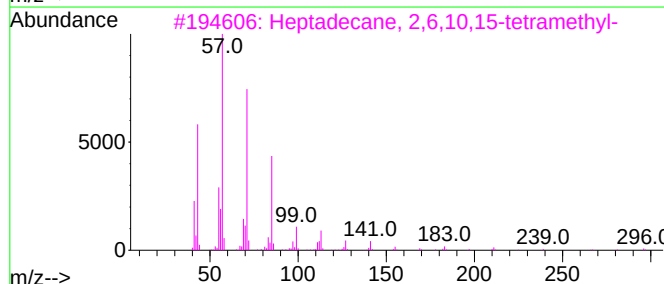
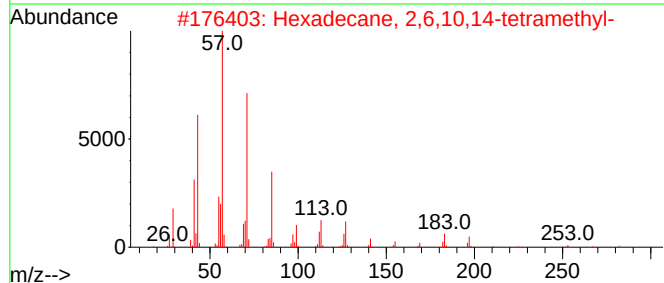
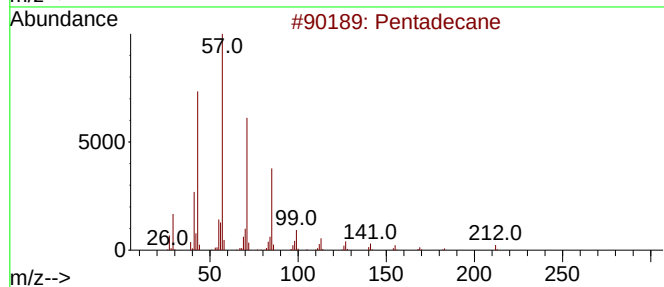
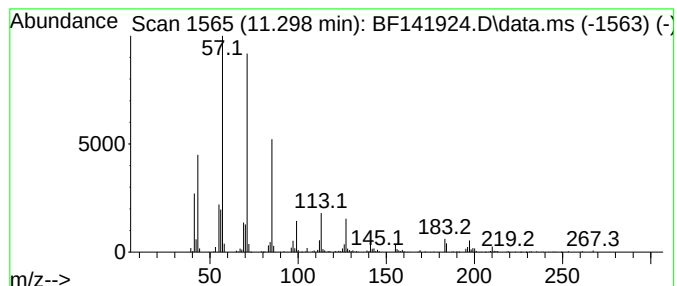
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	11.71 ng	702379	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	83
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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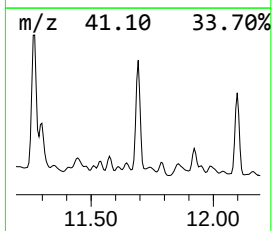
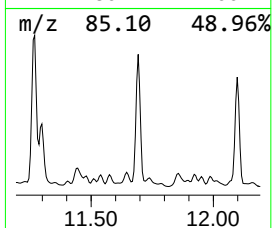
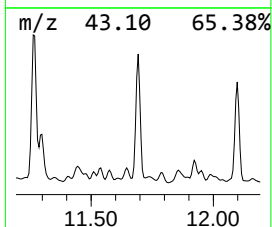
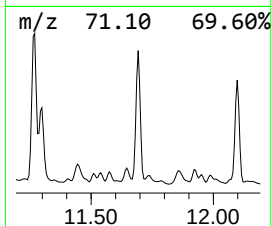
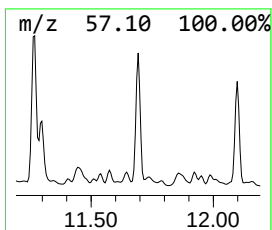
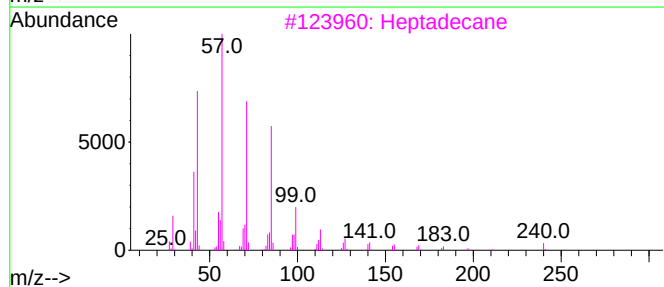
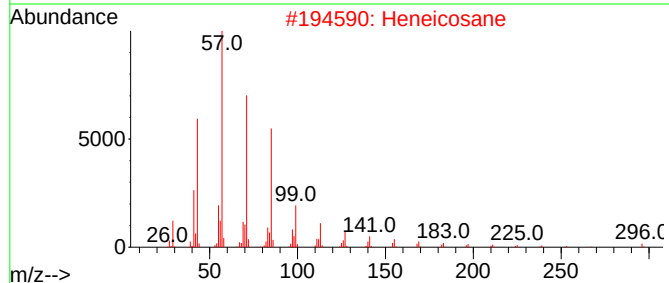
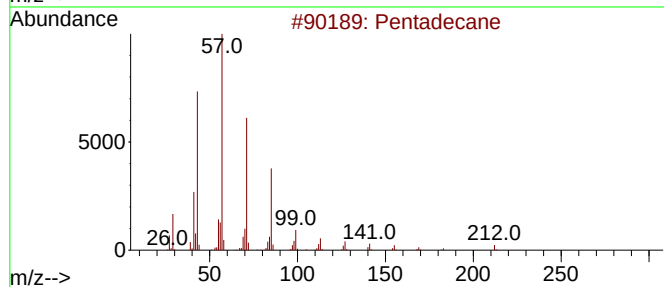
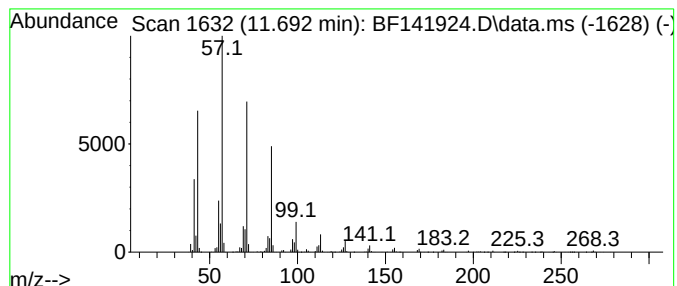
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	23.05 ng	1382530	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
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Sample : Q1515-01
Misc :
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Instrument :
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ClientSampleId :
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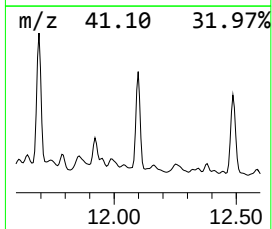
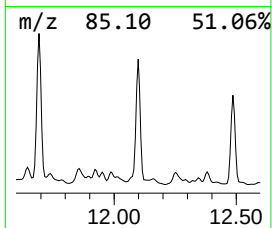
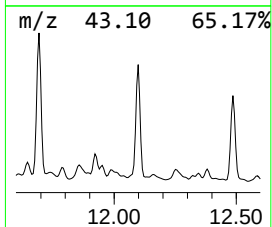
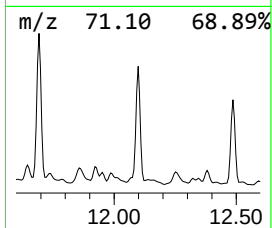
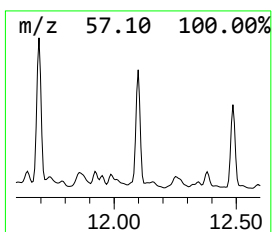
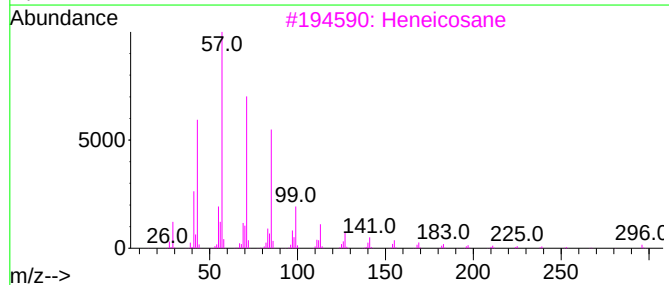
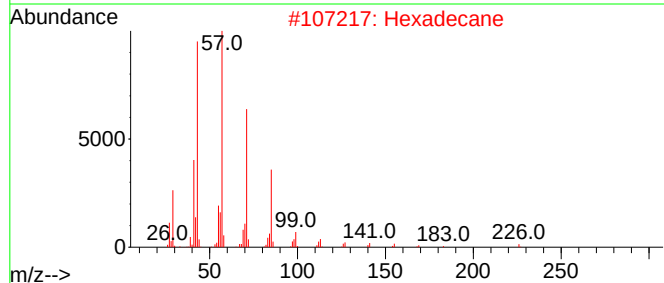
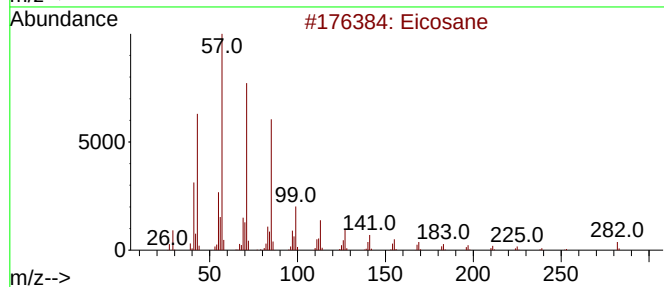
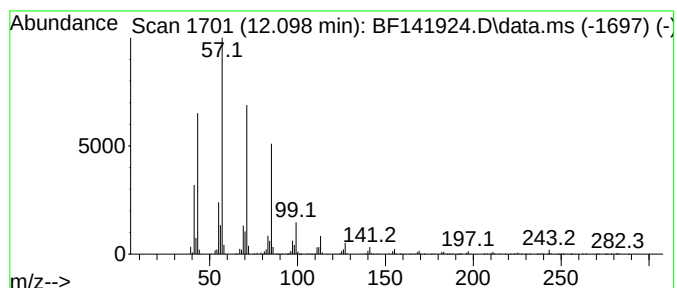
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	18.70 ng	1121490	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	97
2	Hexadecane			226	C16H34	000544-76-3	97
3	Heneicosane			296	C21H44	000629-94-7	91
4	Tetradecane, 4-ethyl-			226	C16H34	055045-14-2	90
5	Dodecane, 2-methyl-6-propyl-			226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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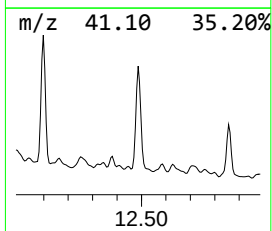
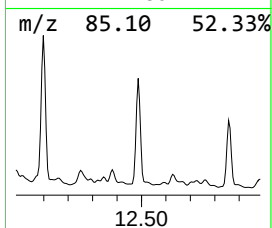
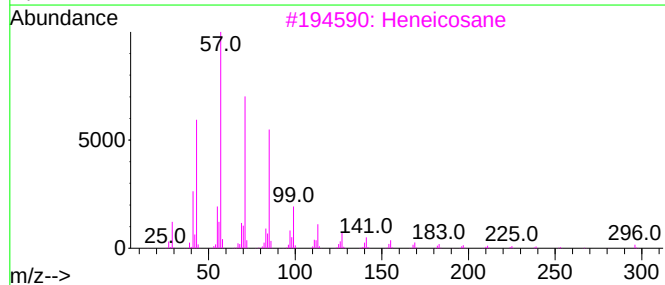
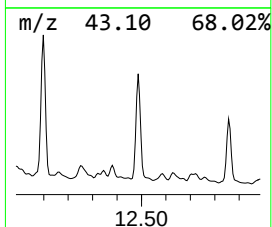
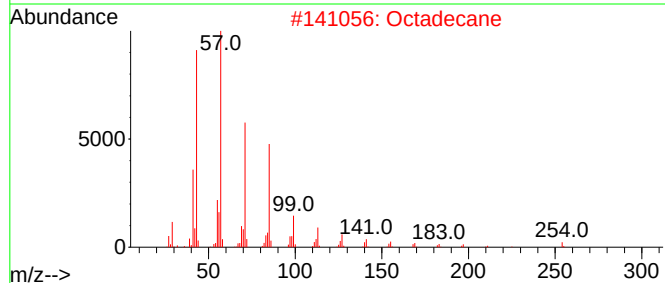
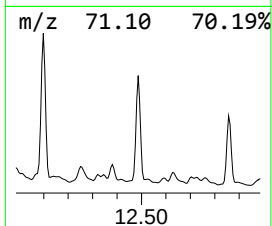
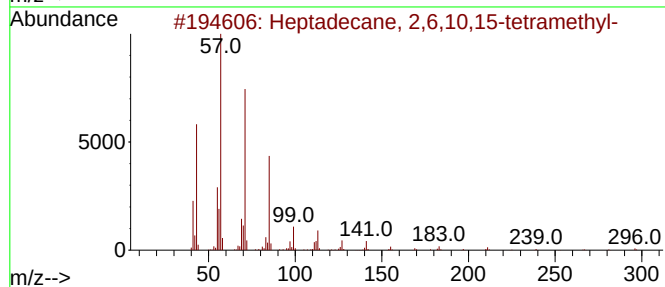
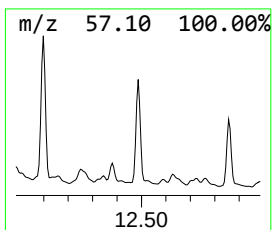
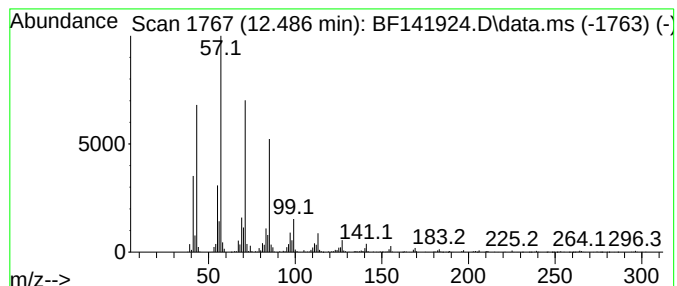
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	21.88 ng	1311880	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
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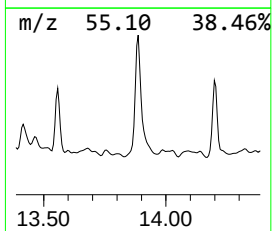
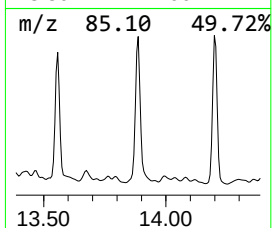
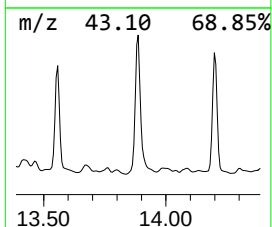
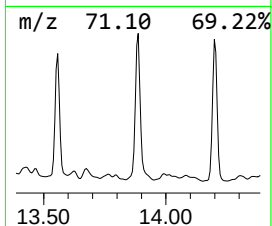
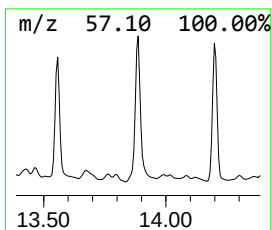
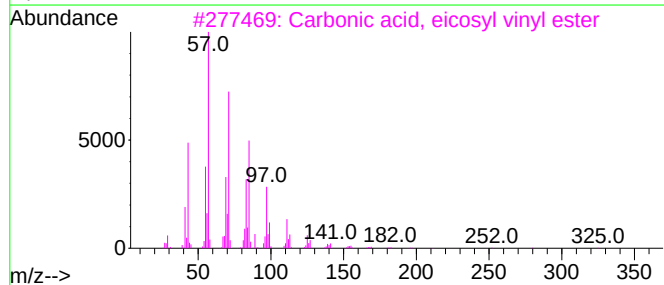
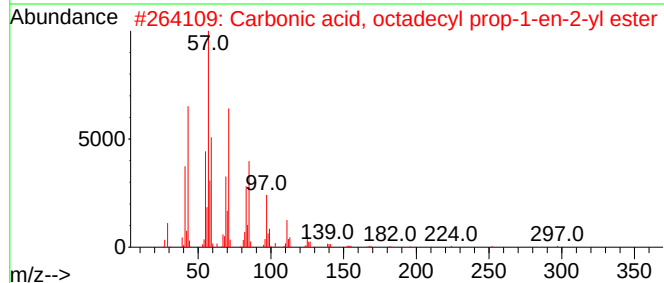
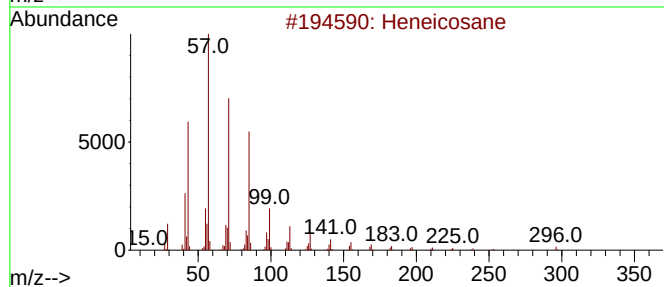
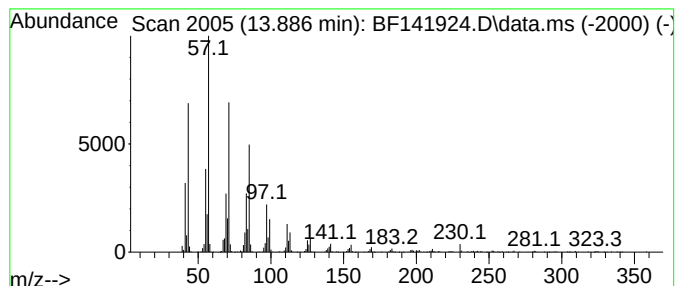
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Carbonic acid, octadecyl pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.886	10.01 ng	585892	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	94
2	Carbonic acid, octadecyl prop-1-...		354	C22H42O3	1000383-11-5	91
3	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	91
4	Carbonic acid, tetradecyl vinyl ...		284	C17H32O3	1000382-54-5	91
5	Sulfurous acid, pentadecyl 2-pro...		334	C18H38O3S	1000309-12-6	91



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Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030625

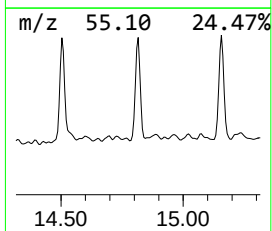
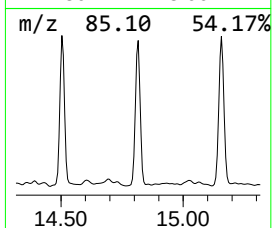
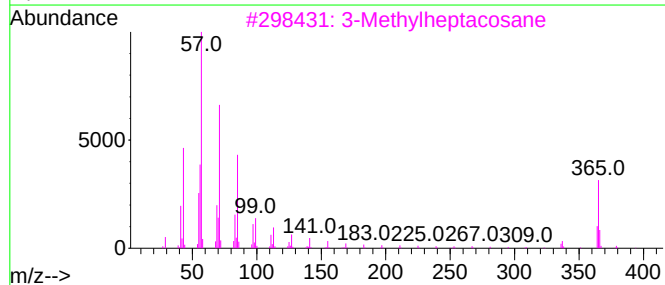
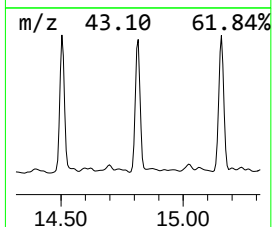
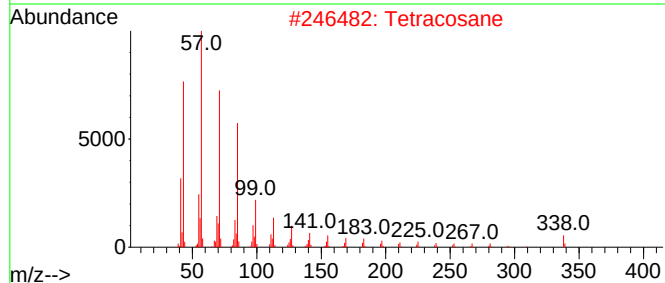
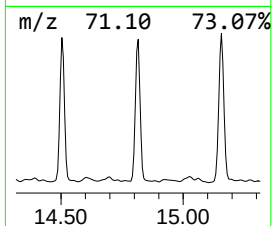
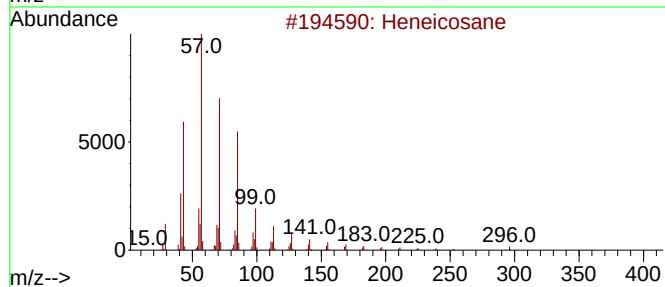
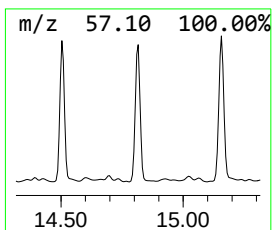
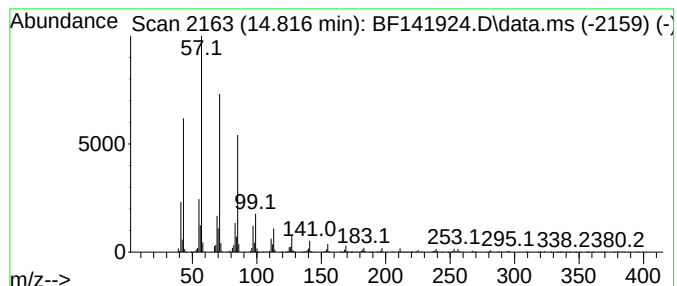
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	13.95 ng	447806	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Tetracosane	338	C24H50	000646-31-1	94
3			3-Methylheptacosane	394	C28H58	014167-66-9	94
4			Octacosane	394	C28H58	000630-02-4	93
5			Heptadecane	240	C17H36	000629-78-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030625

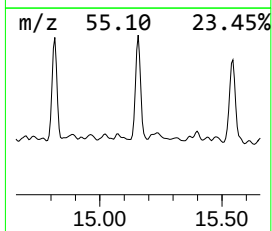
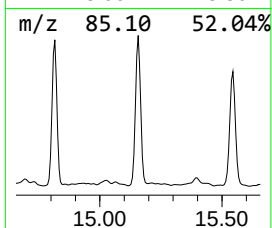
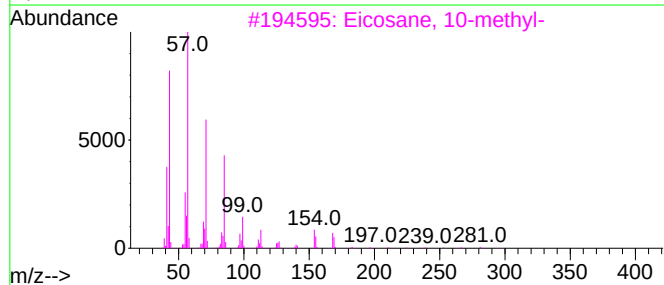
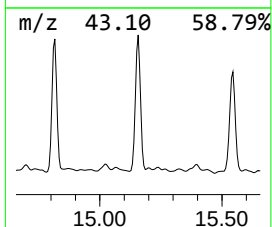
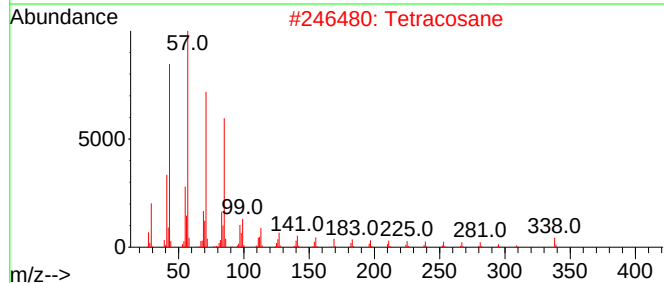
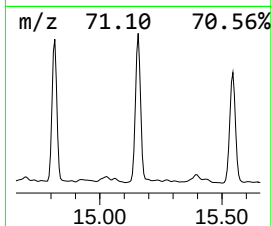
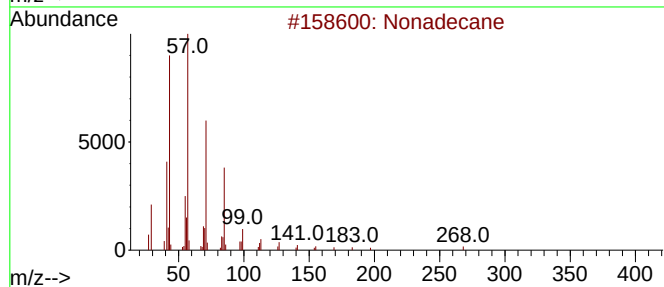
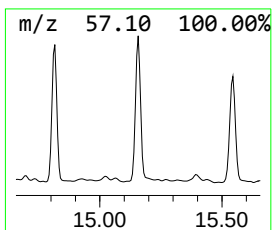
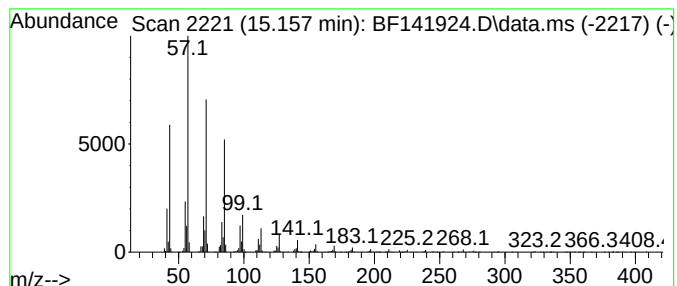
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 10-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	16.95 ng	544184	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Tetracosane	338	C24H50	000646-31-1	94
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030625

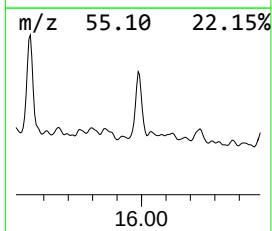
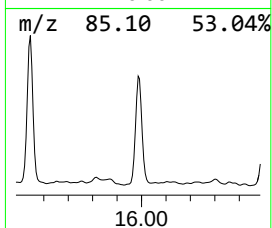
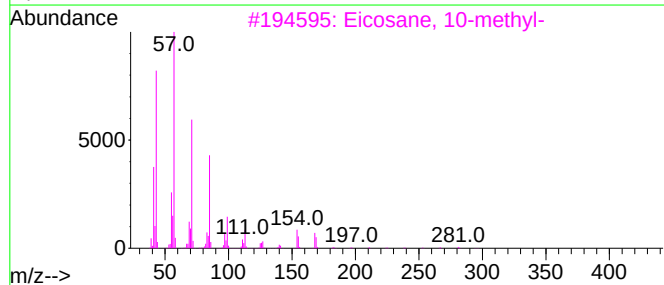
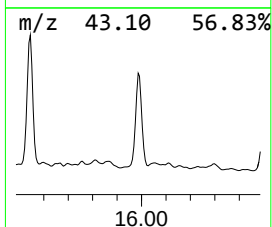
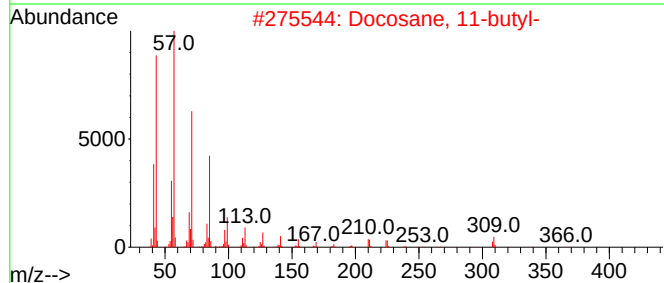
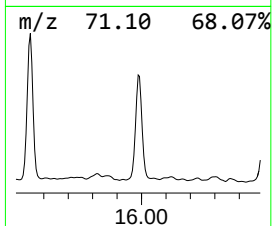
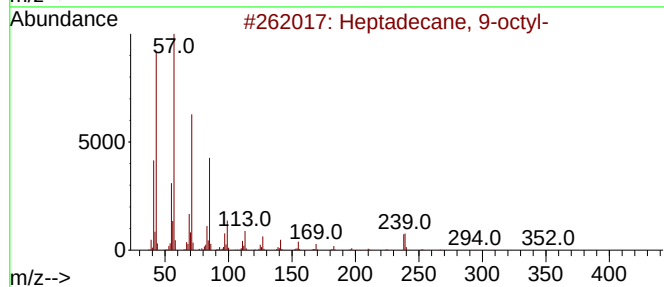
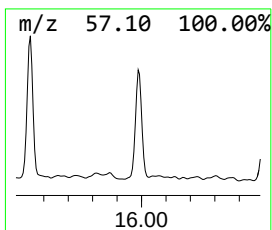
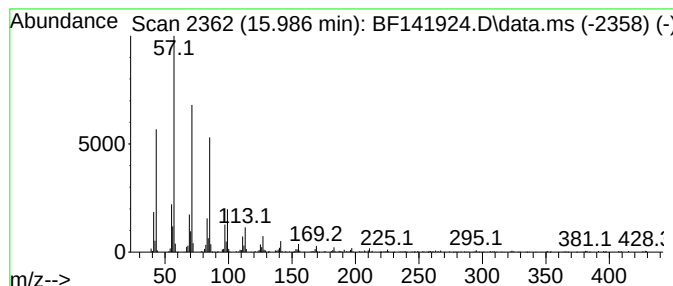
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	9.73 ng	312233	Perylene-d12	15.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141924.D
Acq On : 11 Mar 2025 19:12
Operator : RC/JU
Sample : Q1515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-030625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.152	36.8	ng	1734100	1	6.881	941917	20.0
Tridecane	8.751	10.6	ng	1486120	2	8.163	2809670	20.0
Tetradecane	9.316	31.1	ng	1954110	3	9.916	1256010	20.0
Naphthalene, 1,...	9.569	12.3	ng	769026	3	9.916	1256010	20.0
Hexadecane	9.634	19.5	ng	1227140	3	9.916	1256010	20.0
Heptadecane	9.845	30.2	ng	1898510	3	9.916	1256010	20.0
Nonadecane	10.345	34.4	ng	2163120	3	9.916	1256010	20.0
Pentadecane, 2,...	10.563	16.7	ng	1050100	3	9.916	1256010	20.0
Benzophenone	10.622	8.8	ng	550377	3	9.916	1256010	20.0
Heptacosane	10.822	46.3	ng	2776890	4	11.398	1199370	20.0
Cetene	11.139	17.3	ng	1035780	4	11.398	1199370	20.0
Heptadecane, 8-...	11.269	31.9	ng	1911080	4	11.398	1199370	20.0
Pentadecane	11.298	11.7	ng	702379	4	11.398	1199370	20.0
Heneicosane	11.692	23.1	ng	1382530	4	11.398	1199370	20.0
Eicosane	12.098	18.7	ng	1121490	4	11.398	1199370	20.0
Heptadecane, 2,...	12.486	21.9	ng	1311880	4	11.398	1199370	20.0
Carbonic acid, ...	13.886	10.0	ng	585892	5	14.033	1171060	20.0
Tetracosane	14.816	13.9	ng	447806	6	15.510	641965	20.0
Eicosane, 10-me...	15.157	16.9	ng	544184	6	15.510	641965	20.0
Heptadecane, 9-...	15.986	9.7	ng	312233	6	15.510	641965	20.0