

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049953.D
 Acq On : 16 Apr 2025 15:26
 Operator : RC/JU
 Sample : Q1810-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MOO-25-0118

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_M\Methods\8270-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049953.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	21	25	36	rVB	443868	523984	2.33%	0.329%
2	4.322	223	227	237	rVB	603654	753378	3.36%	0.473%
3	4.887	316	323	334	rBV	1910765	2581055	11.50%	1.622%
4	5.357	396	403	415	rBV	3713240	5384221	23.98%	3.383%
5	5.828	473	483	496	rVB	621844	1002084	4.46%	0.630%
6	5.963	499	506	513	rBV	780218	1103423	4.91%	0.693%
7	6.946	665	673	693	rVB	2772816	4689365	20.89%	2.947%
8	7.375	739	746	755	rBV	150053	320644	1.43%	0.201%
9	7.463	755	761	772	rVB	667980	988302	4.40%	0.621%
10	7.769	799	813	820	rBV	1712665	2861135	12.74%	1.798%
11	7.840	820	825	832	rVB	155793	250301	1.11%	0.157%
12	8.010	848	854	865	rBV	212672	417870	1.86%	0.263%
13	8.928	1002	1010	1020	rBV	3771033	6145058	27.37%	3.861%
14	9.092	1029	1038	1046	rBV2	563208	1003869	4.47%	0.631%
15	10.428	1259	1265	1272	rVB	234964	381610	1.70%	0.240%
16	10.563	1280	1288	1295	rBV	1922118	3245864	14.46%	2.040%
17	10.657	1299	1304	1312	rVB	210623	331565	1.48%	0.208%
18	10.922	1342	1349	1374	rBV	797048	2068392	9.21%	1.300%
19	13.033	1698	1708	1718	rBV	10999551	15862810	70.65%	9.968%
20	13.151	1724	1728	1732	rBV	166030	225835	1.01%	0.142%
21	13.316	1747	1756	1759	rBV2	191399	357975	1.59%	0.225%
22	14.069	1878	1884	1906	rBV	12324217	22452188	100.00%	14.108%
23	14.410	1936	1942	1955	rVB	3122984	4765635	21.23%	2.995%
24	14.710	1988	1993	1998	rVB	218649	298041	1.33%	0.187%
25	14.804	2002	2009	2013	rVV	222494	339872	1.51%	0.214%
26	14.845	2013	2016	2028	rVB	231148	350729	1.56%	0.220%
27	15.010	2040	2044	2052	rVB	387392	559666	2.49%	0.352%
28	15.210	2073	2078	2085	rBV4	139125	277225	1.23%	0.174%
29	15.363	2098	2104	2109	rVB	509977	808997	3.60%	0.508%
30	15.580	2137	2141	2143	rBV	252543	318240	1.42%	0.200%
31	15.610	2143	2146	2155	rVB	559038	686788	3.06%	0.432%
32	15.716	2159	2164	2170	rVB	527658	651621	2.90%	0.409%
33	15.904	2190	2196	2202	rBV2	9419527	13857844	61.72%	8.708%
34	15.963	2202	2206	2226	rVB	5174939	9771662	43.52%	6.140%
35	16.245	2249	2254	2260	rBV	1010252	1213533	5.40%	0.763%
36	16.404	2276	2281	2284	rBV	307971	389478	1.73%	0.245%

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37	16.445	2284	2288	2294	rVB	332910	436286	1.94%	0.274%
38	16.557	2302	2307	2316	rVB	312396	558636	2.49%	0.351%
39	16.680	2324	2328	2335	rVB	222646	332044	1.48%	0.209%
40	16.751	2335	2340	2344	rBV	419958	544203	2.42%	0.342%
41	17.063	2388	2393	2402	rVB	578283	884513	3.94%	0.556%
42	17.157	2402	2409	2417	rBV2	3382229	4810598	21.43%	3.023%
43	17.433	2451	2456	2466	rVB2	99515	229889	1.02%	0.144%
44	17.557	2469	2477	2491	rBV3	410668	1221891	5.44%	0.768%
45	17.827	2519	2523	2527	rBV2	170306	228998	1.02%	0.144%
46	18.062	2557	2563	2572	rBV	3636537	5696219	25.37%	3.579%
47	18.833	2689	2694	2700	rBV4	134037	243981	1.09%	0.153%
48	19.221	2752	2760	2769	rBV3	606864	1632867	7.27%	1.026%
49	19.339	2776	2780	2792	rBV	1432747	2422916	10.79%	1.522%
50	19.604	2821	2825	2834	rVB	612402	776694	3.46%	0.488%
51	19.786	2850	2856	2868	rVB	18160735	21452296	95.55%	13.480%
52	20.633	2996	3000	3003	rBV	283621	321786	1.43%	0.202%
53	21.086	3074	3077	3086	rBV4	202696	506477	2.26%	0.318%
54	21.398	3125	3130	3144	rVB	2970196	4407717	19.63%	2.770%
55	22.503	3315	3318	3324	rVB	456540	714688	3.18%	0.449%
56	24.403	3633	3641	3653	rVB	1761609	4479078	19.95%	2.815%

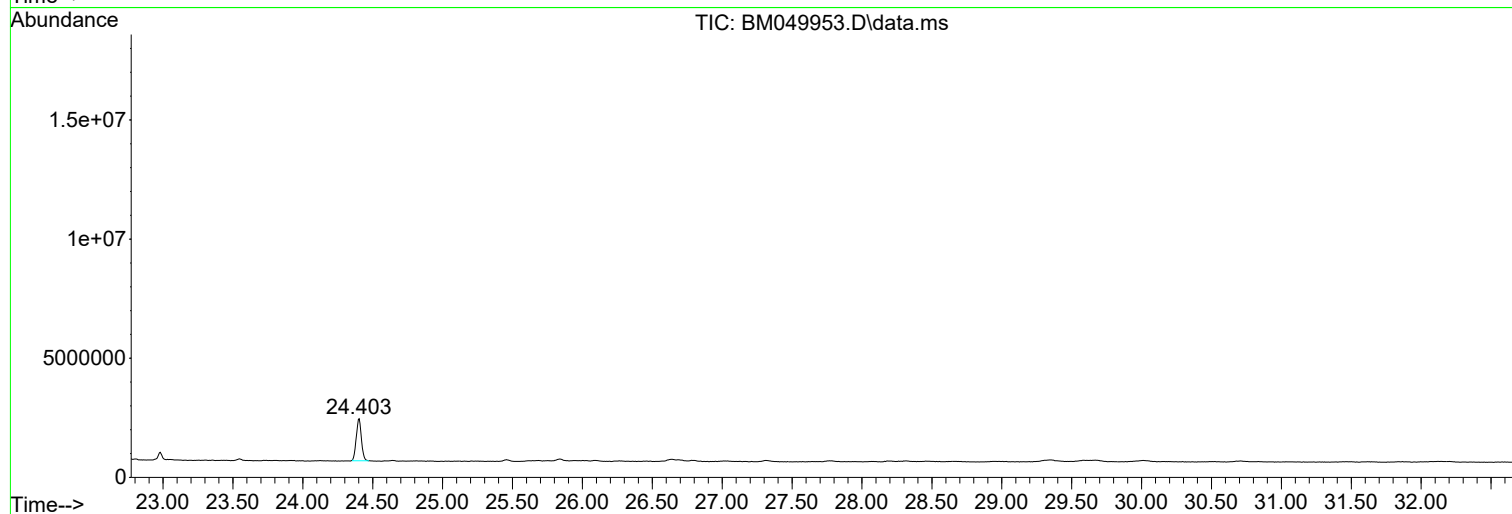
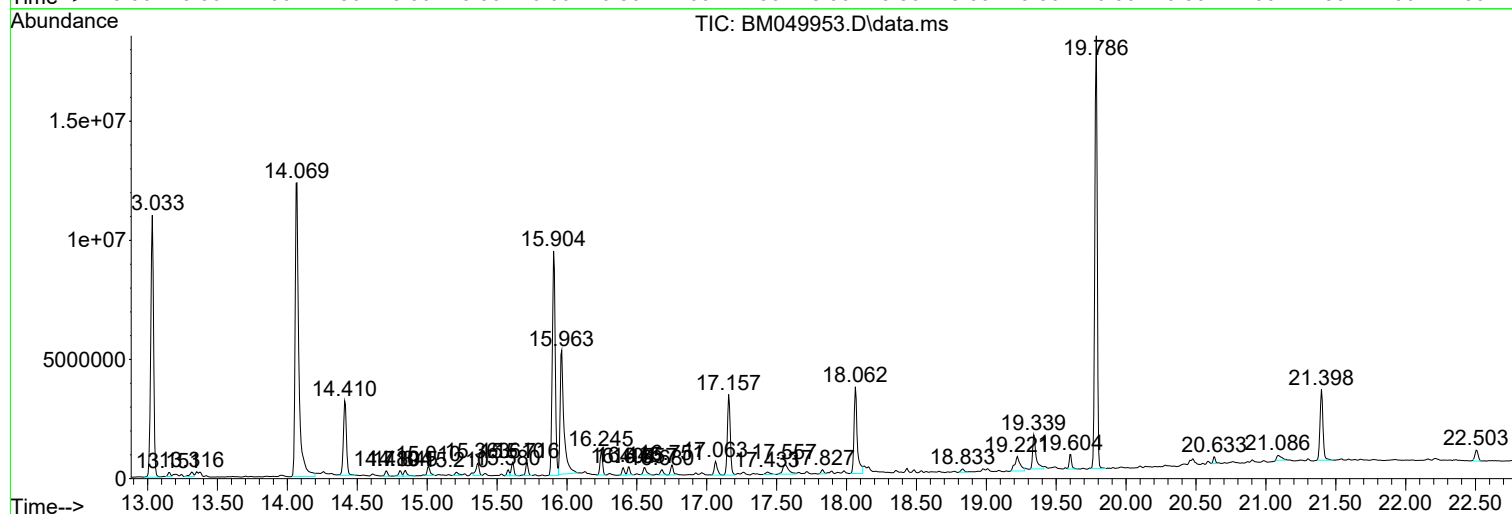
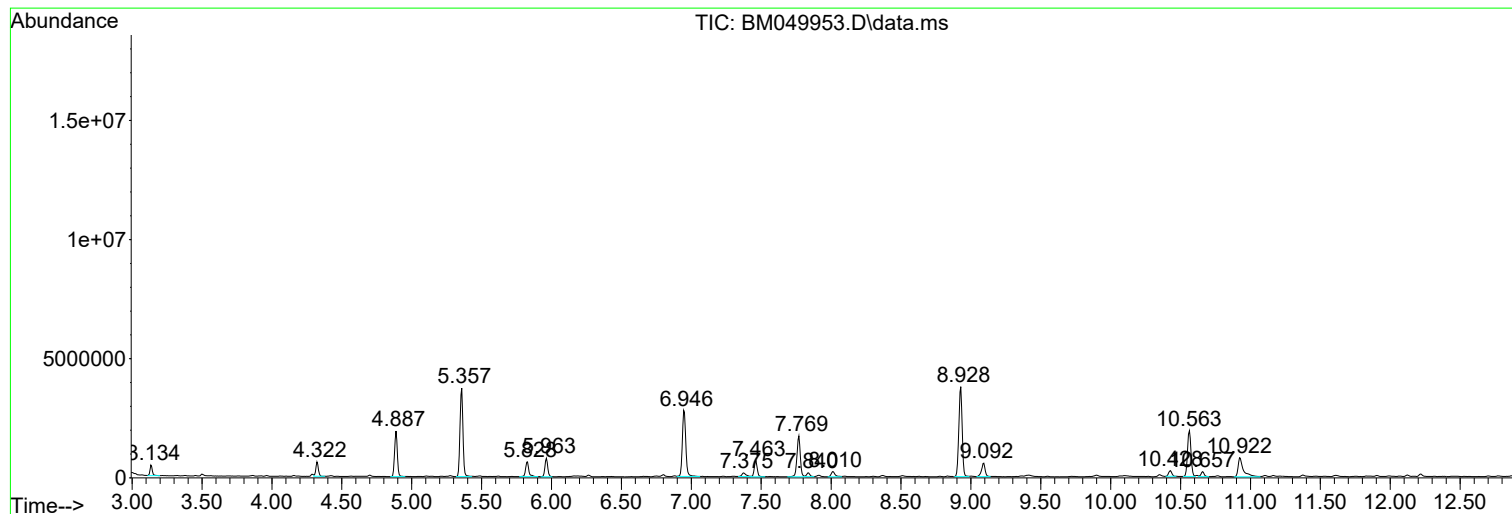
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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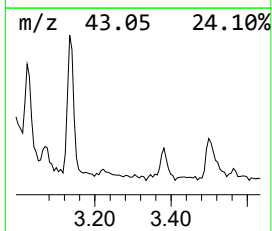
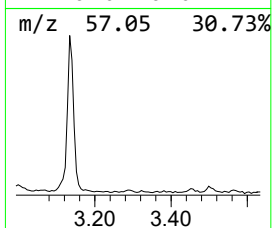
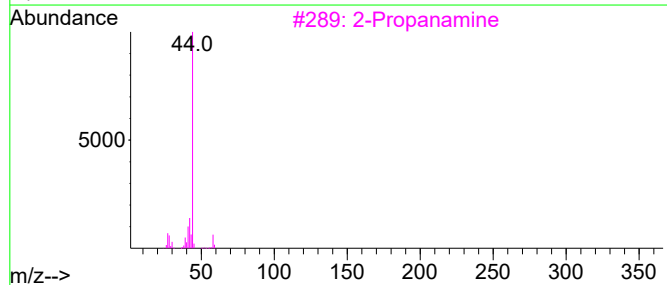
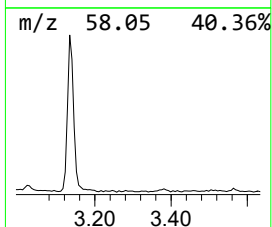
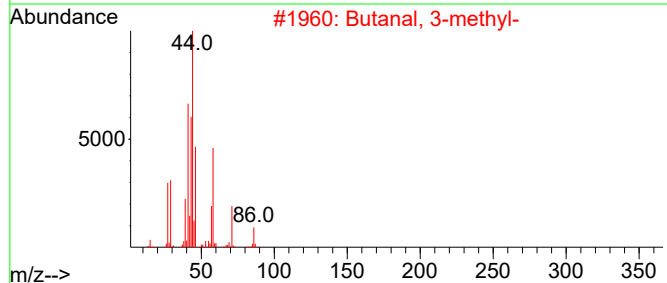
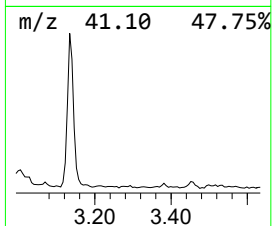
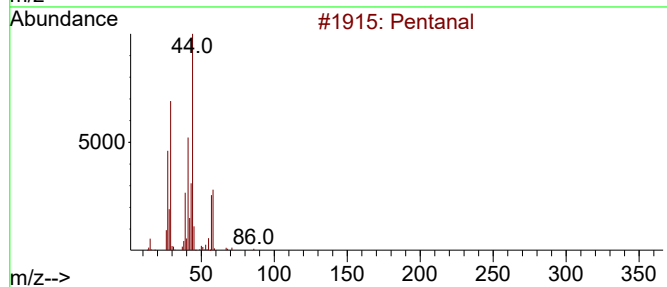
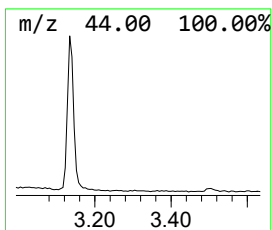
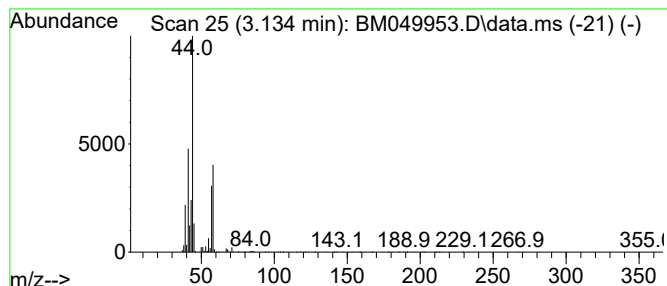
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	3.66 ng	523984	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	90
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
3			2-Propanamine	59	C3H9N	000075-31-0	38
4			Glycidol	74	C3H6O2	000556-52-5	33
5			Cyclopropyl carbinol	72	C4H8O	002516-33-8	33



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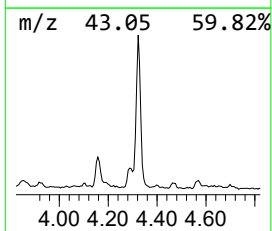
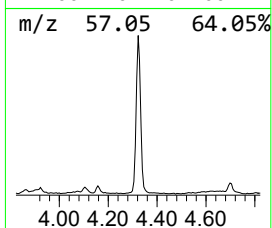
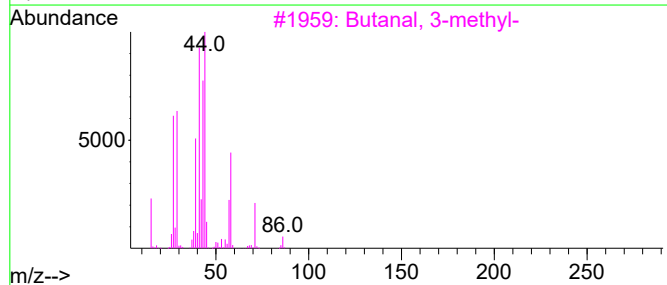
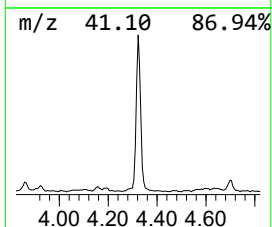
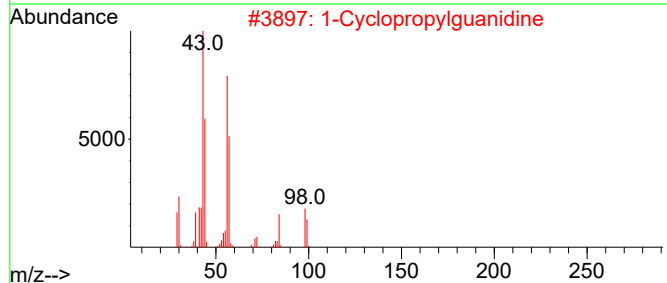
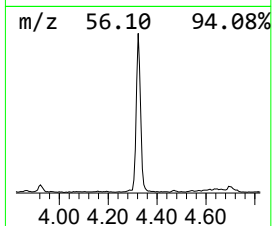
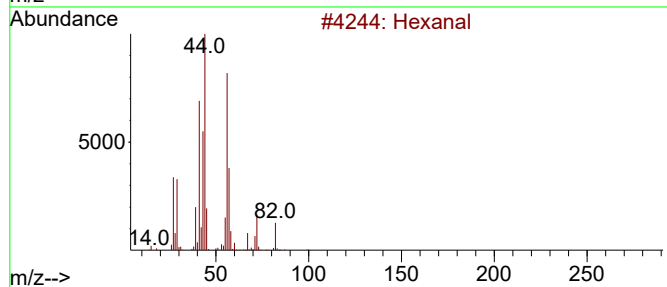
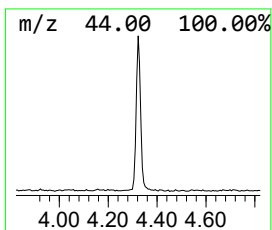
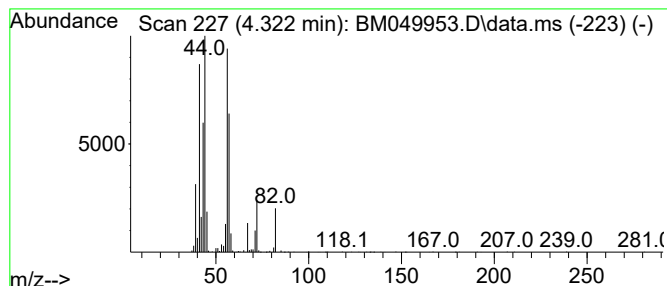
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.322	5.27 ng	753378	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	91
2			1-Cyclopropylguanidine	99	C4H9N3	168627-33-6	38
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	35
4			1,5-Pentanediol	104	C5H12O2	000111-29-5	28
5			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	27



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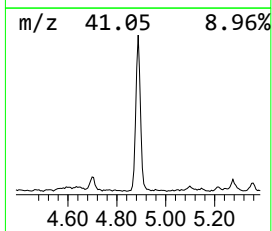
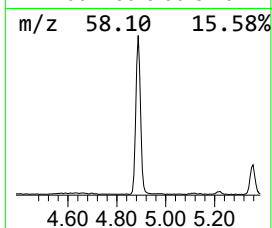
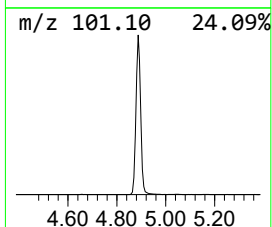
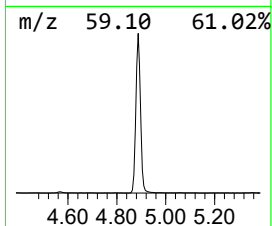
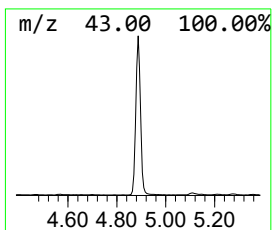
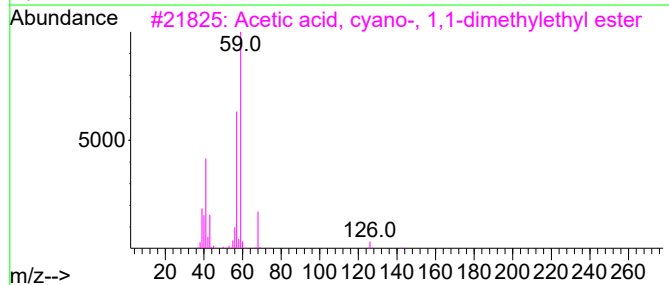
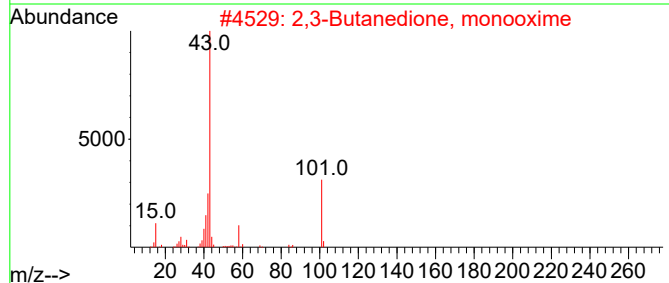
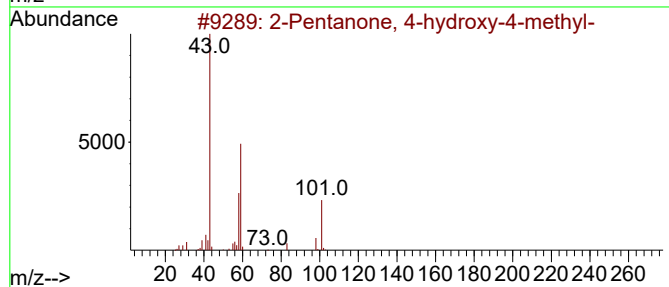
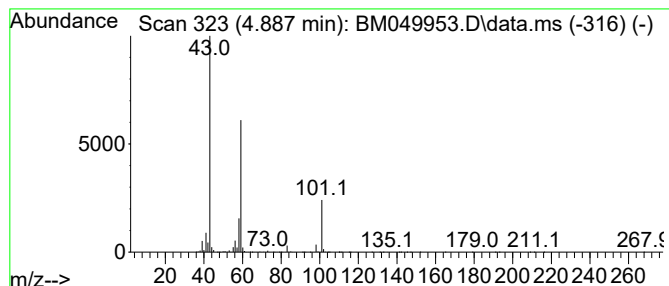
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	18.04 ng	2581060	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9		



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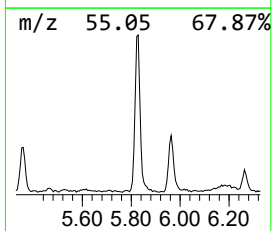
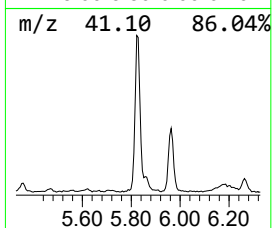
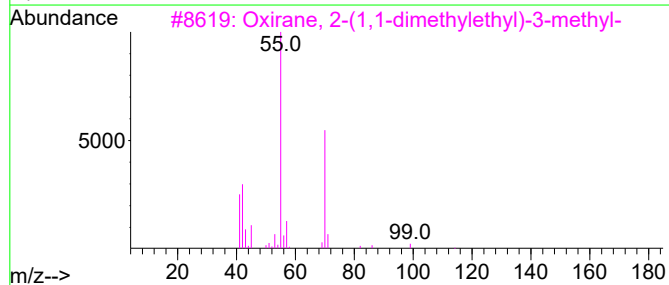
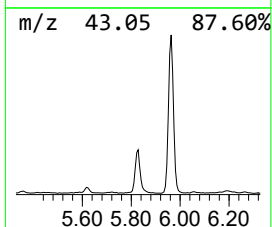
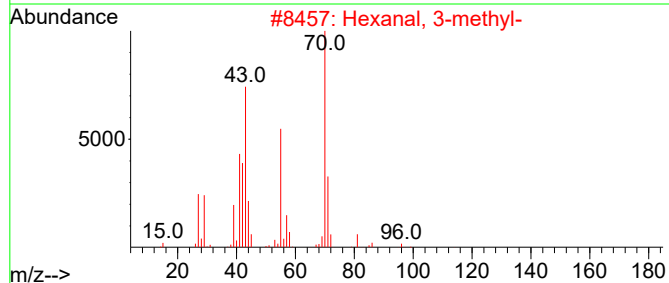
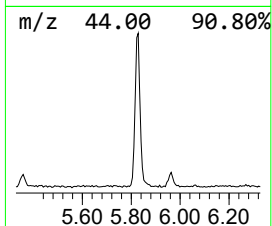
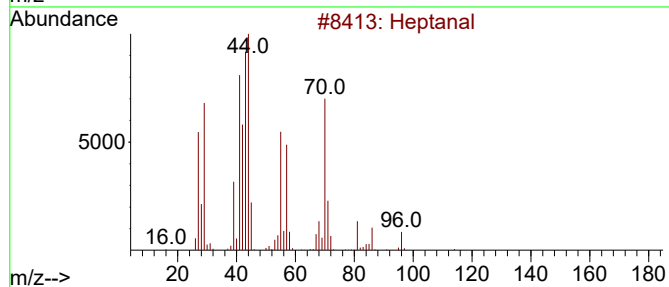
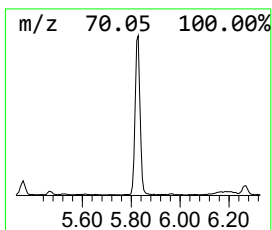
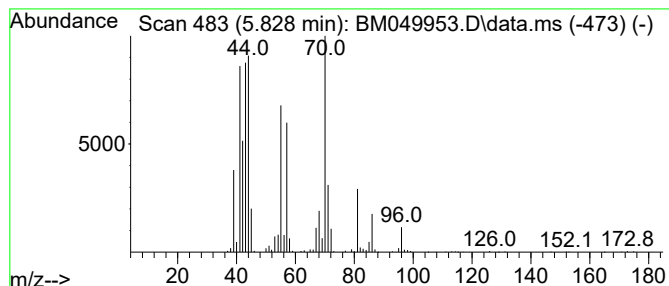
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Peak Number 4 Heptanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	7.00 ng	1002080	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	97
2			Hexanal, 3-methyl-	114	C7H14O	019269-28-4	49
3			Oxirane, 2-(1,1-dimethylethyl)-3...	114	C7H14O	053897-30-6	38
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	38
5			3,3-Bis(carbamino)diaziridine	130	C3H6N4O2	054972-18-8	37



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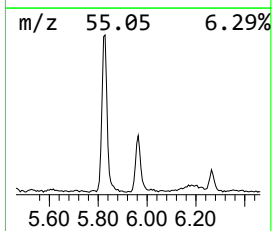
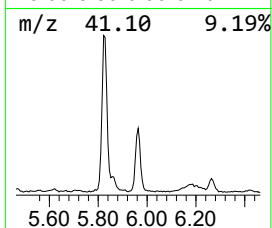
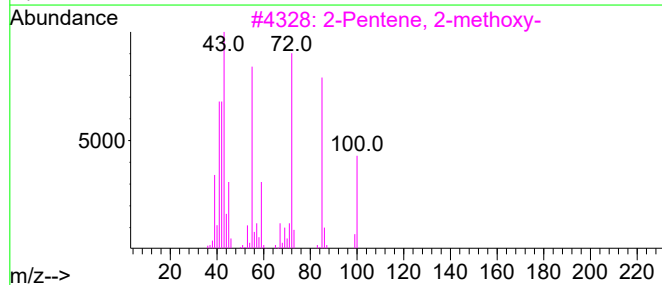
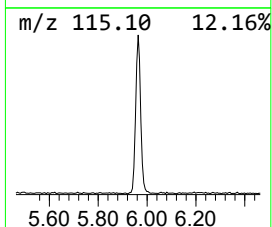
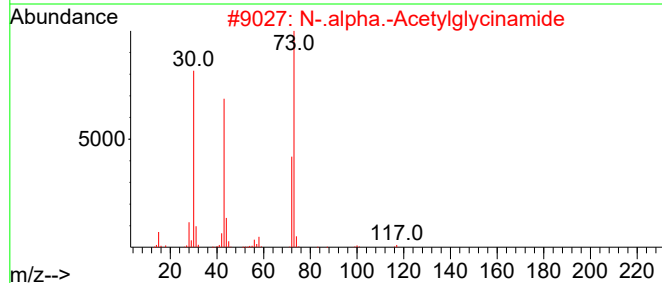
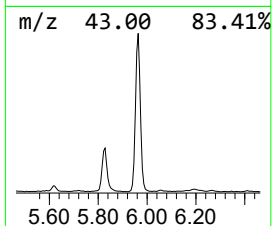
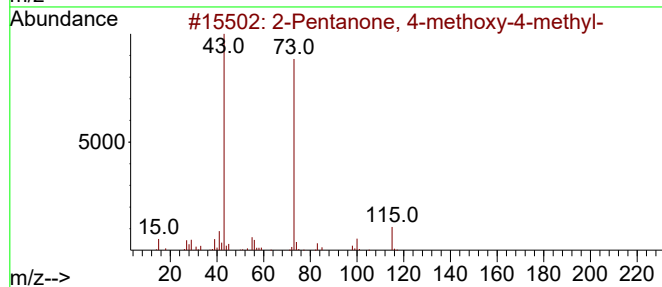
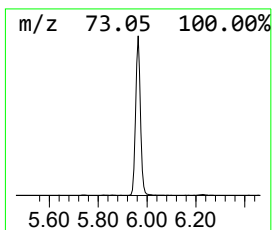
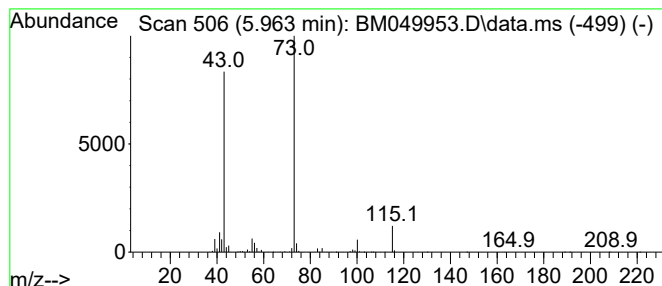
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	7.71 ng	1103420	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2			N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
3			2-Pentene, 2-methoxy-	100	C6H12O	061142-47-0	14
4			N-Formylmorpholine	115	C5H9NO2	004394-85-8	9
5			1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
Operator : RC/JU
Sample : Q1810-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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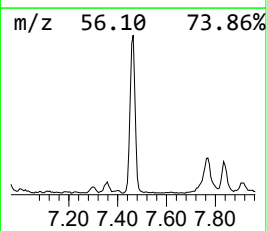
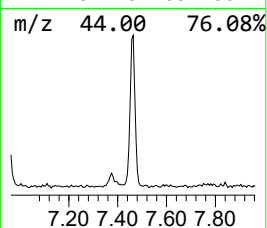
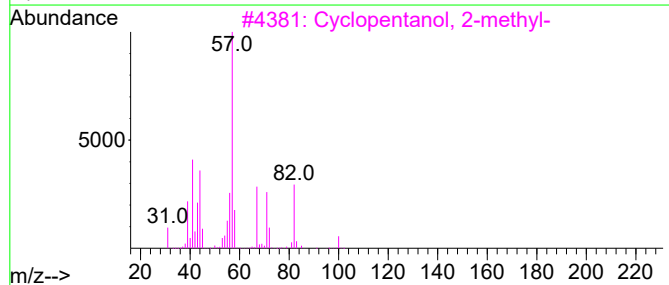
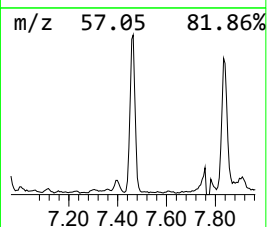
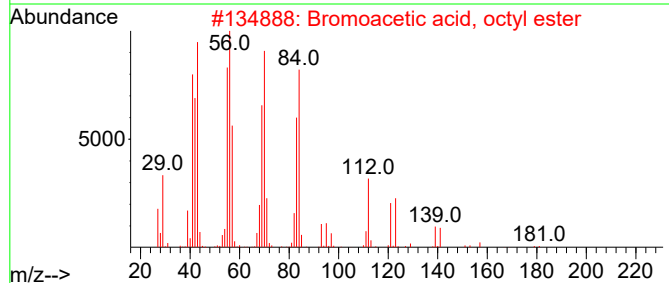
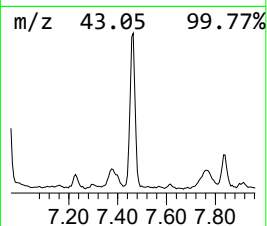
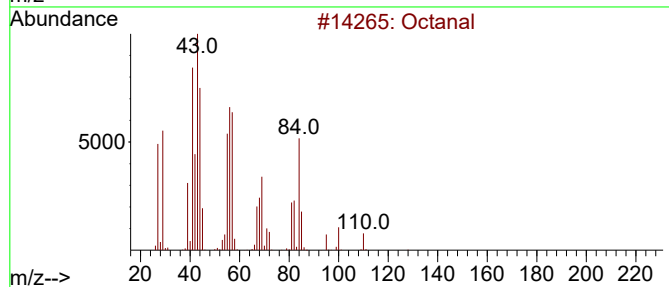
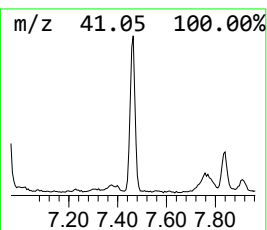
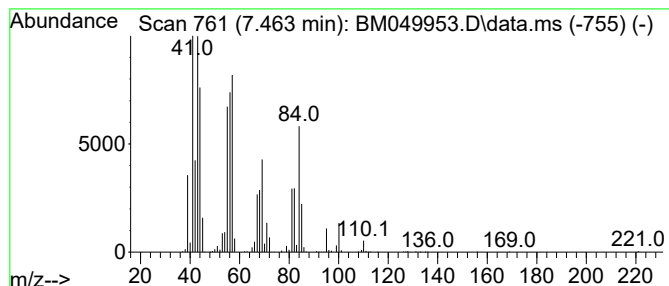
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.463	6.91 ng	988302	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanal	128	C8H16O	000124-13-0	94
2			Bromoacetic acid, octyl ester	250	C10H19BrO2	038674-98-5	43
3			Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	38
4			Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	38
5			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
Operator : RC/JU
Sample : Q1810-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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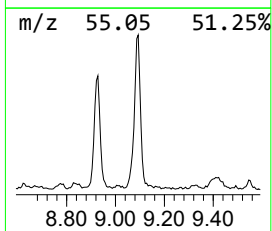
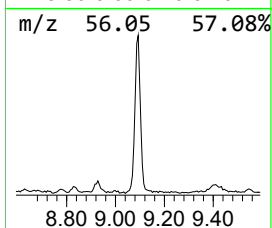
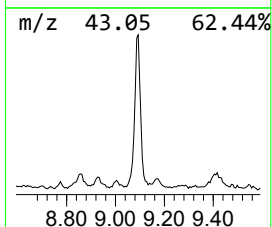
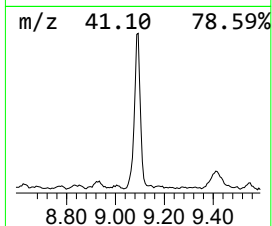
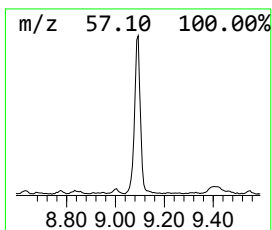
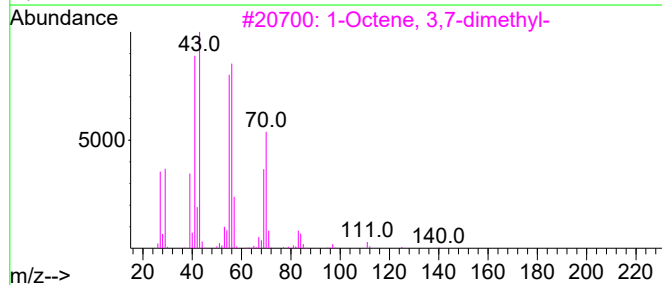
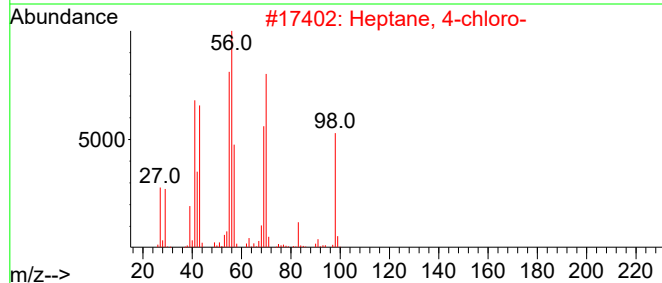
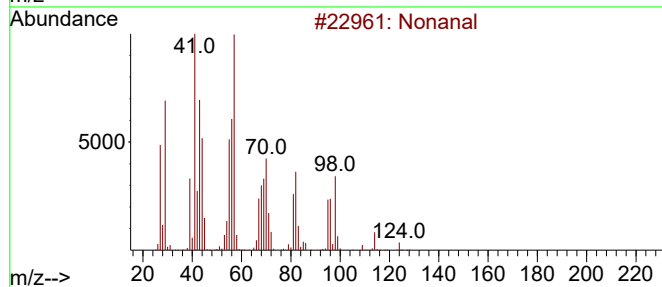
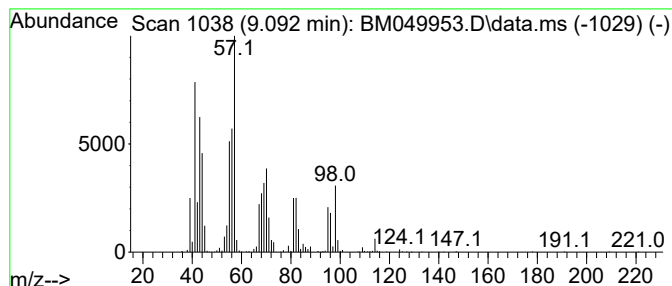
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	7.02 ng	1003870	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	35
3			1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	30
4			Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27
5			Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
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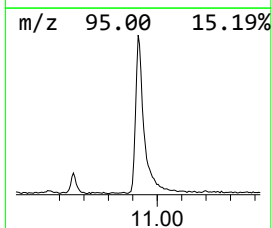
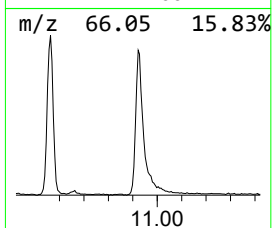
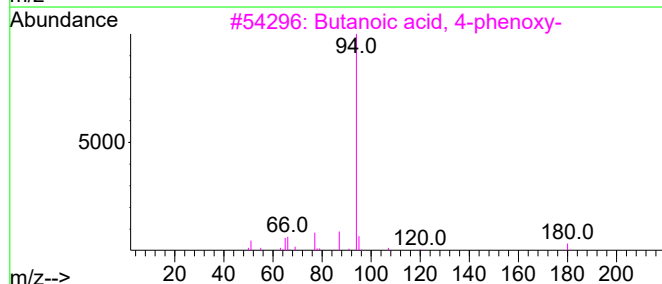
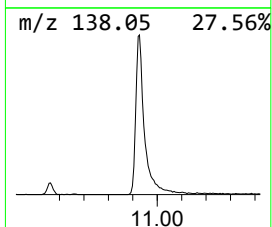
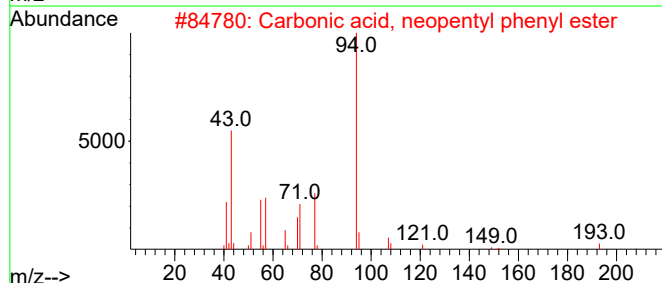
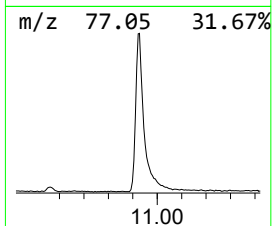
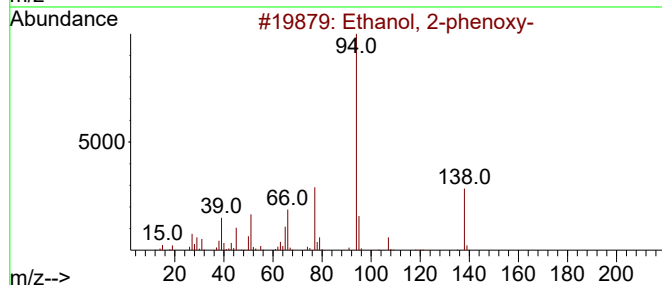
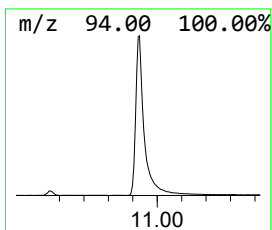
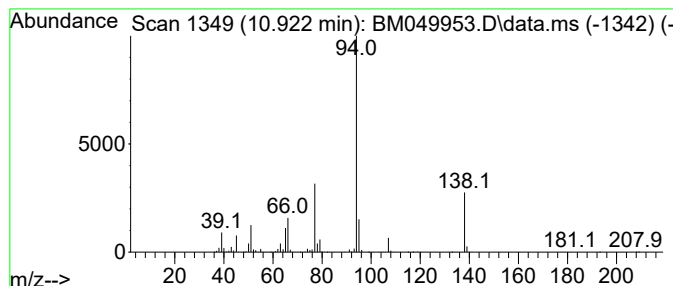
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-phenoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	12.74 ng	2068390	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2			Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
3			Butanoic acid, 4-phenoxy-	180	C10H12O3	006303-58-8	53
4			Benzene, ethoxy-	122	C8H10O	000103-73-1	53
5			Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
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ALS Vial : 11 Sample Multiplier: 1

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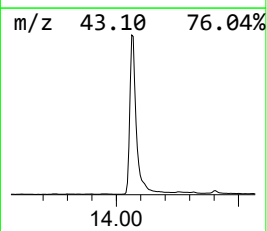
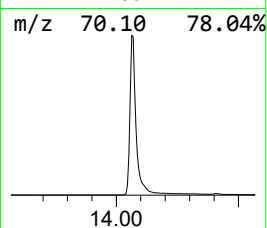
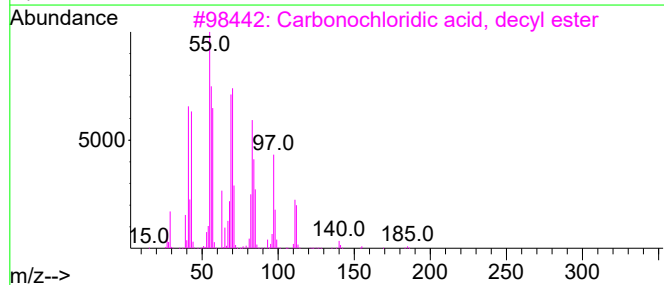
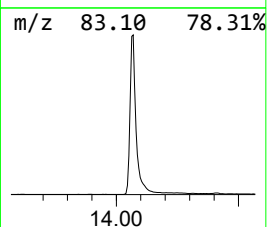
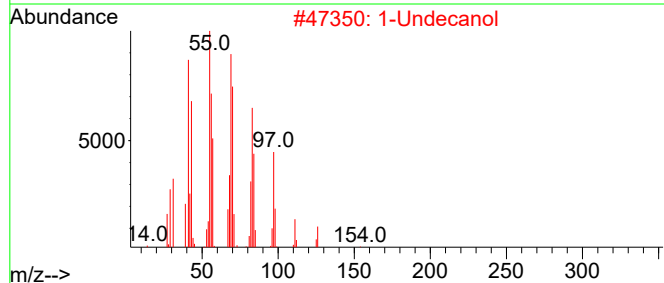
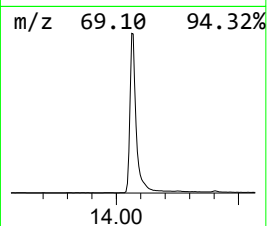
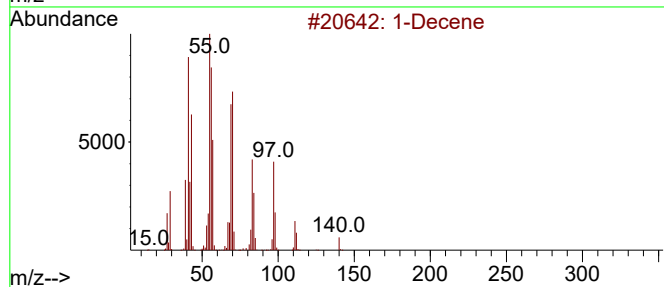
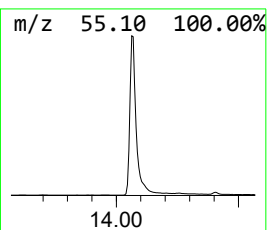
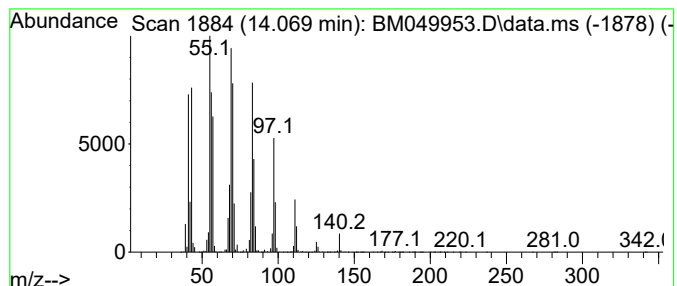
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Decene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	94.23 ng	22452200	Acenaphthene-d10	14.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene	140	C10H20	000872-05-9	95
2			1-Undecanol	172	C11H24O	000112-42-5	91
3			Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	91
4			Cyclododecane	168	C12H24	000294-62-2	91
5			1-Dodecanol	186	C12H26O	000112-53-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
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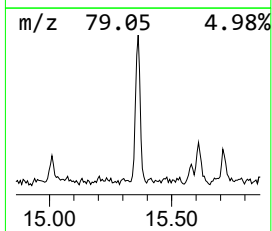
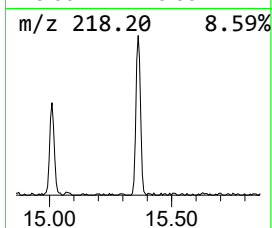
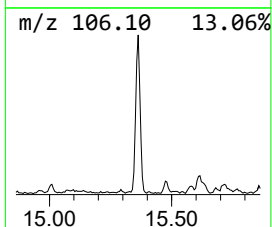
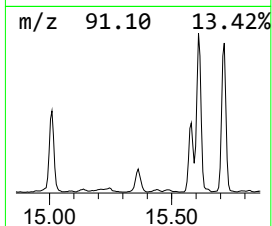
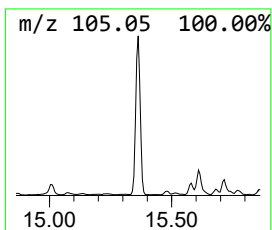
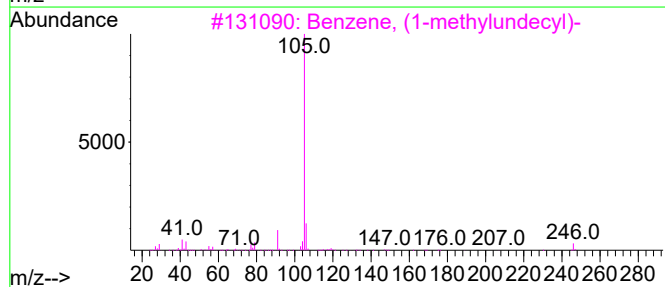
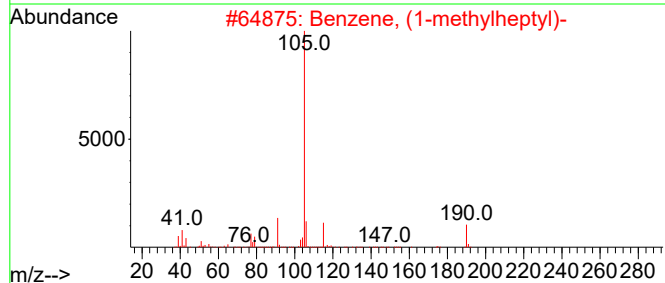
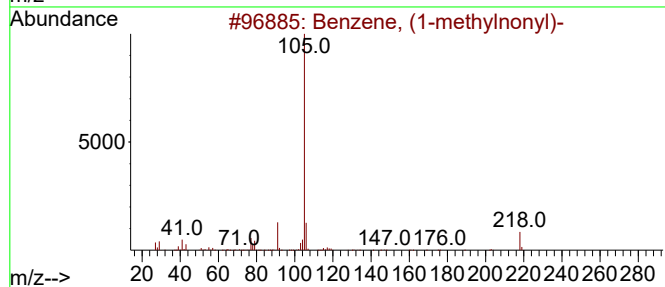
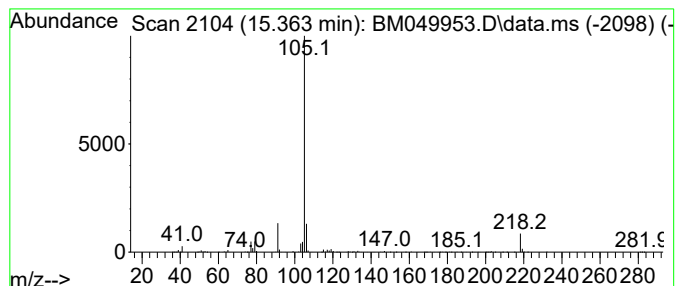
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, (1-methylnonyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.363	3.40 ng	808997	Acenaphthene-d10	14.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	91
2	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	72
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
5	2-Methylbenzylamine, N,N-dihexyl-	289	C20H35N	1000310-39-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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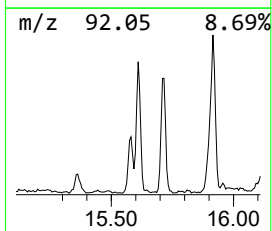
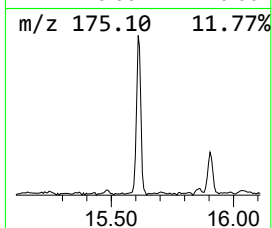
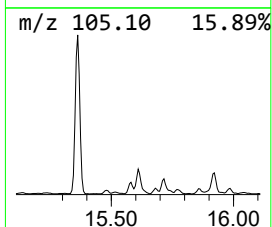
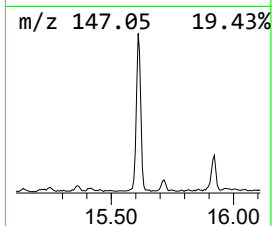
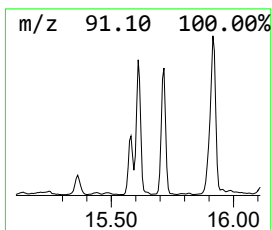
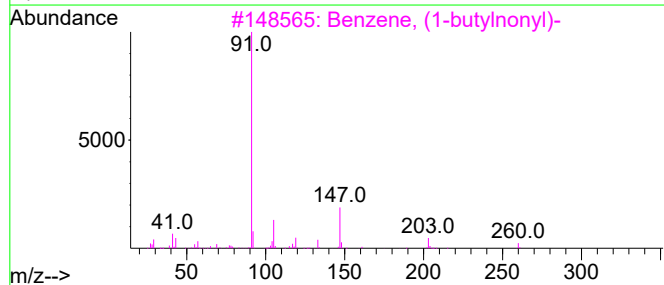
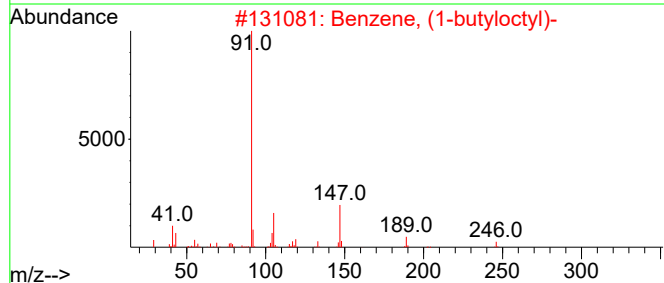
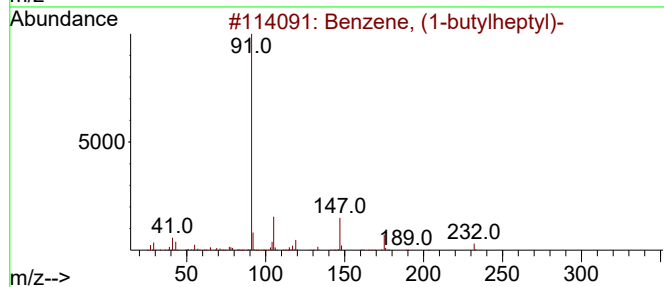
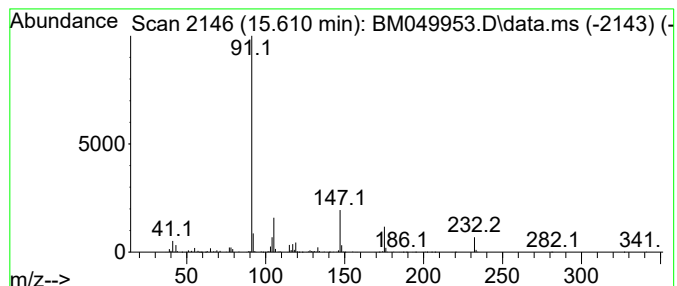
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, (1-butylheptyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.610	2.88 ng	686788	Acenaphthene-d10	14.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	95
2		Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	64
3		Benzene, (1-butylonyl)-	260	C19H32	004534-50-3	59
4		Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	50
5		Benzene, (1-ethylonyl)-	232	C17H28	004536-87-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
Operator : RC/JU
Sample : Q1810-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

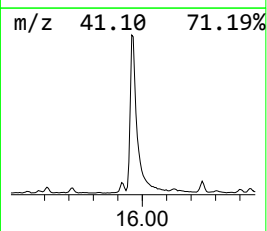
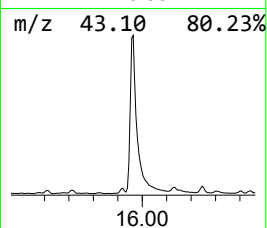
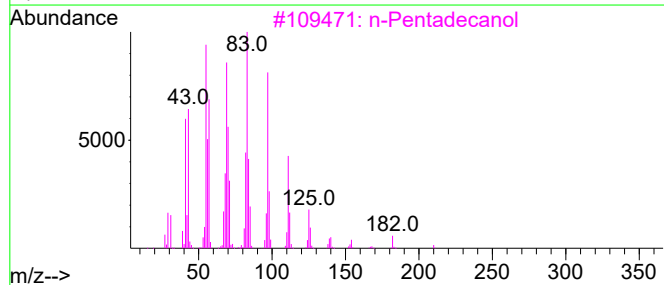
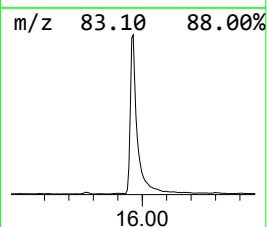
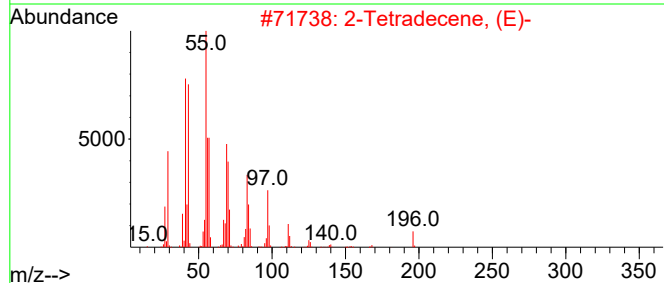
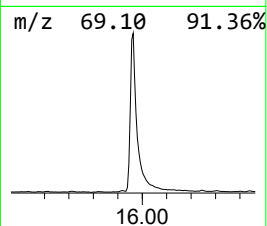
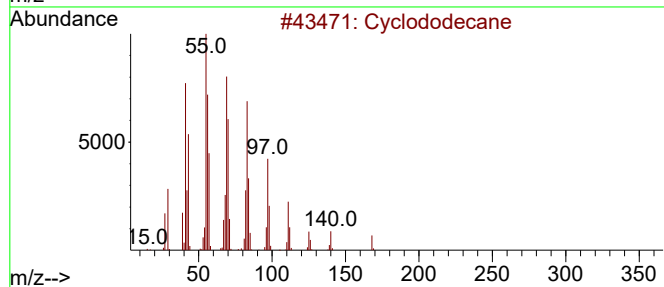
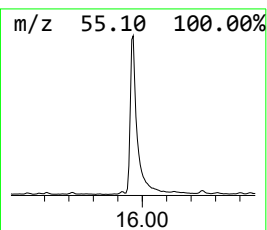
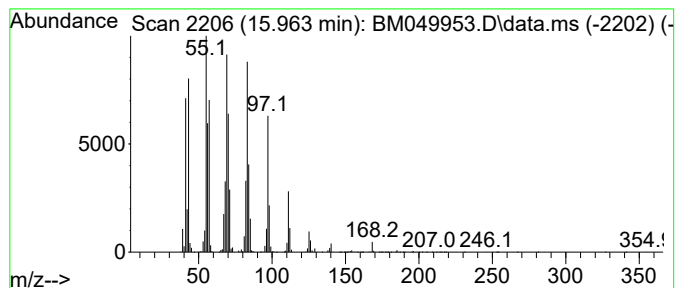
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclododecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	40.63 ng	9771660	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	97
2			2-Tetradecene, (E)-	196	C14H28	035953-54-9	97
3			n-Pentadecanol	228	C15H32O	000629-76-5	91
4			1-Tetradecanol	214	C14H30O	000112-72-1	91
5			n-Tridecan-1-ol	200	C13H28O	000112-70-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
Operator : RC/JU
Sample : Q1810-02
Misc :
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Instrument :
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ClientSampleId :
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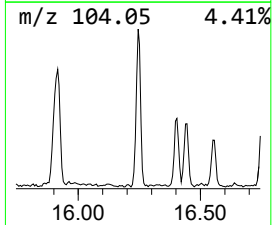
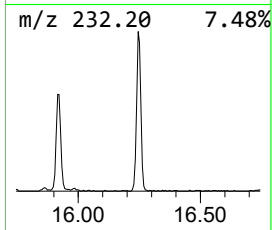
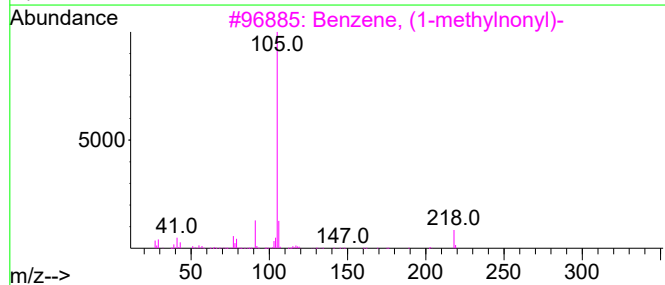
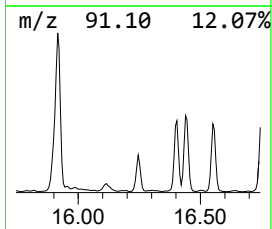
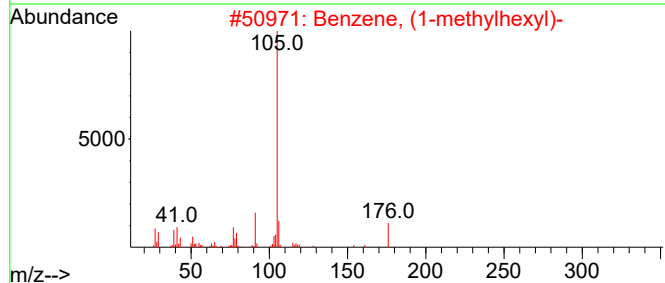
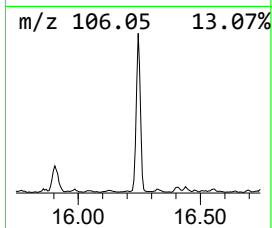
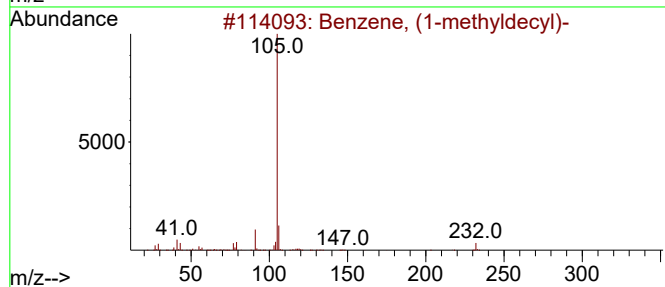
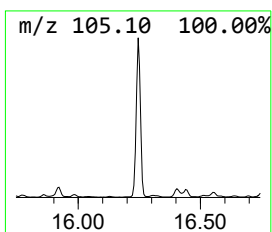
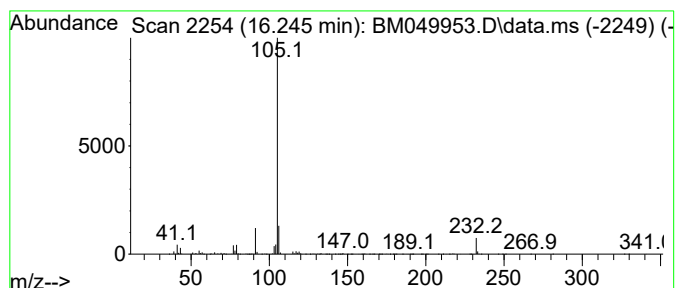
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, (1-methyldecyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.245	5.05 ng	1213530	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	87
2			Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	83
3			Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
4			Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	64
5			1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1010194-52-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
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Misc :
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ClientSampleId :
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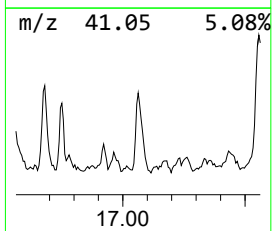
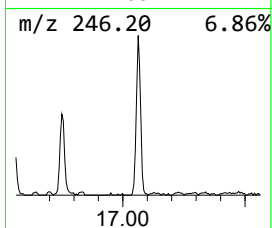
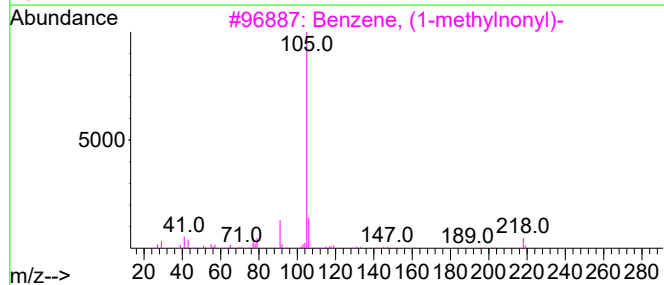
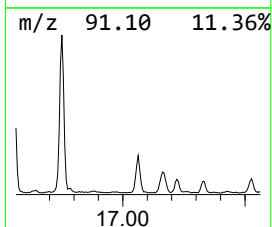
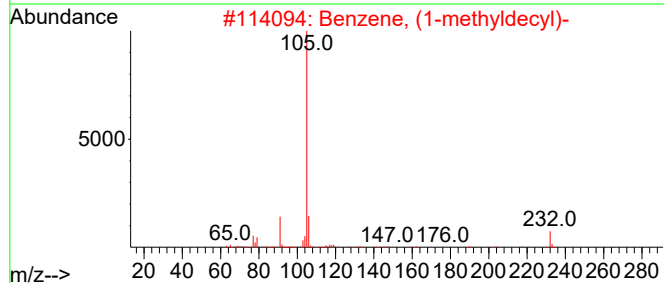
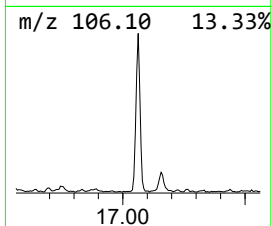
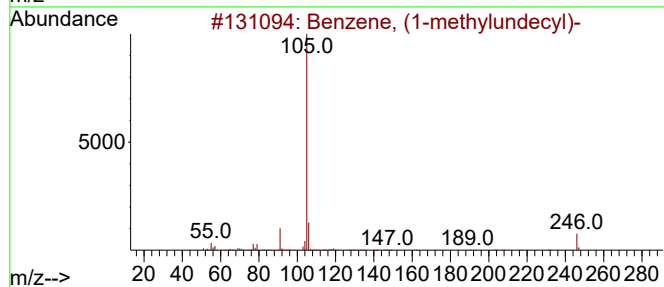
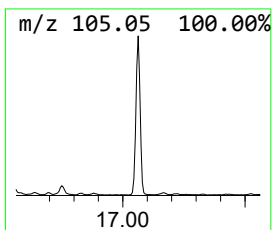
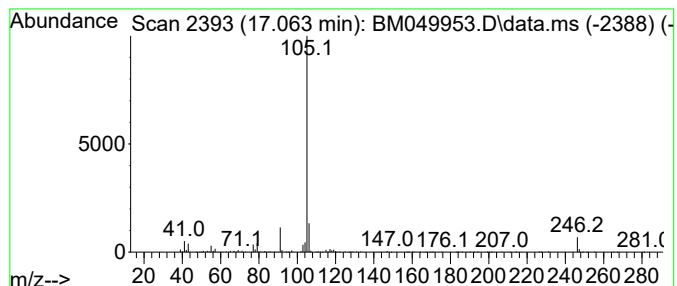
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, (1-methylundecyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	3.68 ng	884513	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	95
2			Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	87
3			Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
4			Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	72
5			Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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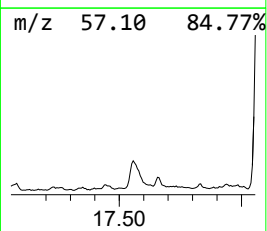
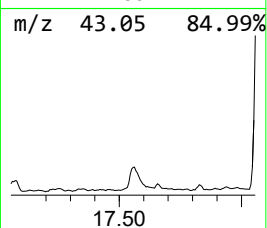
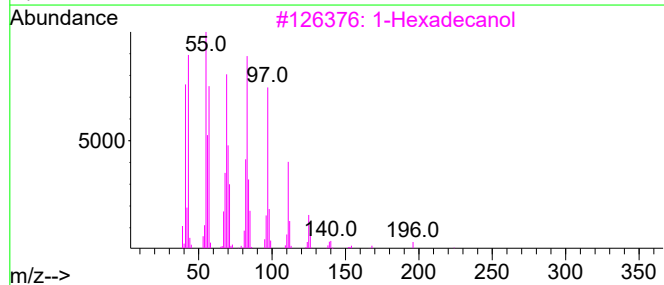
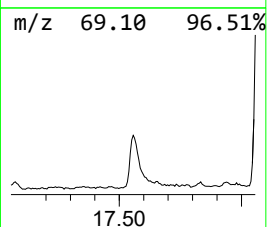
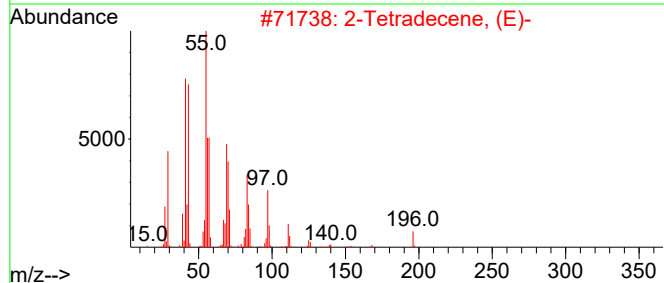
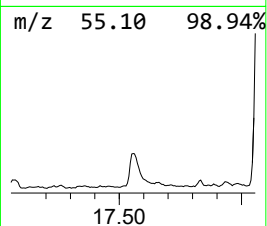
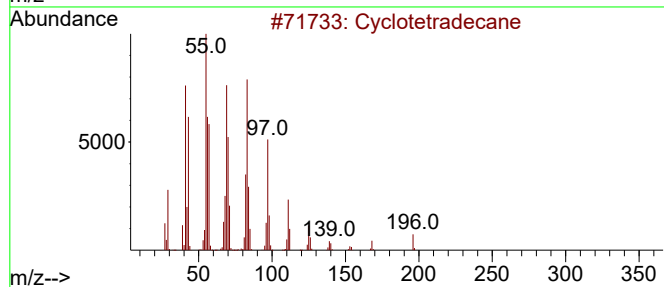
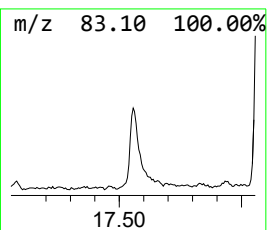
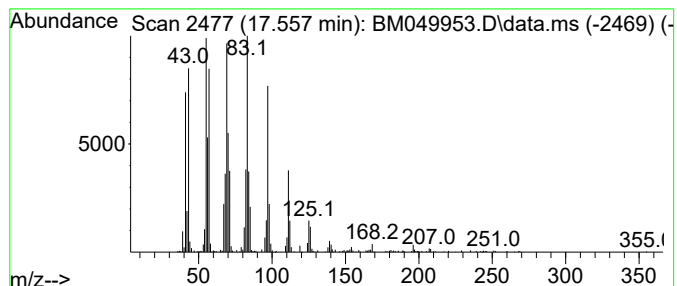
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclotetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.557	5.08 ng	1221890	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	96
2			2-Tetradecene, (E)-	196	C14H28	035953-54-9	95
3			1-Hexadecanol	242	C16H34O	036653-82-4	95
4			n-Pentadecanol	228	C15H32O	000629-76-5	94
5			1-Tetradecanol	214	C14H30O	000112-72-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
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Instrument :
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ClientSampleId :
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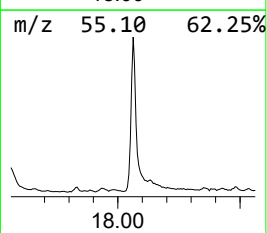
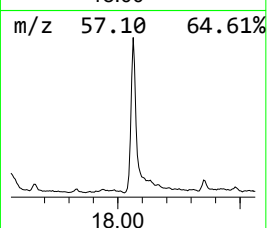
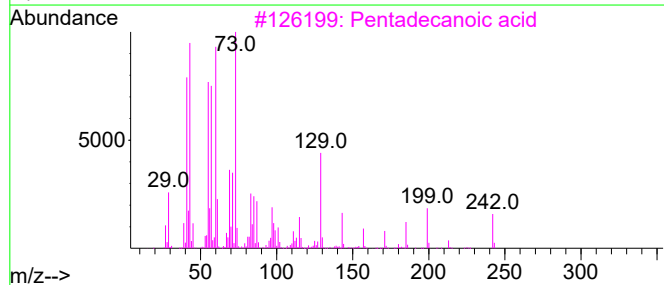
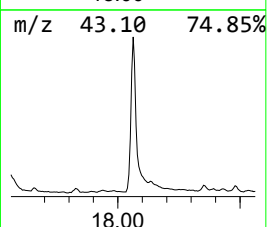
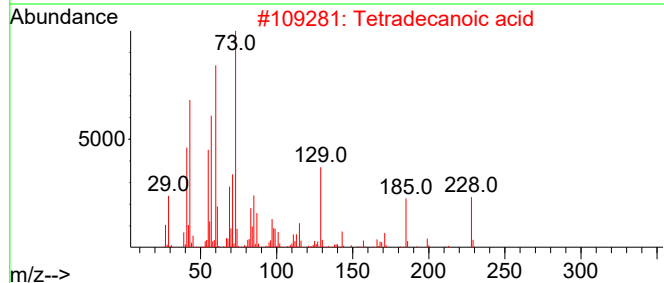
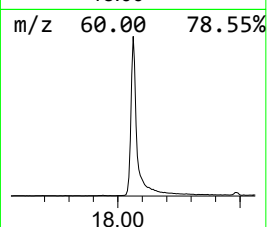
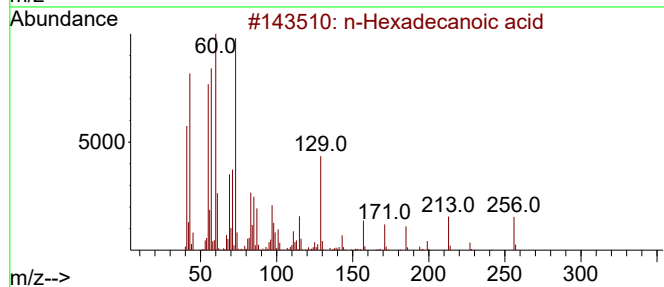
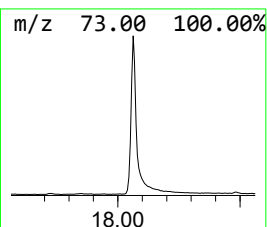
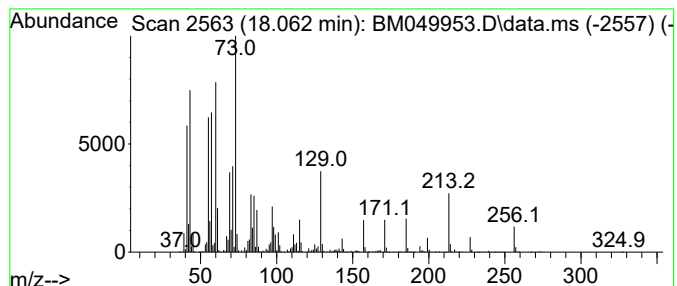
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	23.68 ng	5696220	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
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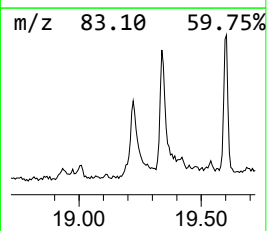
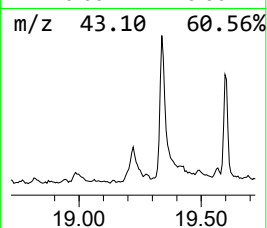
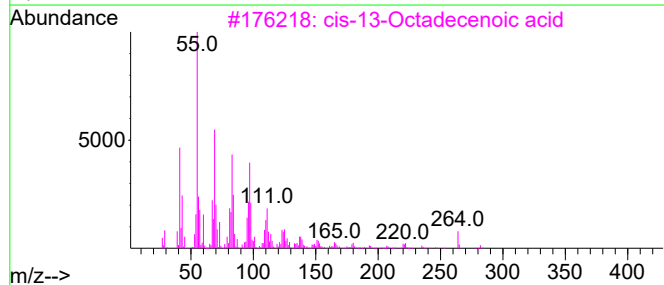
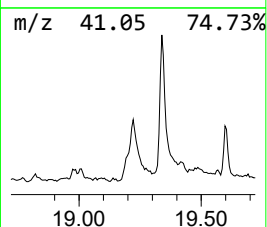
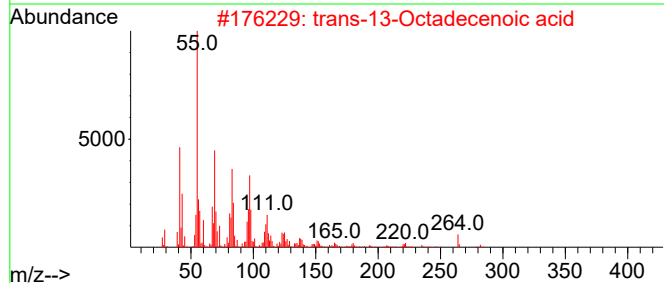
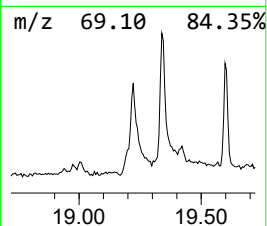
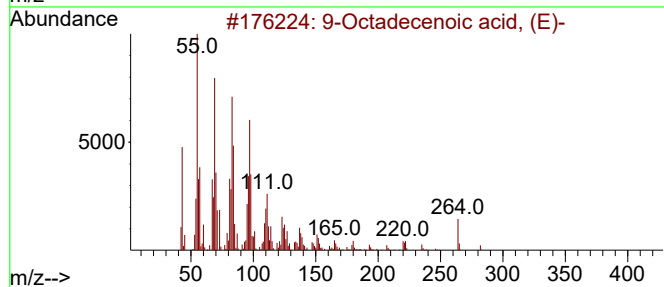
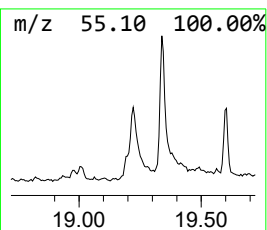
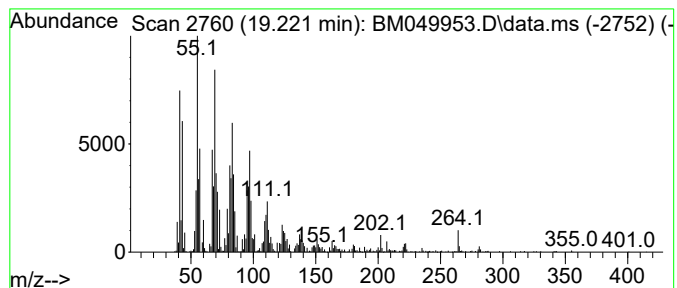
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.221	6.79 ng	1632870	Phenanthrene-d10	17.157	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	93
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93
5	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
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ALS Vial : 11 Sample Multiplier: 1

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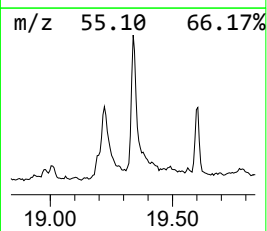
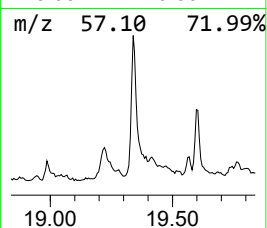
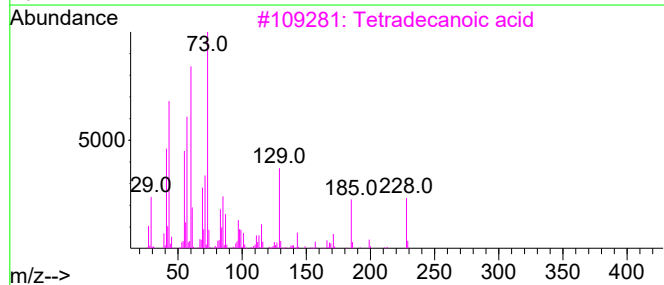
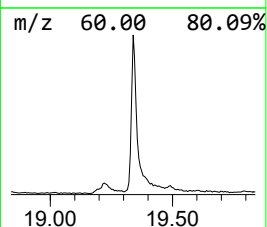
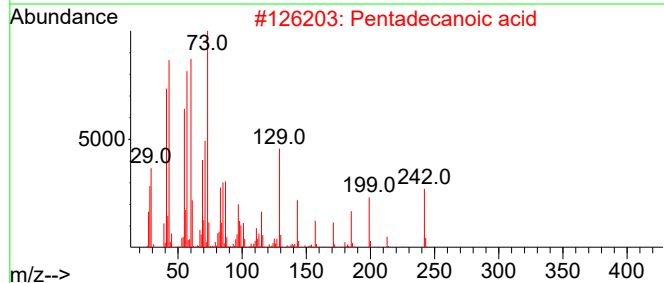
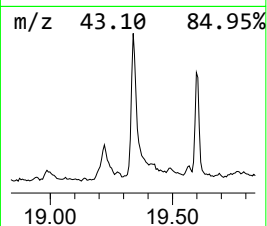
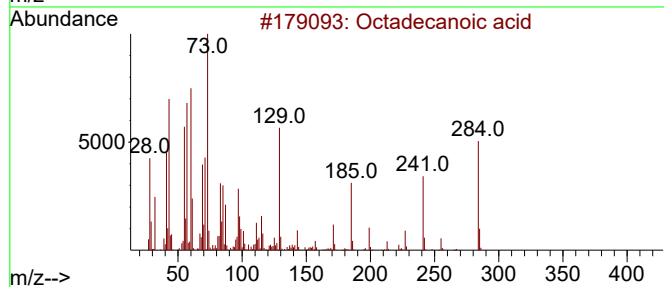
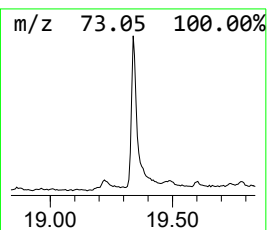
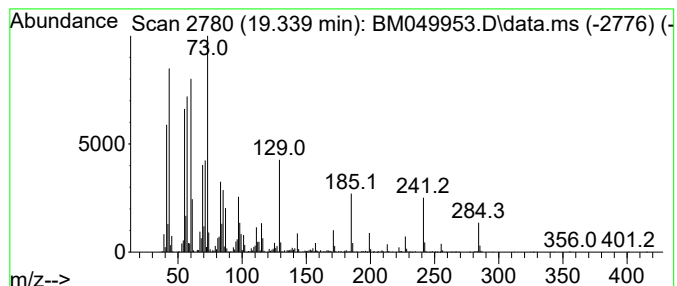
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	10.99 ng	2422920	Chrysene-d12	21.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
Operator : RC/JU
Sample : Q1810-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

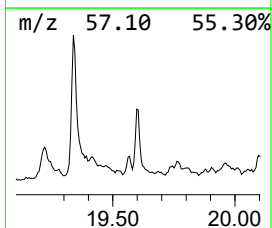
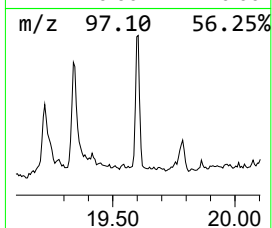
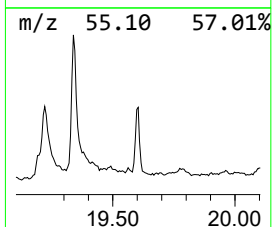
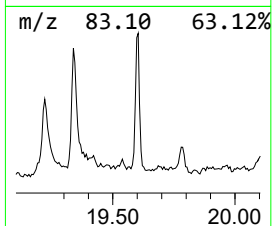
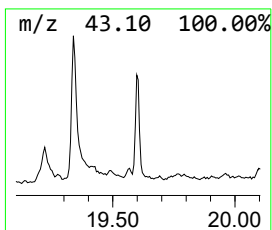
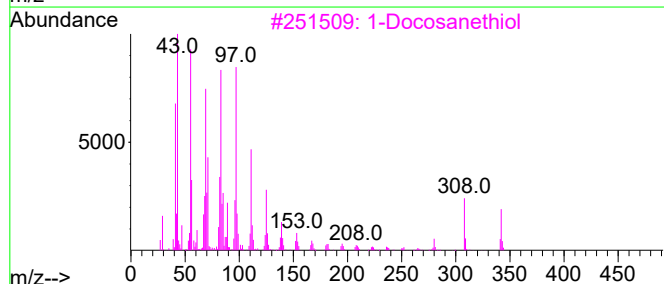
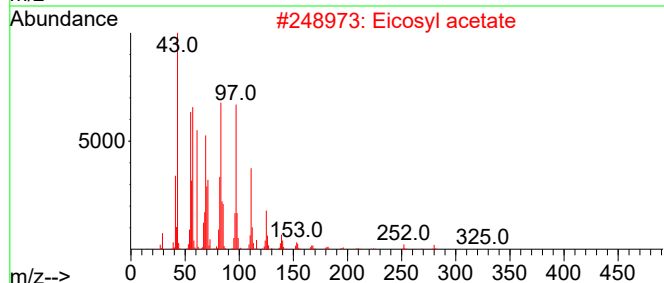
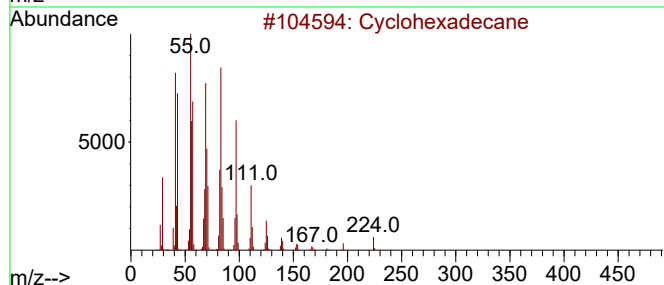
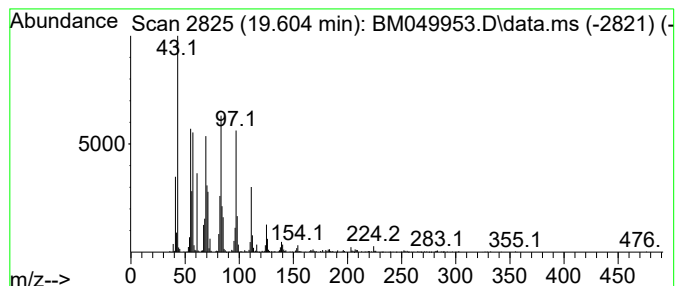
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclohexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.604	3.52 ng	776694	Chrysene-d12	21.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	94
2			Eicosyl acetate	340	C22H44O2	000822-24-2	94
3			1-Docosanethiol	342	C22H46S	007773-83-3	93
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
Operator : RC/JU
Sample : Q1810-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

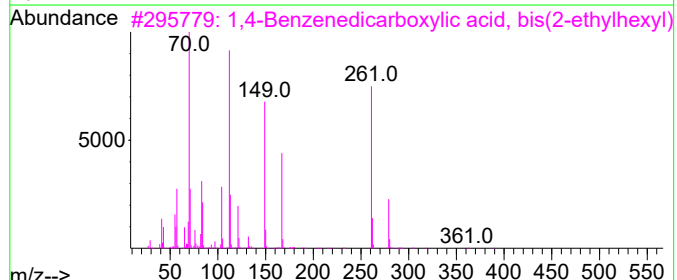
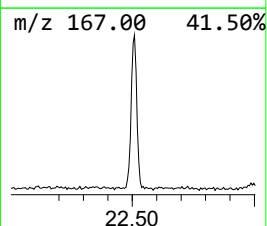
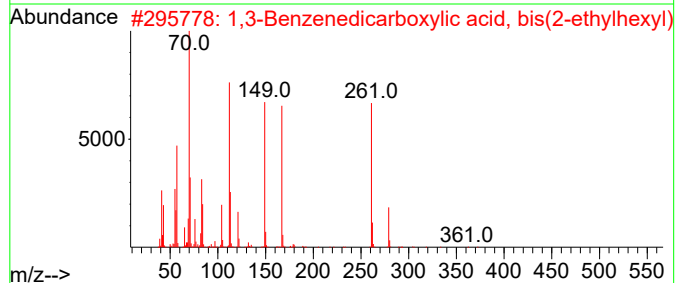
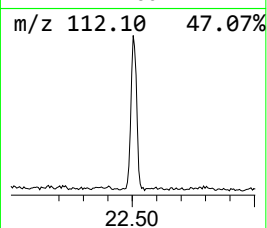
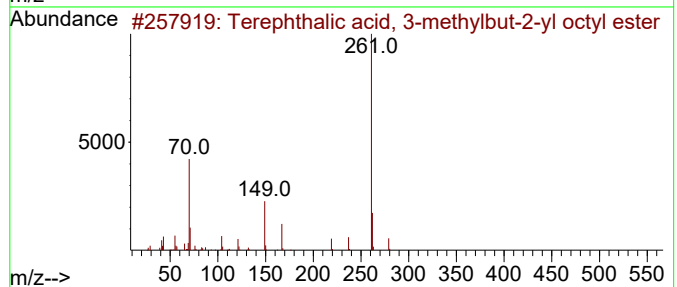
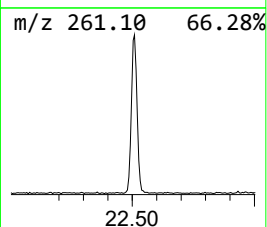
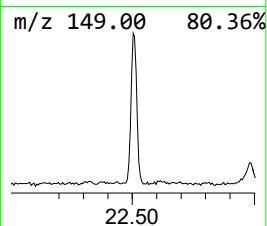
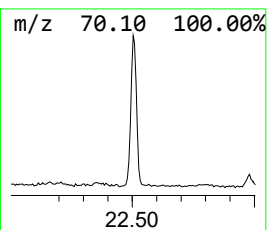
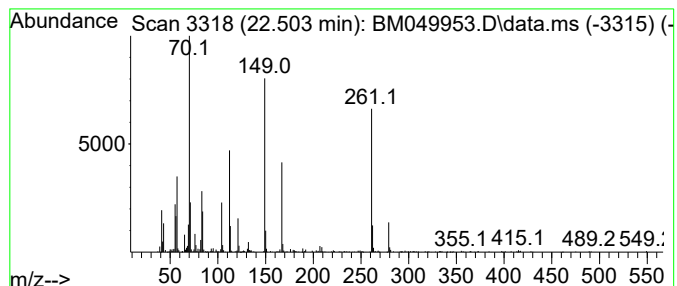
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Terephthalic acid, 3-methyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.503	3.24 ng	714688	Chrysene-d12	21.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	80
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
3			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
4			4-(Butoxycarbonyl)benzoic acid	222	C12H14O4	001818-06-0	42
5			Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049953.D
 Acq On : 16 Apr 2025 15:26
 Operator : RC/JU
 Sample : Q1810-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MOO-25-0118

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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
Pentanal	3.134	3.7	ng	523984	1	7.769	2861140	20.0
Hexanal	4.322	5.3	ng	753378	1	7.769	2861140	20.0
2-Pentanone, 4-...	4.887	18.0	ng	2581060	1	7.769	2861140	20.0
Heptanal	5.828	7.0	ng	1002080	1	7.769	2861140	20.0
2-Pentanone, 4-...	5.963	7.7	ng	1103420	1	7.769	2861140	20.0
Octanal	7.463	6.9	ng	988302	1	7.769	2861140	20.0
Nonanal	9.092	7.0	ng	1003870	1	7.769	2861140	20.0
Ethanol, 2-phen...	10.922	12.7	ng	2068390	2	10.563	3245860	20.0
1-Decene	14.069	94.2	ng	22452200	3	14.410	4765640	20.0
Benzene, (1-met...	15.363	3.4	ng	808997	3	14.410	4765640	20.0
Benzene, (1-but...	15.610	2.9	ng	686788	3	14.410	4765640	20.0
Cyclododecane	15.963	40.6	ng	9771660	4	17.157	4810600	20.0
Benzene, (1-met...	16.245	5.0	ng	1213530	4	17.157	4810600	20.0
Benzene, (1-met...	17.063	3.7	ng	884513	4	17.157	4810600	20.0
Cyclotetradecane	17.557	5.1	ng	1221890	4	17.157	4810600	20.0
n-Hexadecanoic ...	18.063	23.7	ng	5696220	4	17.157	4810600	20.0
9-Octadecenoic ...	19.221	6.8	ng	1632870	4	17.157	4810600	20.0
Octadecanoic acid	19.339	11.0	ng	2422920	5	21.398	4407720	20.0
Cyclohexadecane	19.604	3.5	ng	776694	5	21.398	4407720	20.0
Terephthalic ac...	22.503	3.2	ng	714688	5	21.398	4407720	20.0