

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050133.D
 Acq On : 07 May 2025 13:12
 Operator : RC/JU
 Sample : Q1938-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOWER-WALL-PILE-A

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	315	319	332	rVB	251766	389798	3.34%	0.269%
2	5.340	393	400	422	rBV	2517817	4067931	34.85%	2.804%
3	6.934	664	671	688	rBV	2340753	4362617	37.37%	3.007%
4	7.739	800	808	818	rBV	983089	1610427	13.80%	1.110%
5	8.904	999	1006	1029	rBV	1499264	2807717	24.05%	1.935%
6	10.539	1276	1284	1298	rBV	1136616	2165593	18.55%	1.493%
7	13.010	1696	1704	1722	rBV	4691897	7440401	63.74%	5.128%
8	13.710	1818	1823	1831	rBV3	101126	146757	1.26%	0.101%
9	14.351	1927	1932	1933	rBV	100721	123526	1.06%	0.085%
10	14.392	1933	1939	1948	rVB	2041600	3116279	26.70%	2.148%
11	14.645	1977	1982	1991	rVB	122681	194303	1.66%	0.134%
12	14.945	2028	2033	2038	rBV2	129057	175634	1.50%	0.121%
13	15.751	2164	2170	2181	rBV	590267	876188	7.51%	0.604%
14	15.892	2187	2194	2203	rBV	3945424	6008221	51.47%	4.141%
15	16.556	2301	2307	2319	rBV2	243047	561096	4.81%	0.387%
16	16.651	2319	2323	2333	rVV	105242	244820	2.10%	0.169%
17	17.045	2386	2390	2397	rBV2	97953	172457	1.48%	0.119%
18	17.139	2397	2406	2411	rVV2	2520397	3586756	30.73%	2.472%
19	17.180	2411	2413	2418	rVV	275474	358348	3.07%	0.247%
20	17.227	2418	2421	2426	rVB2	109715	137953	1.18%	0.095%
21	17.921	2534	2539	2544	rBV	152054	253775	2.17%	0.175%
22	17.980	2545	2549	2553	rBV	163289	239703	2.05%	0.165%
23	18.045	2554	2560	2575	rVV	3695121	5333979	45.69%	3.676%
24	18.309	2600	2605	2607	rBV	279024	383962	3.29%	0.265%
25	18.339	2607	2610	2620	rVB2	178922	349078	2.99%	0.241%
26	19.080	2730	2736	2741	rVB4	144495	321741	2.76%	0.222%
27	19.145	2742	2747	2750	rBV	1272660	1545566	13.24%	1.065%
28	19.203	2753	2757	2771	rVB	831530	1734139	14.86%	1.195%
29	19.321	2772	2777	2789	rBV	1099384	1719961	14.73%	1.185%
30	19.544	2811	2815	2817	rBV2	598582	788183	6.75%	0.543%
31	19.768	2847	2853	2859	rBV	10225732	11673557	100.00%	8.046%
32	20.021	2892	2896	2899	rBV2	341640	492572	4.22%	0.340%
33	20.080	2902	2906	2910	rVB	2196435	2460994	21.08%	1.696%
34	20.215	2926	2929	2933	rBV3	223238	291452	2.50%	0.201%
35	20.409	2959	2962	2974	rVB6	243159	451567	3.87%	0.311%
36	20.544	2979	2985	2988	rBV	7578805	10936108	93.68%	7.538%

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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

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37	20.574	2988	2990	3001	rVB	3905200	4103728	35.15%	2.828%
38	21.056	3067	3072	3080	rVB	5092779	6454247	55.29%	4.449%
39	21.386	3122	3128	3133	rBV	2599376	4193719	35.92%	2.891%
40	21.568	3154	3159	3165	rBV	3607526	4766666	40.83%	3.285%
41	22.133	3250	3255	3271	rVB	4093177	7677508	65.77%	5.292%
42	22.768	3357	3363	3370	rBV	2813271	5016974	42.98%	3.458%
43	23.091	3414	3418	3426	rVB	703269	1226365	10.51%	0.845%
44	23.509	3483	3489	3496	rBV	3806402	7663612	65.65%	5.282%
45	23.580	3496	3501	3512	rVB	1054086	2551209	21.85%	1.758%
46	24.374	3629	3636	3646	rVB2	3429258	8046353	68.93%	5.546%
47	24.850	3711	3717	3729	rVB2	1028913	2548483	21.83%	1.757%
48	25.403	3803	3811	3822	rVB	3522045	9563323	81.92%	6.592%
49	25.538	3827	3834	3851	rVB	1088285	3749773	32.12%	2.585%

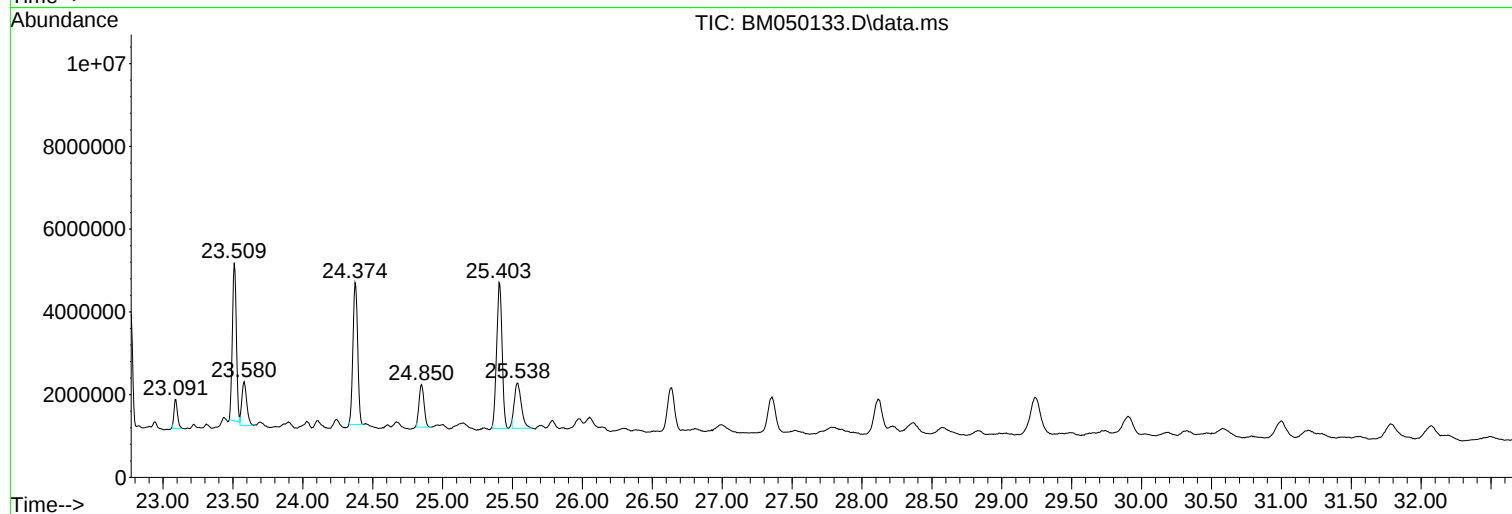
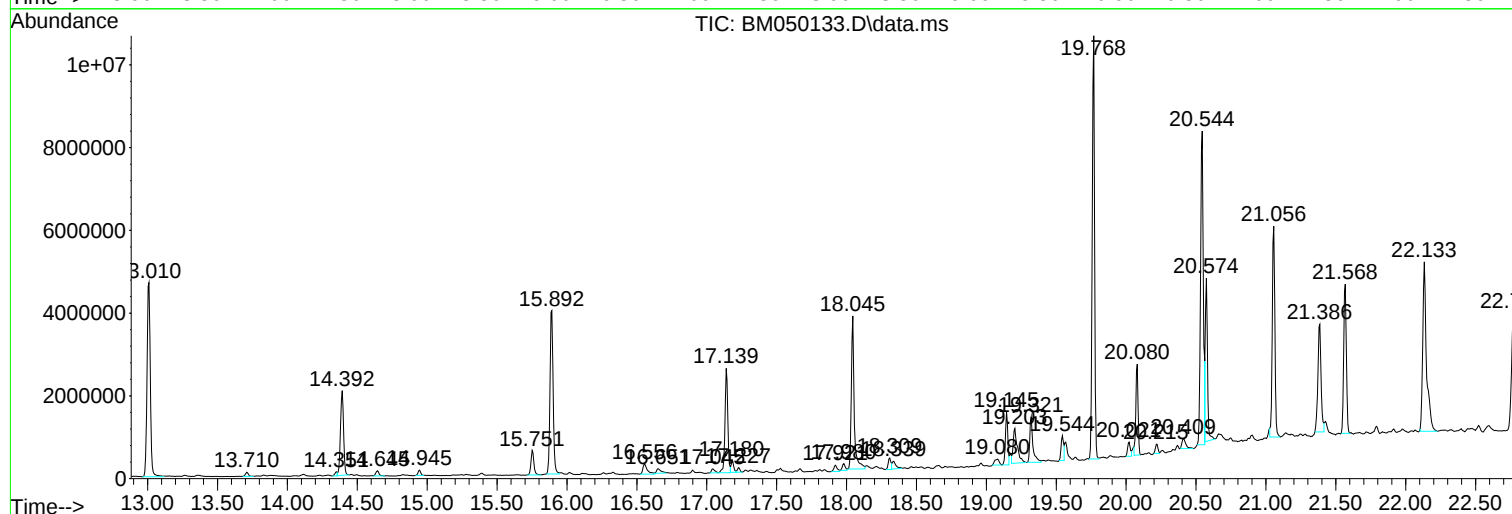
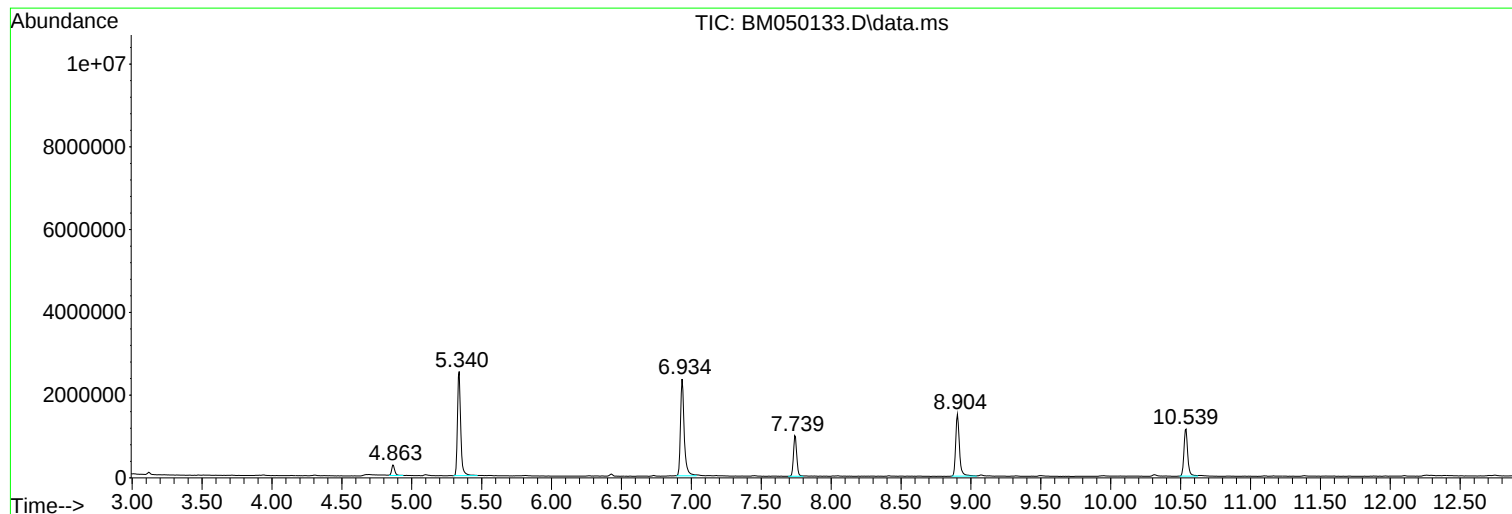
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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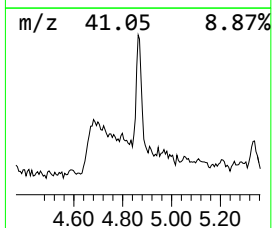
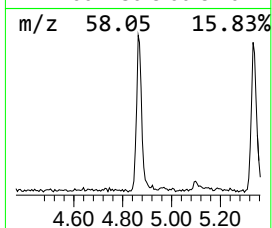
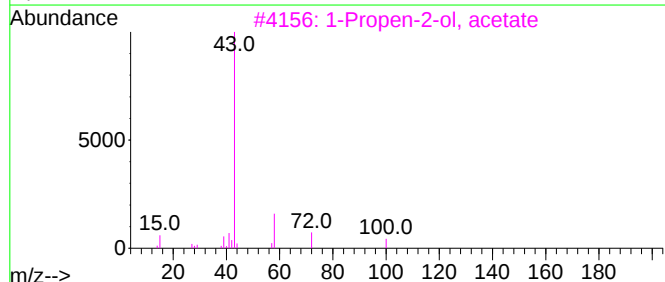
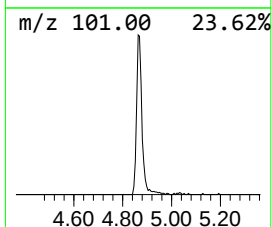
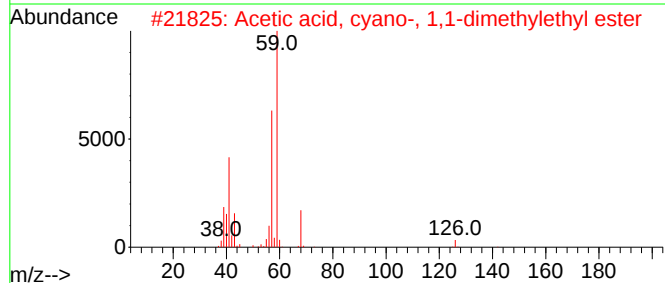
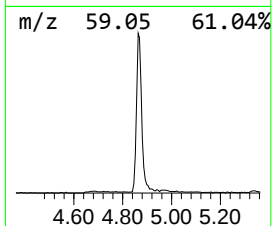
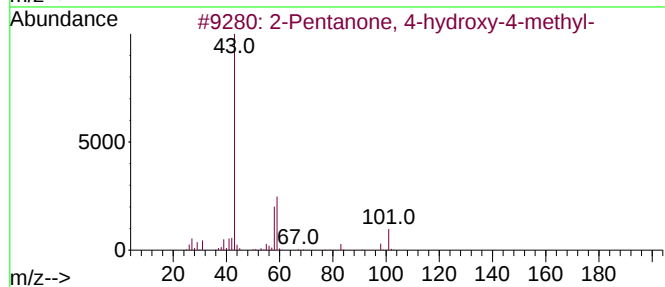
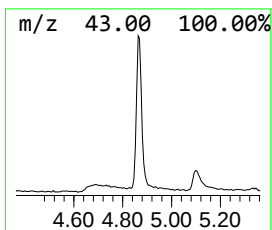
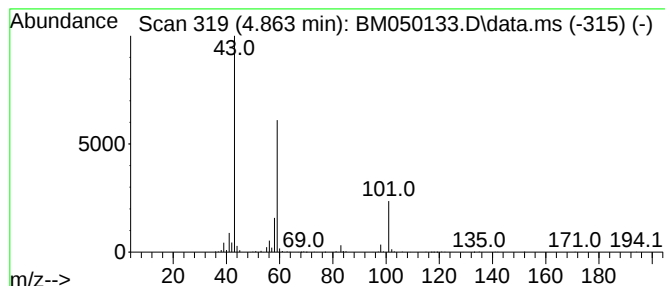
Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.863	4.84 ng	389798	1,4-Dichlorobenzene-d4	7.739	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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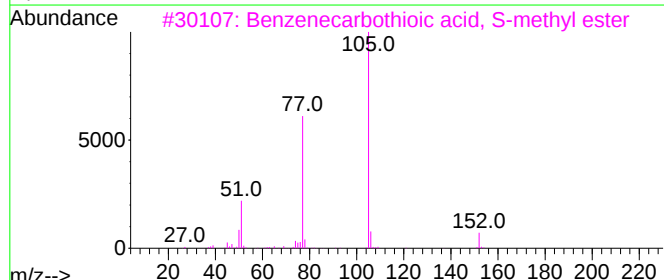
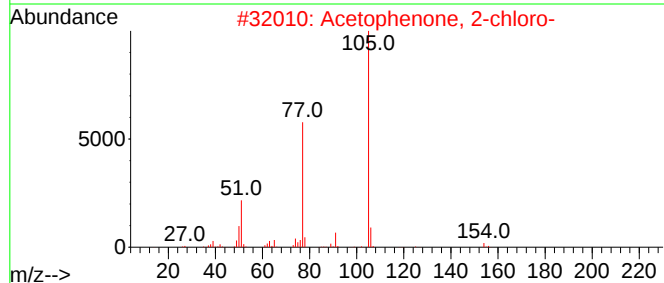
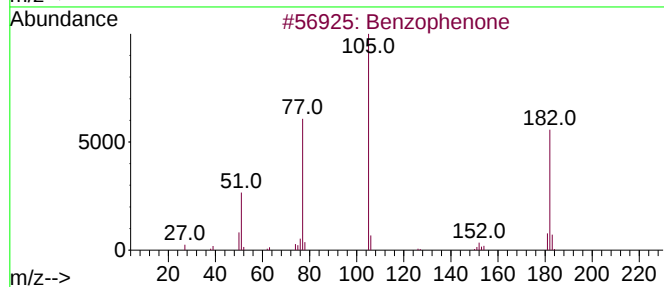
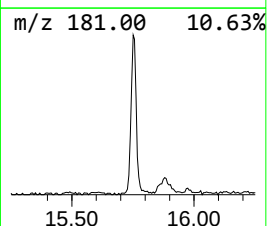
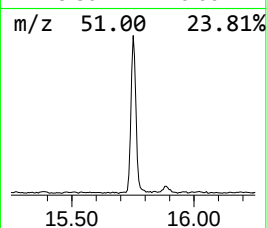
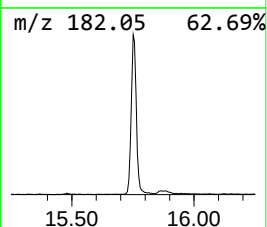
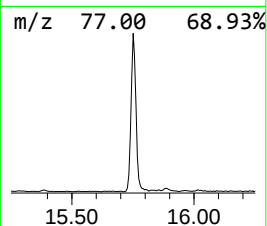
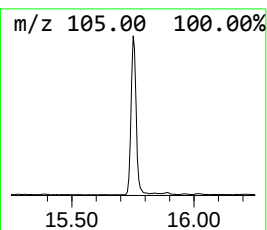
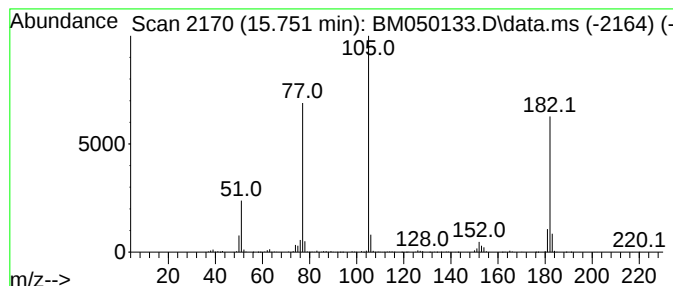
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	5.62 ng	876188	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47



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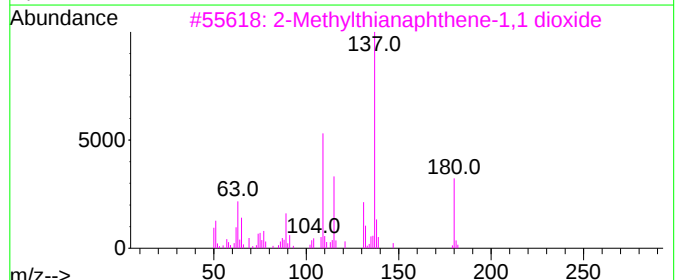
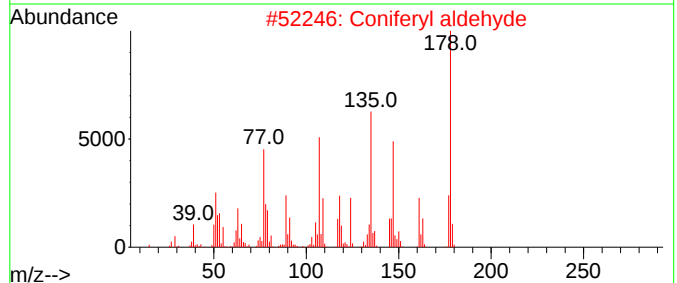
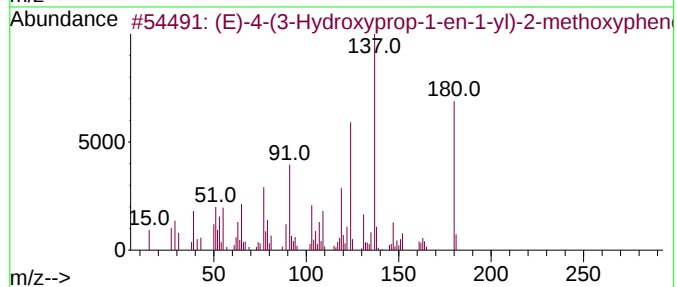
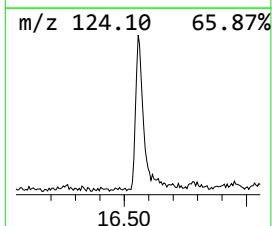
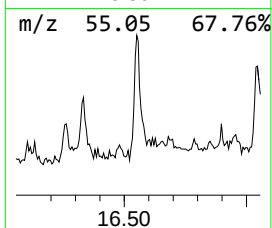
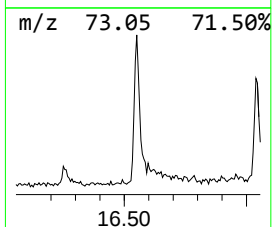
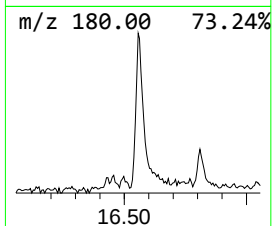
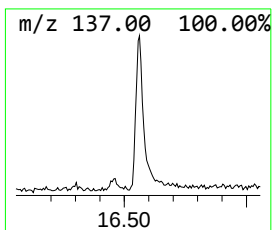
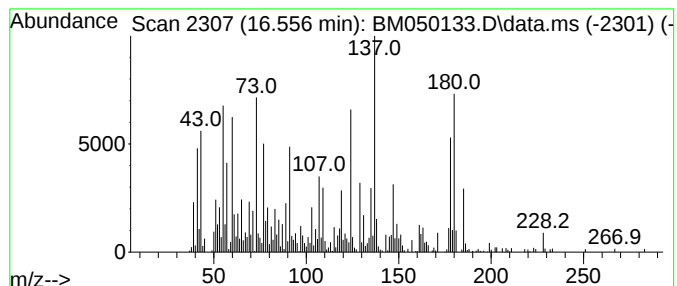
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 (E)-4-(3-Hydroxyprop-1-en-1-yl) Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.557	3.13 ng	561096	Phenanthrene-d10		17.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	78	
2	Coniferyl aldehyde	178	C10H10O3	000458-36-6	59	
3	2-Methylthianaphthene-1,1 dioxide	180	C9H8O2S	006224-55-1	42	
4	3,7-Benzofurandiol, 2,3-dihydro-...	180	C10H12O3	017781-15-6	38	
5	2(3H)-Benzoxazolone, 6-nitro-	180	C7H4N2O4	004694-91-1	25	



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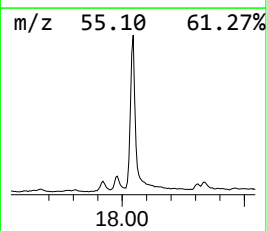
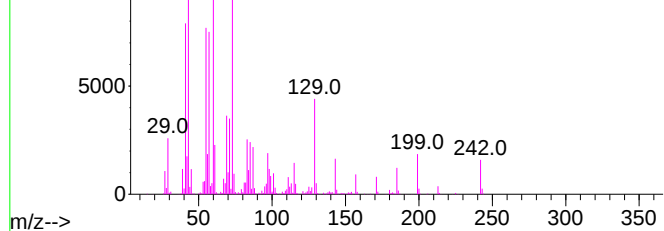
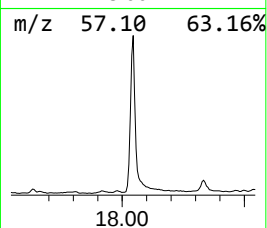
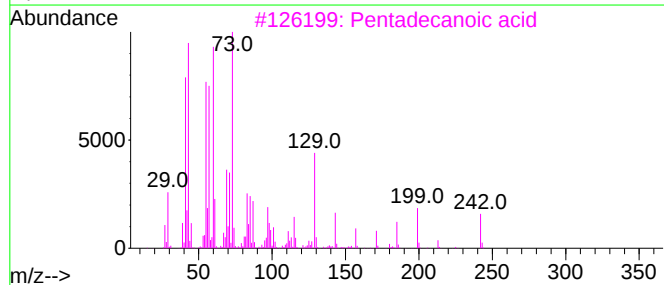
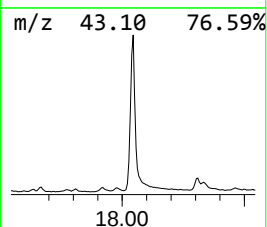
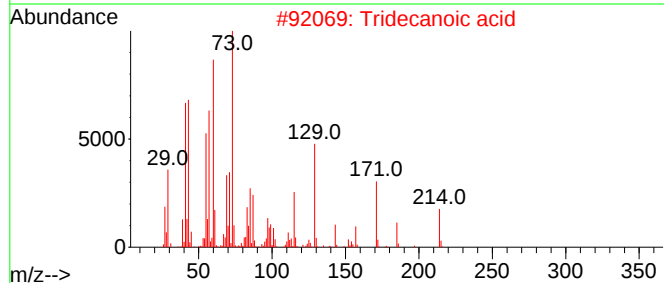
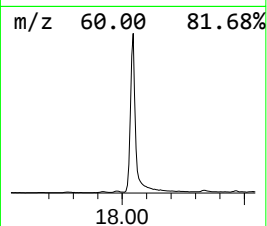
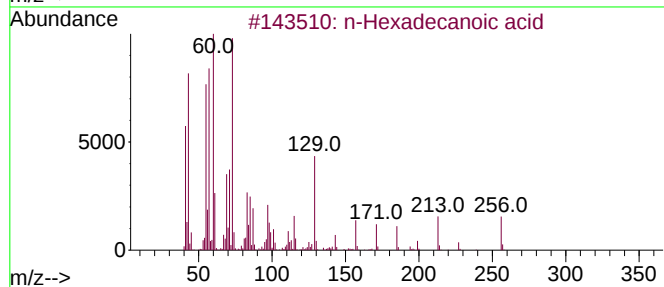
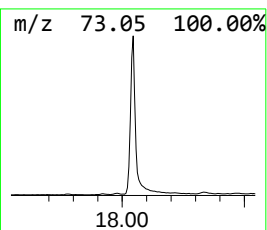
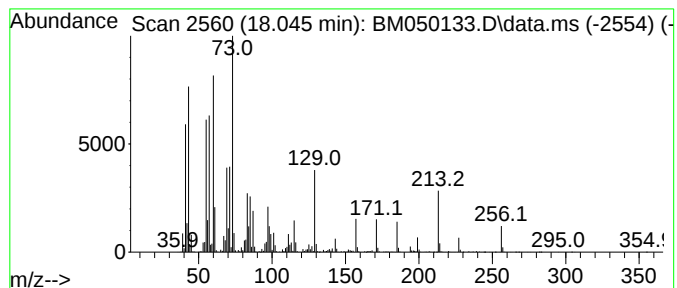
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	29.74 ng	5333980	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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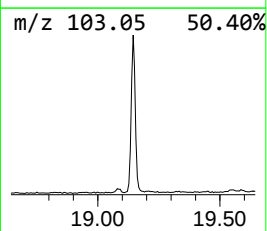
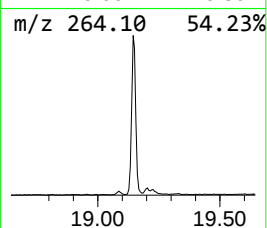
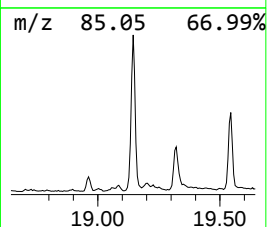
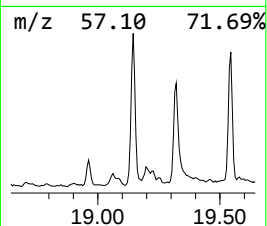
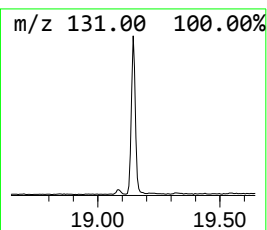
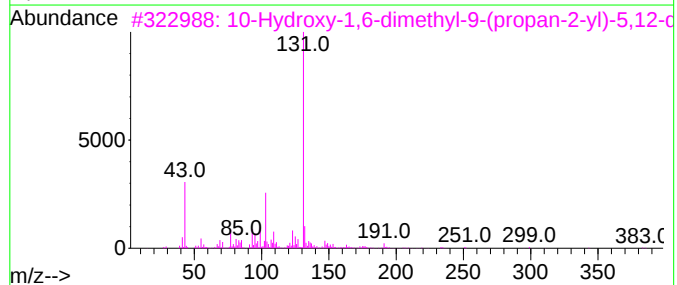
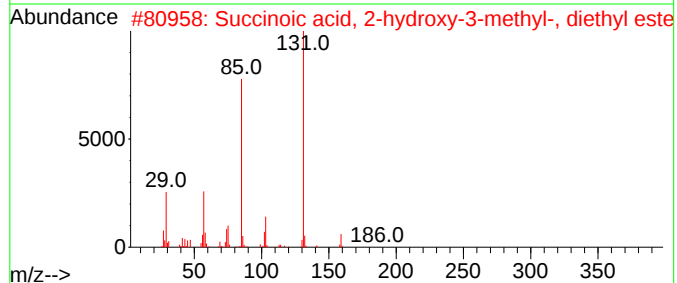
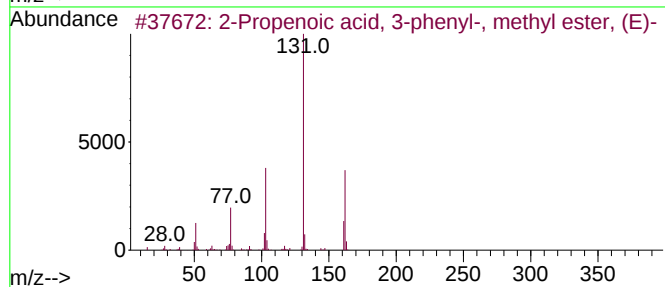
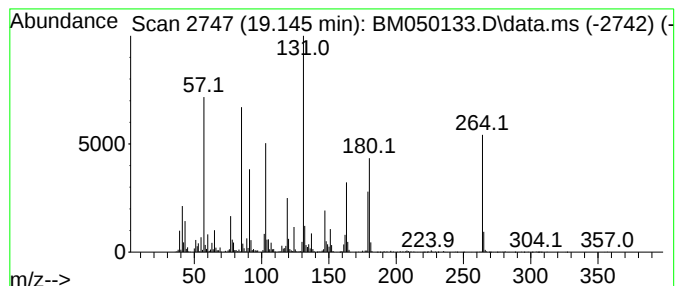
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown19.145 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	8.62 ng	1545570	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	38
2			Succinic acid, 2-hydroxy-3-meth...	204	C9H16O5	1000196-85-6	27
3			10-Hydroxy-1,6-dimethyl-9-(propa...	442	C26H34O6	1000501-93-9	27
4			N-(3-Chlorophenyl)-3-phenyl-2-pr...	271	C16H14ClNO	1507357-48-3	22
5			3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-A

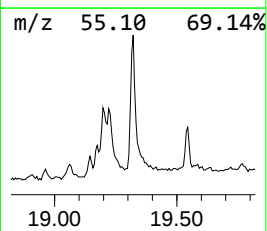
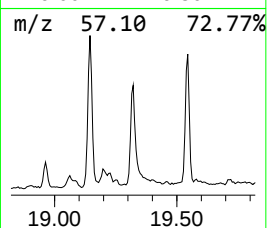
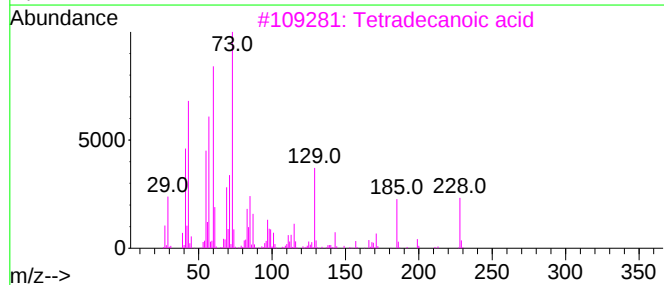
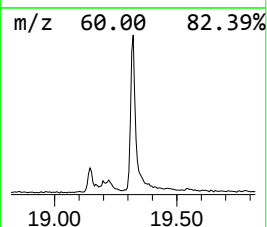
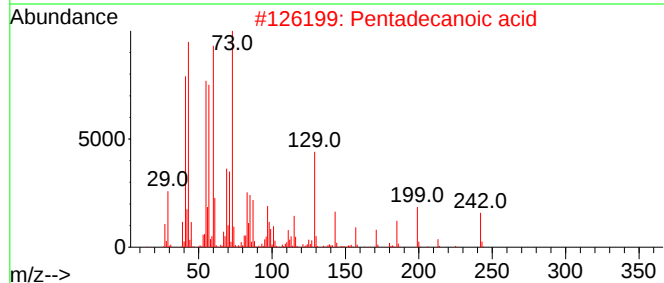
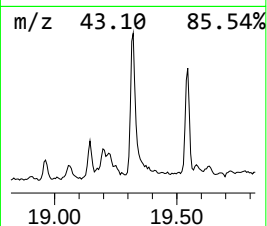
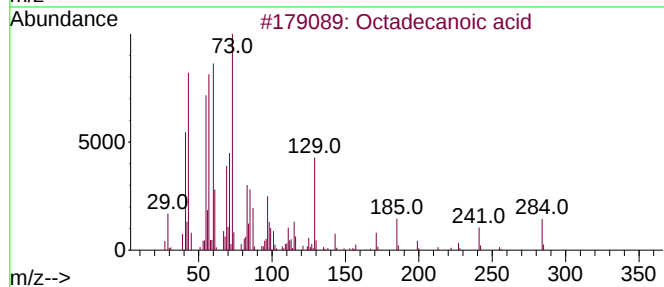
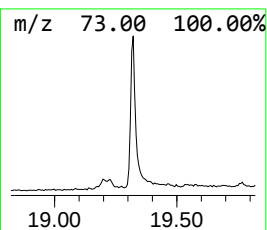
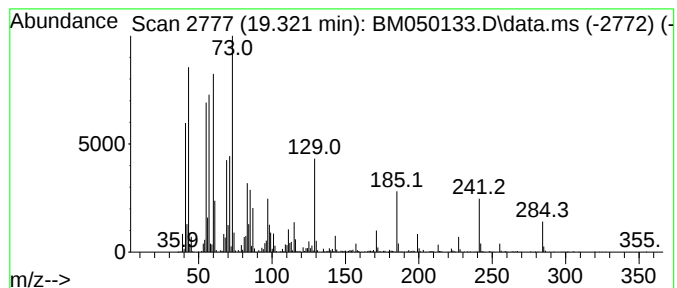
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	8.20 ng	1719960	Chrysene-d12	21.386

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	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

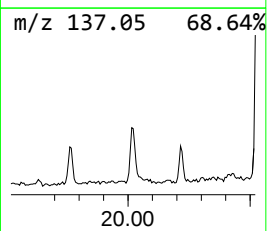
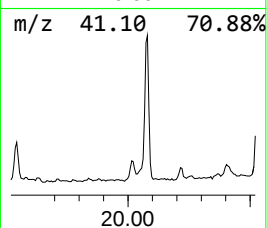
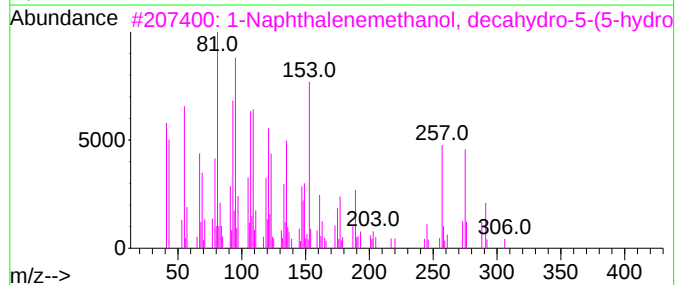
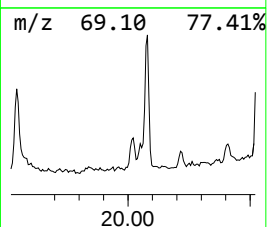
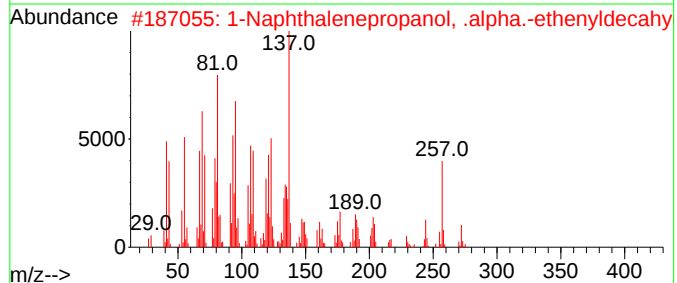
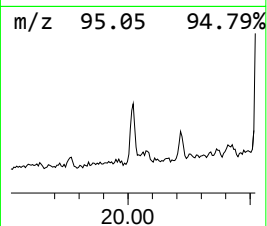
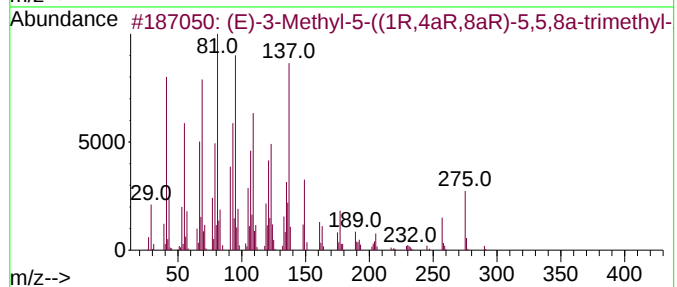
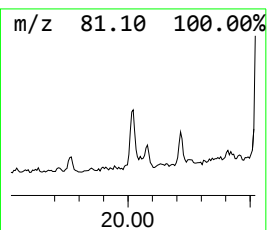
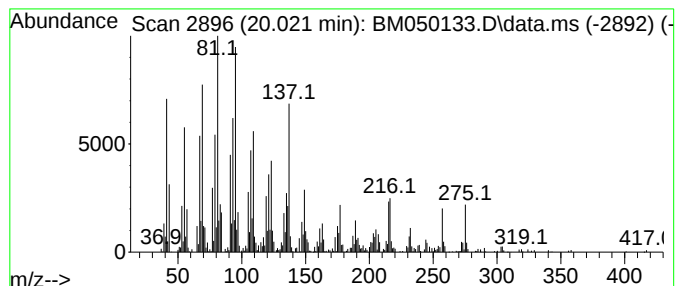
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 (E)-3-Methyl-5-((1R,4aR,8aR... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.021	2.35 ng	492572	Chrysene-d12	21.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	290	C20H34O	021738-29-4	99
2	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	52
3	1-Naphthalenemethanol, decahydro...	306	C20H34O2	001857-24-5	47
4	photocitral B	152	C10H16O	006040-45-5	46
5	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	000596-85-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

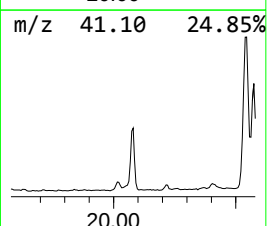
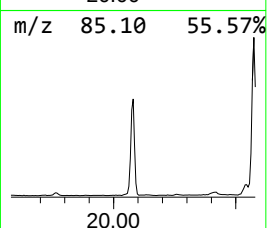
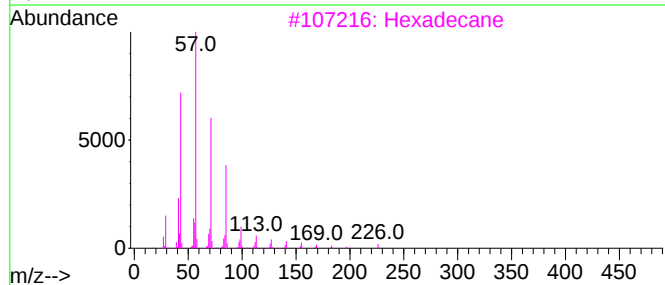
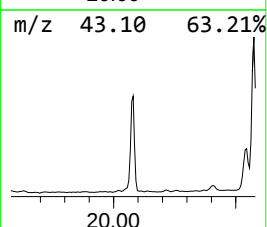
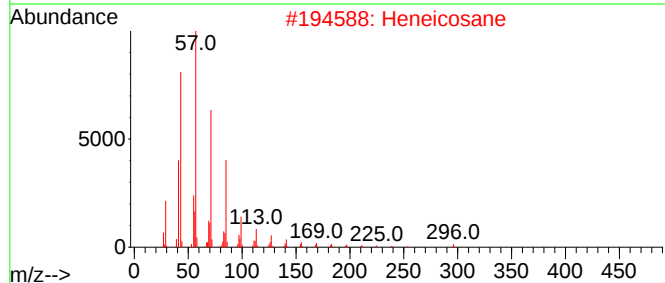
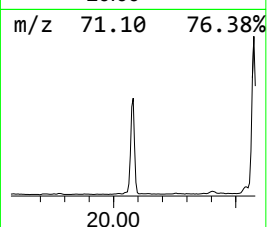
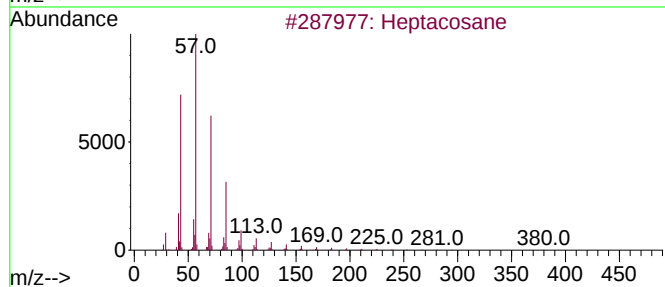
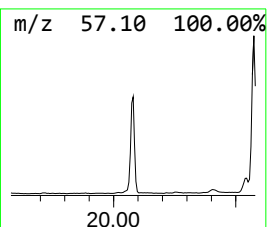
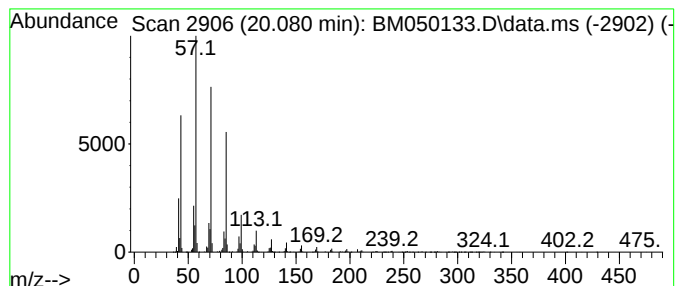
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ClientSampleId :
LOWER-WALL-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.080	11.74 ng	2460990	Chrysene-d12		21.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Nonadecane		268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LOWER-WALL-PILE-A

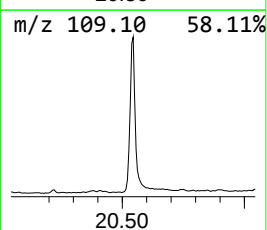
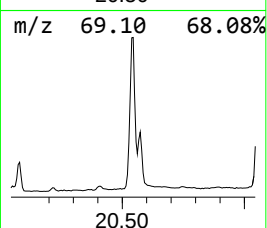
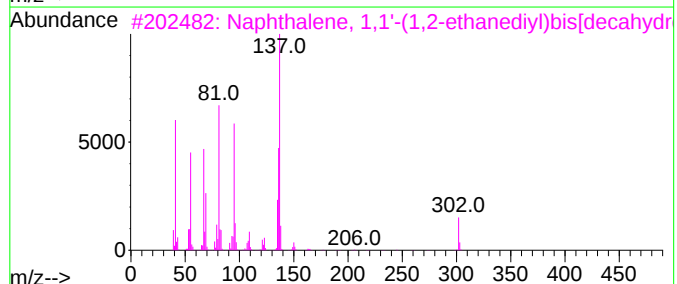
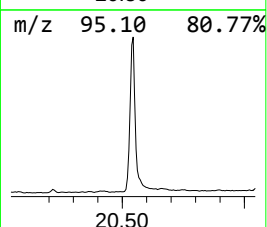
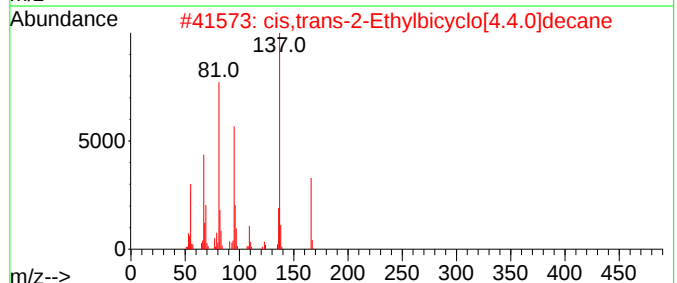
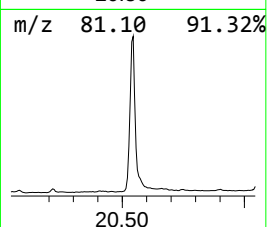
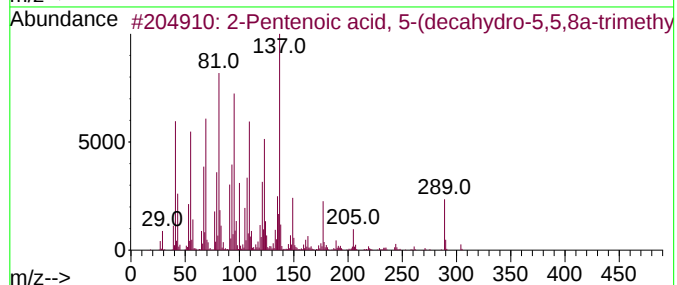
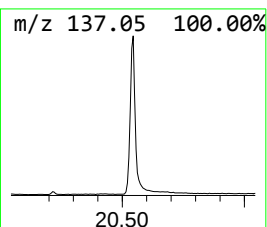
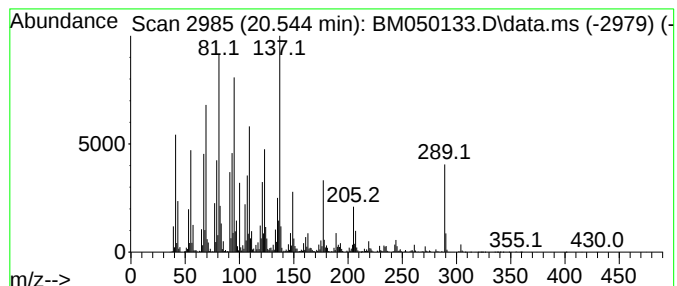
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Pentenoic acid, 5-(decahy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.544	52.15 ng	10936100	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	99
2			cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	55
3			Naphthalene, 1,1'-(1,2-ethanedi...	302	C22H38	054934-69-9	49
4			Naphthalene, 1,1'-methylenebis[d...	288	C21H36	055125-02-5	49
5			Naphthalene, 1-(1,1-dimethylethy...	194	C14H26	056292-64-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LOWER-WALL-PILE-A

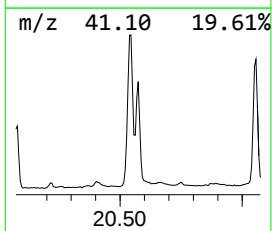
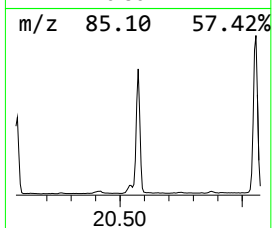
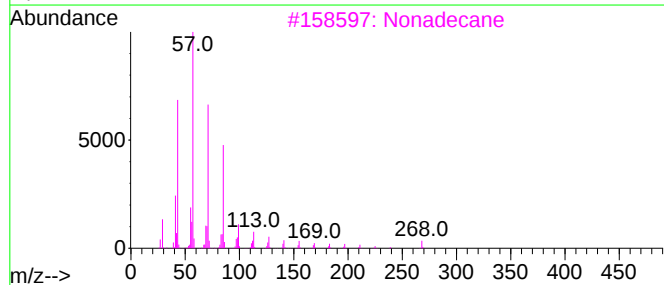
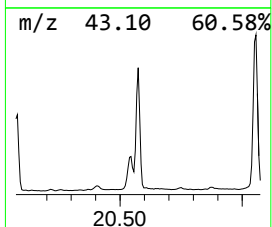
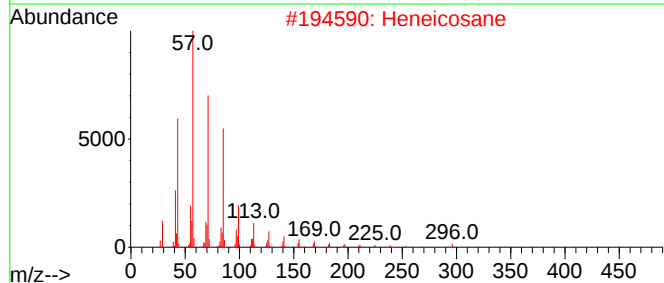
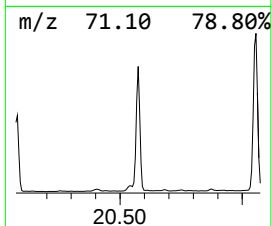
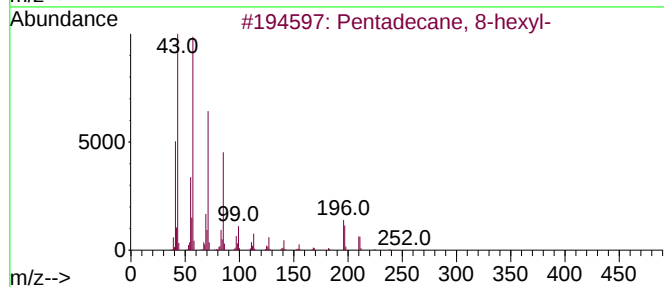
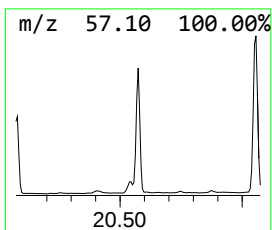
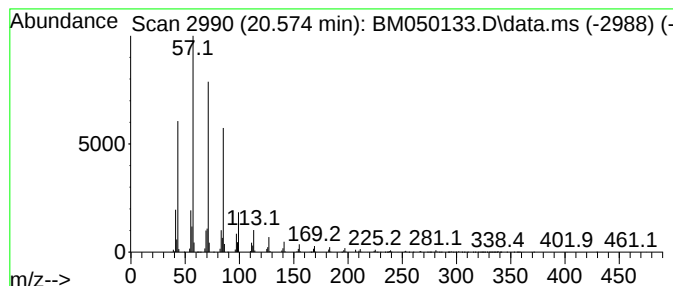
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.574	19.57 ng	4103730	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heptacosane	380	C27H56	000593-49-7	87
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LOWER-WALL-PILE-A

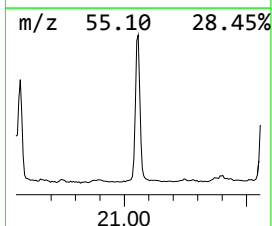
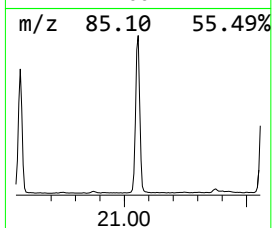
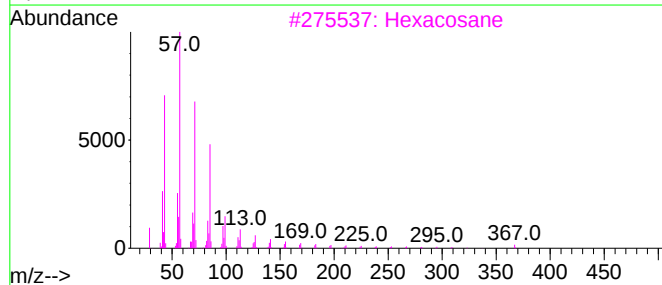
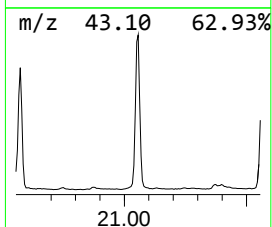
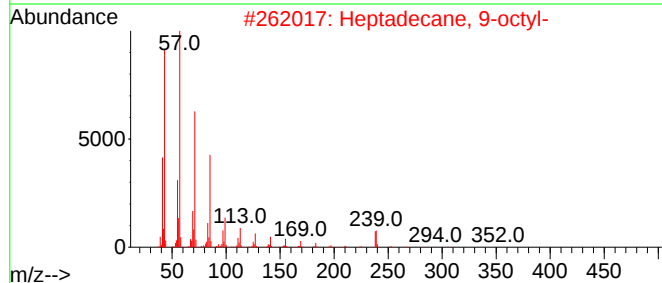
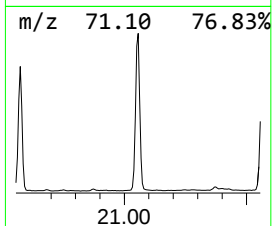
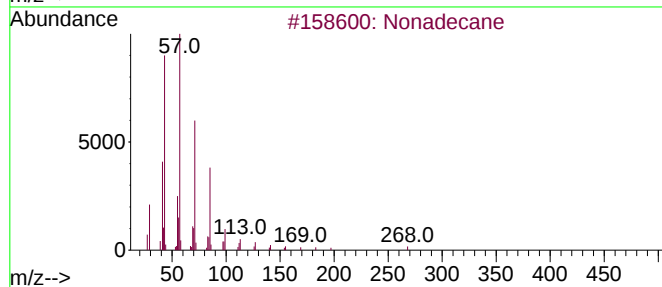
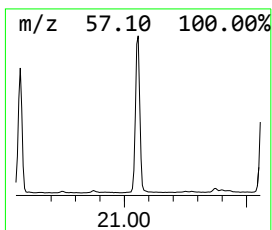
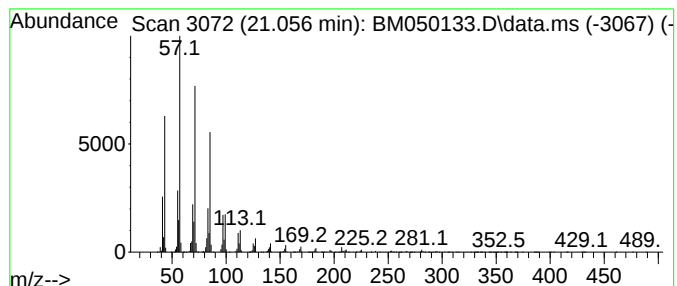
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	30.78 ng	6454250	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Hexacosane	366	C26H54	000630-01-3	90
4			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	87
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
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Instrument :
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ClientSampleId :
LOWER-WALL-PILE-A

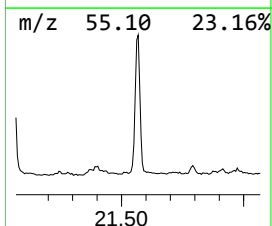
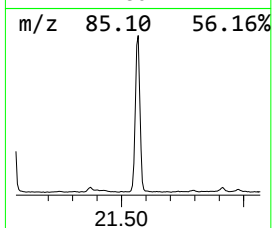
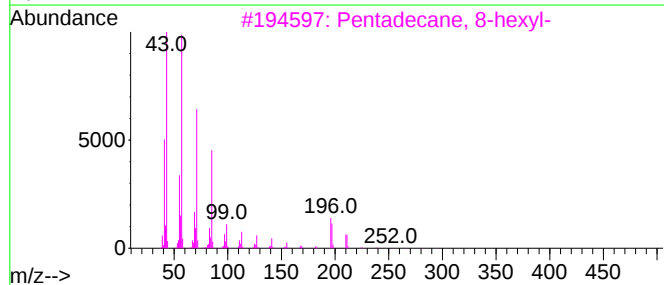
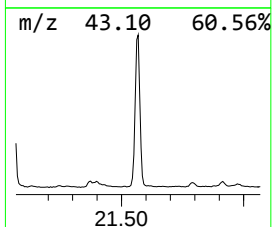
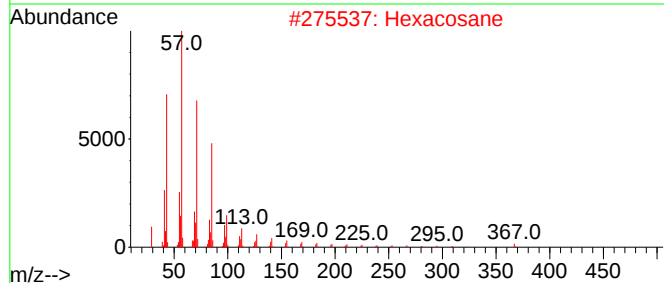
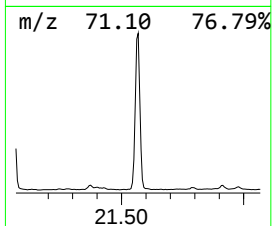
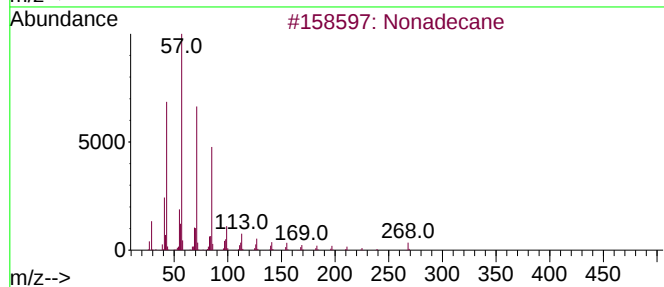
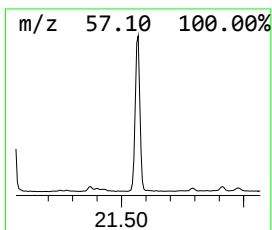
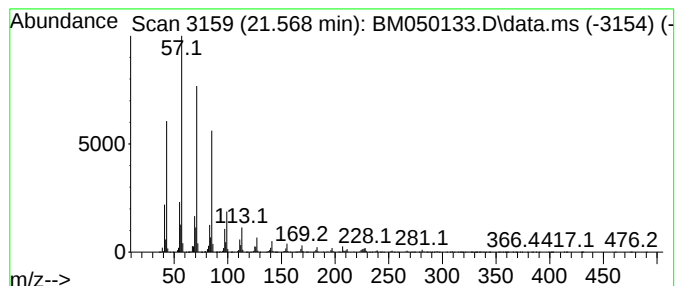
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.568	22.73 ng	4766670	Chrysene-d12	21.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	94
2		Hexacosane	366	C26H54	000630-01-3	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
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Instrument :
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ClientSampleId :
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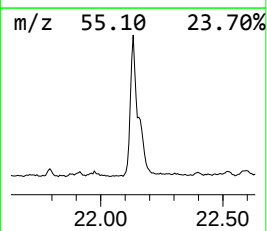
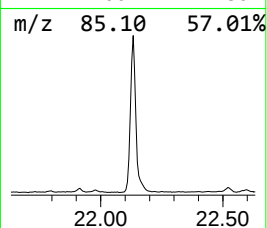
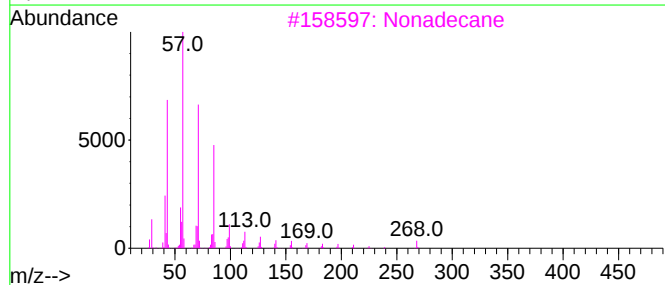
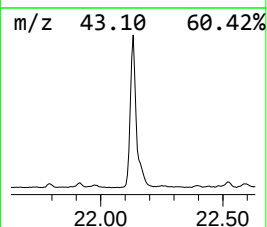
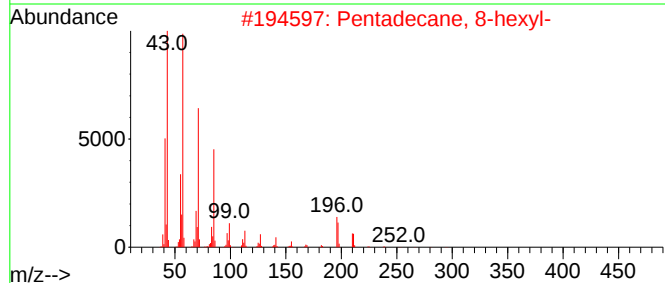
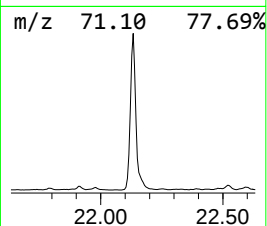
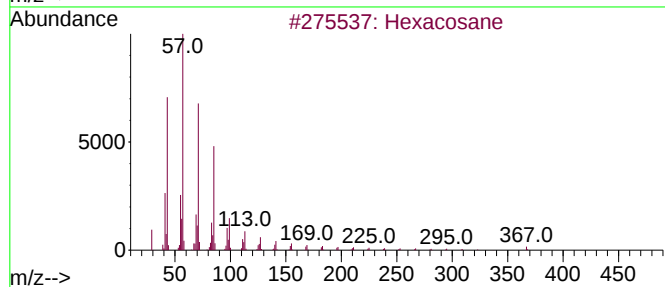
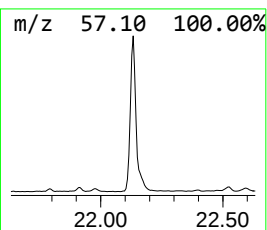
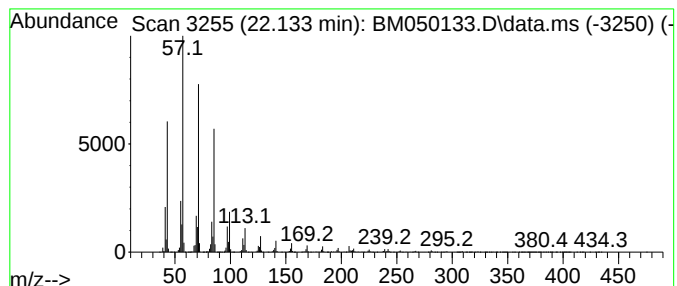
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.133	36.61 ng	7677510	Chrysene-d12	21.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Nonadecane	268	C19H40	000629-92-5	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
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Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

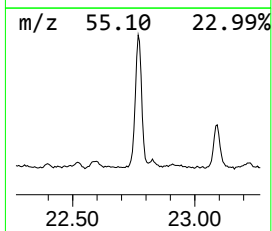
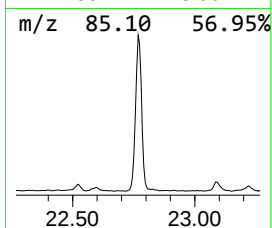
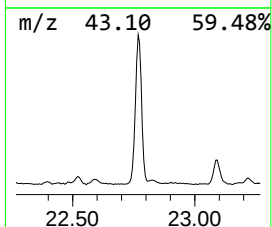
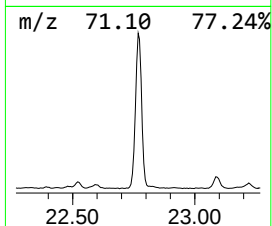
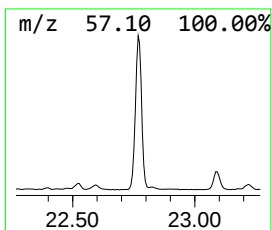
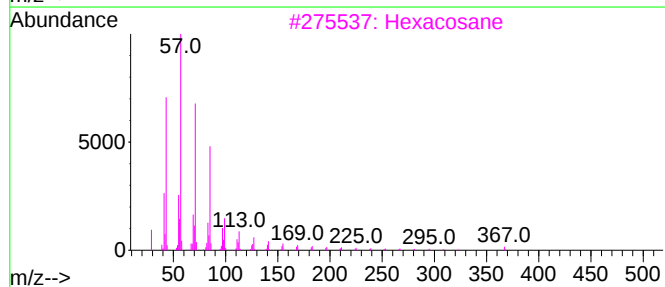
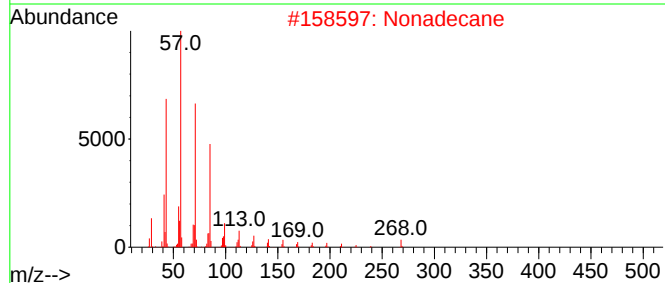
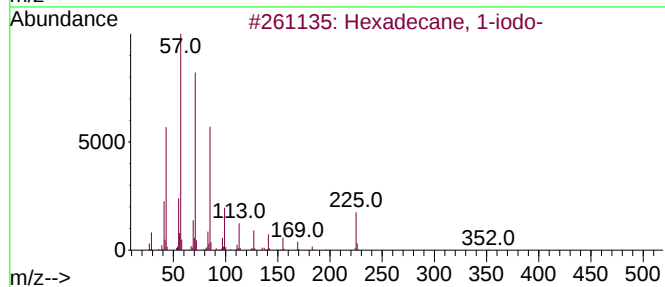
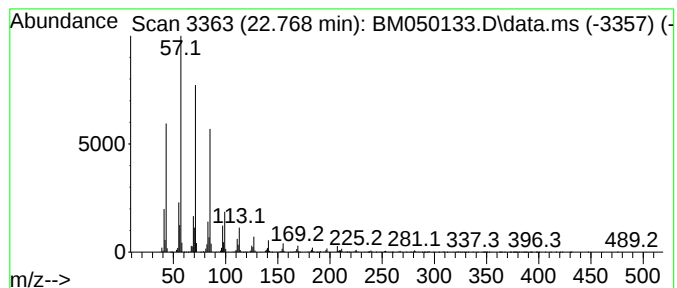
Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.768	23.93 ng	5016970	Chrysene-d12	21.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Hexacosane	366	C26H54	000630-01-3	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
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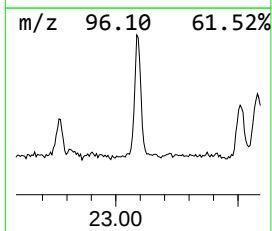
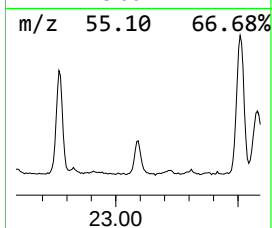
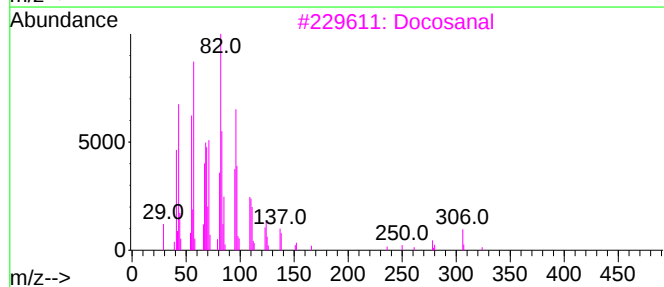
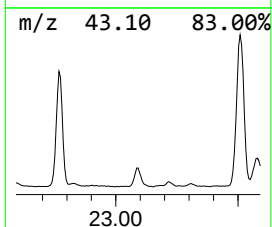
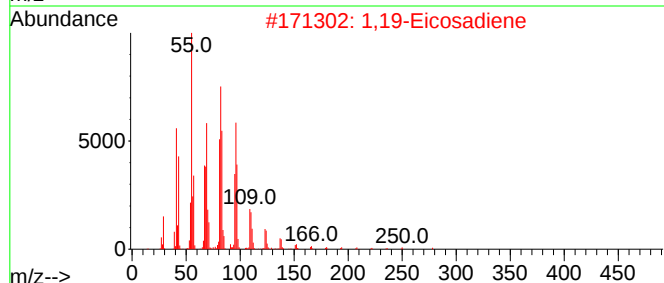
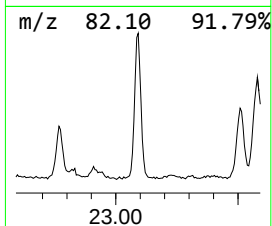
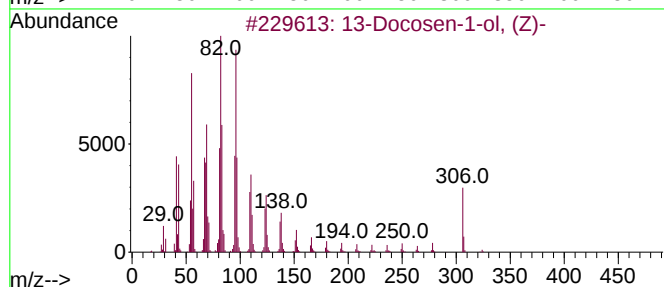
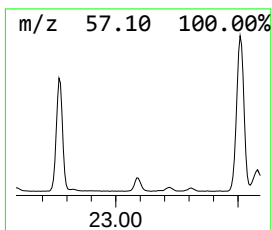
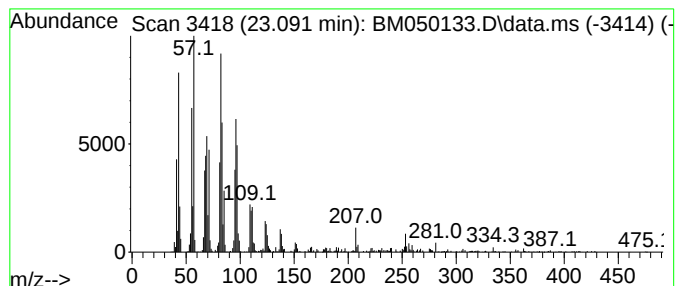
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 13-Docosen-1-ol, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.091	3.05 ng	1226370	Perylene-d12	24.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	96
2	1,19-Eicosadiene	278	C20H38	014811-95-1	94
3	Docosanal	324	C22H44O	057402-36-5	94
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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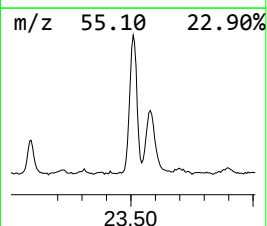
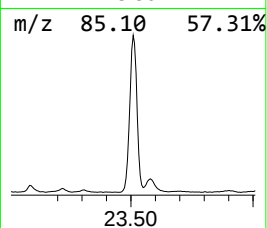
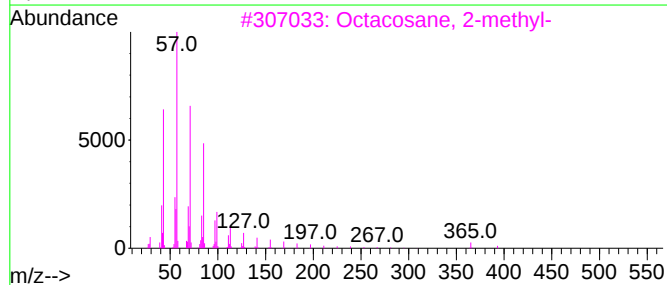
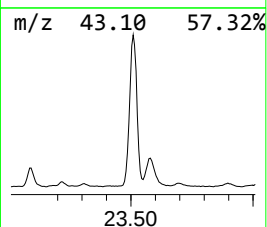
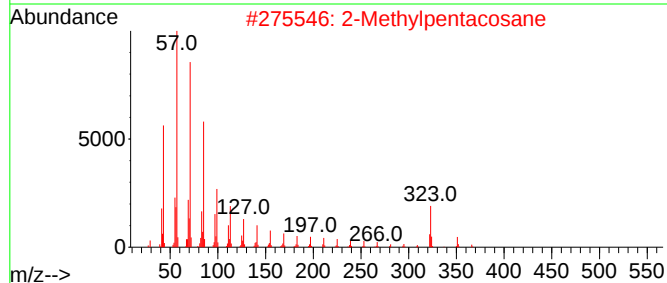
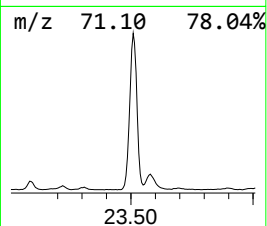
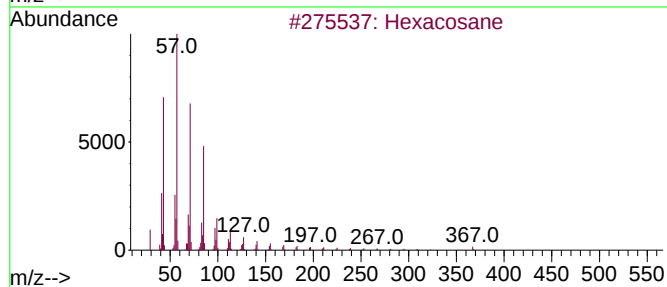
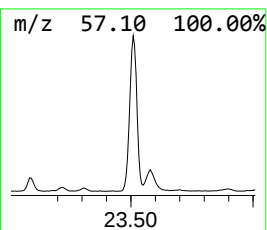
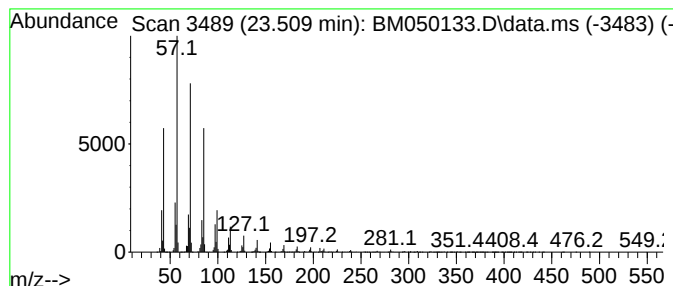
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Methylpentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	19.05 ng	7663610	Perylene-d12	24.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			2-Methylpentacosane	366	C26H54	000629-87-8	94
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
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Instrument :
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ClientSampleId :
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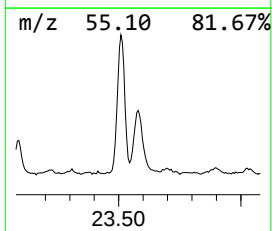
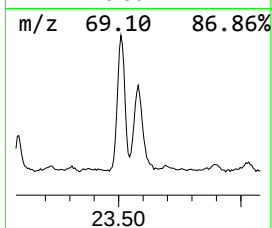
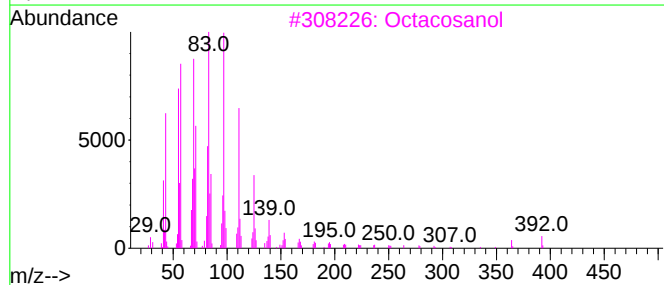
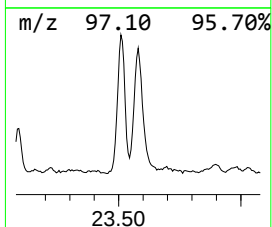
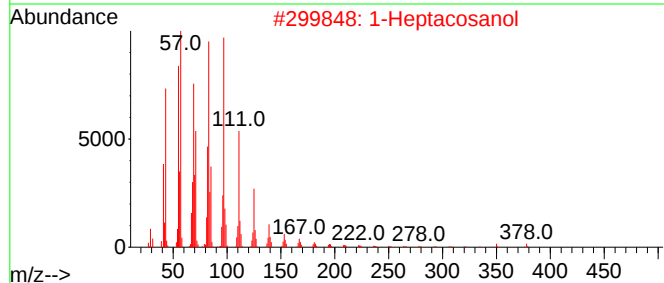
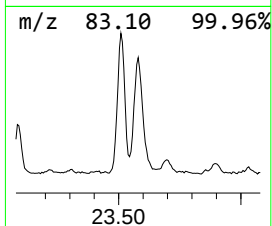
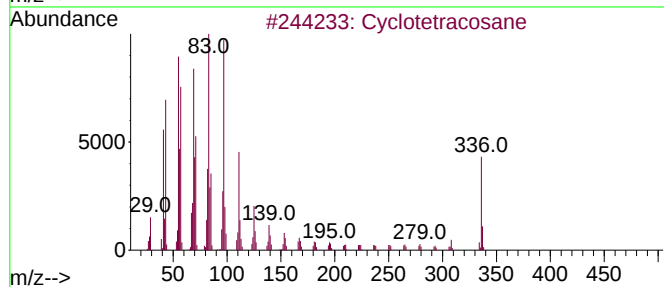
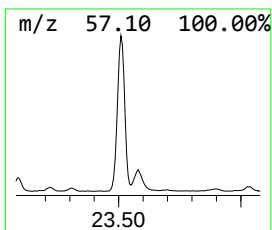
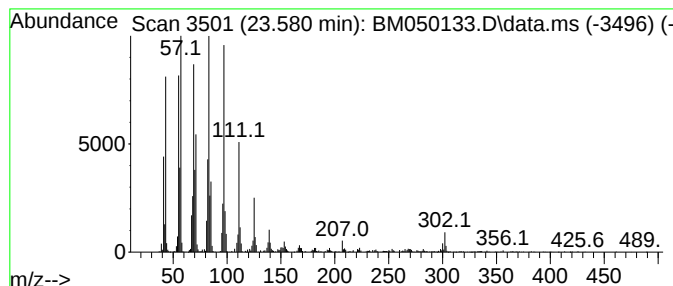
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclotetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.579	6.34 ng	2551210	Perylene-d12	24.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	98
2			1-Heptacosanol	396	C27H56O	002004-39-9	95
3			Octacosanol	410	C28H58O	000557-61-9	95
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
5			Pentacos-1-ene	350	C25H50	016980-85-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
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Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LOWER-WALL-PILE-A

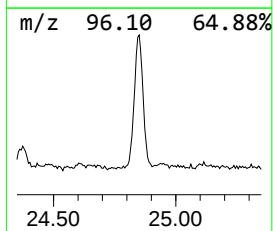
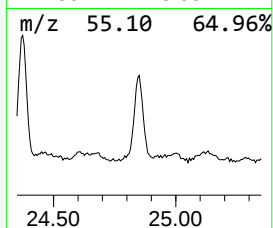
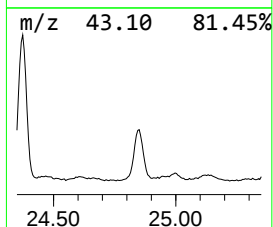
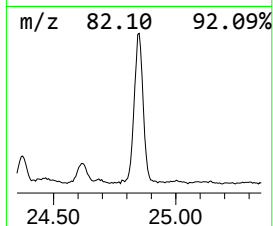
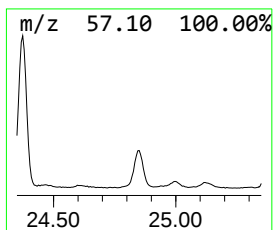
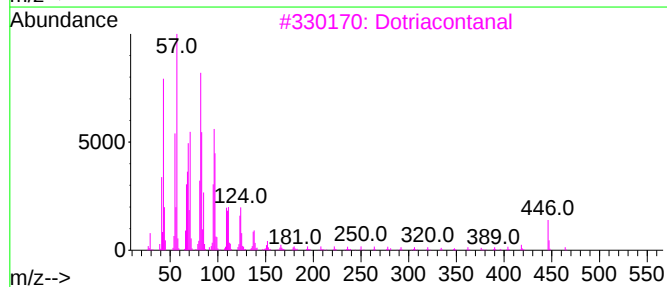
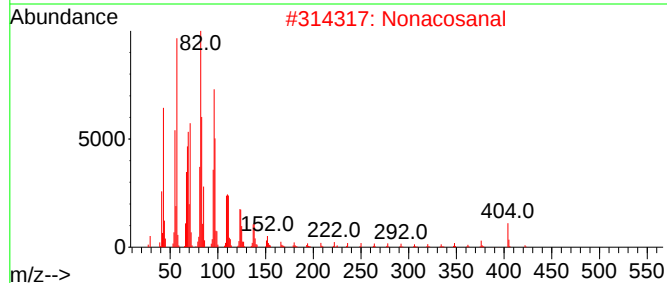
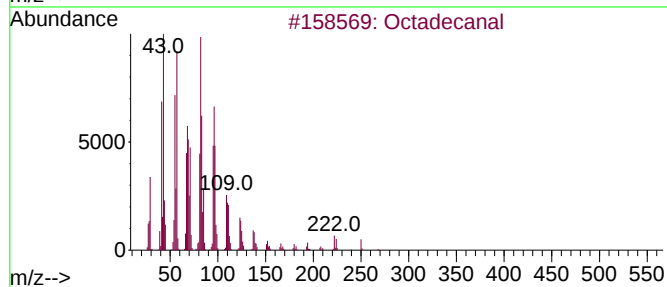
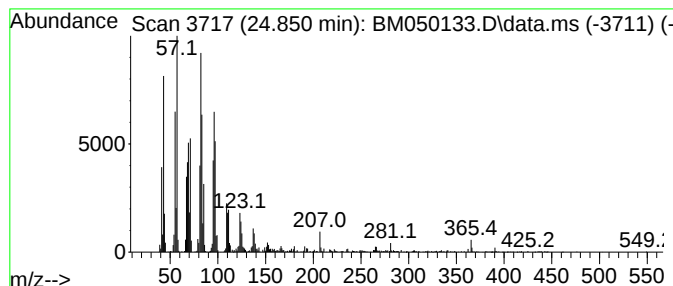
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.850	6.33 ng	2548480	Perylene-d12	24.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanal	268	C18H36O	000638-66-4	95
2		Nonacosanal	422	C29H58O	072934-04-4	95
3		Dotriacontanal	464	C32H64O	057878-00-9	94
4		Disparlure	282	C19H38O	029804-22-6	93
5		Hexacosanal	380	C26H52O	026627-85-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-A

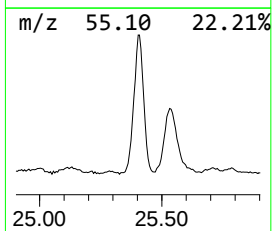
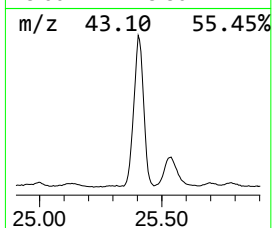
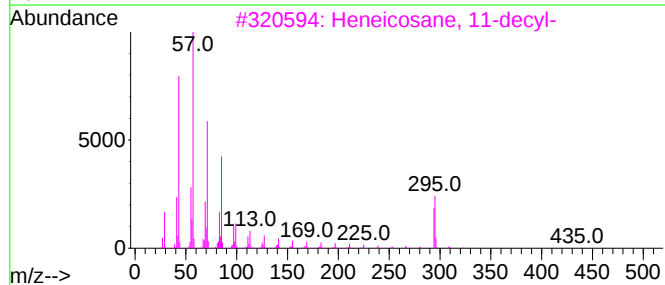
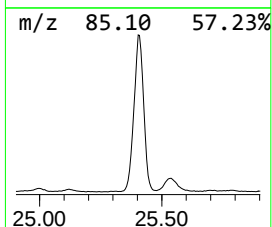
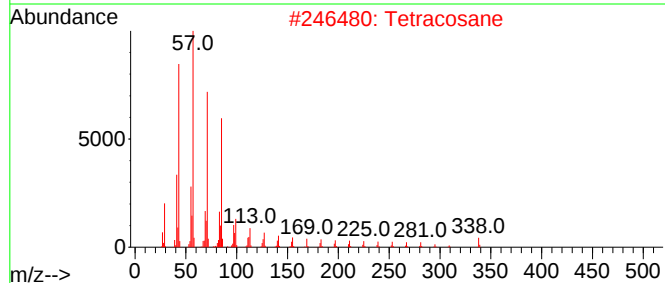
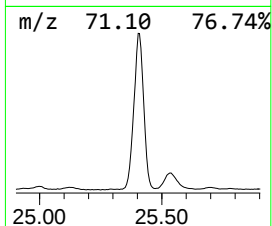
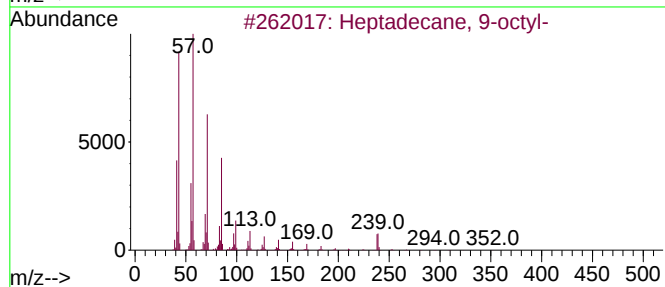
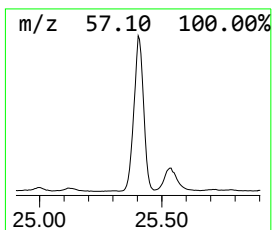
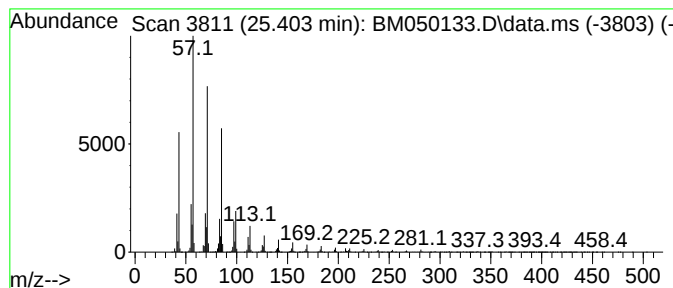
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.403	23.77 ng	9563320	Perylene-d12	24.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2			Tetracosane	338	C24H50	000646-31-1	95
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-A

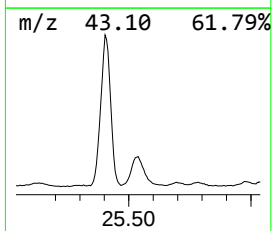
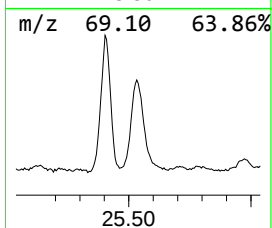
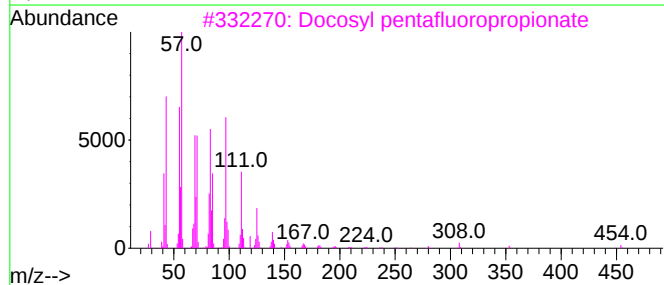
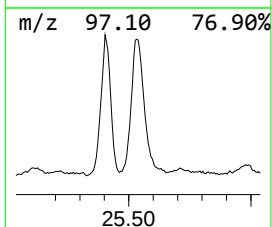
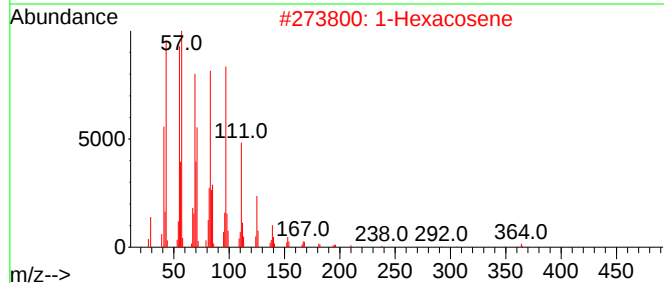
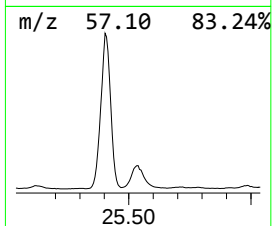
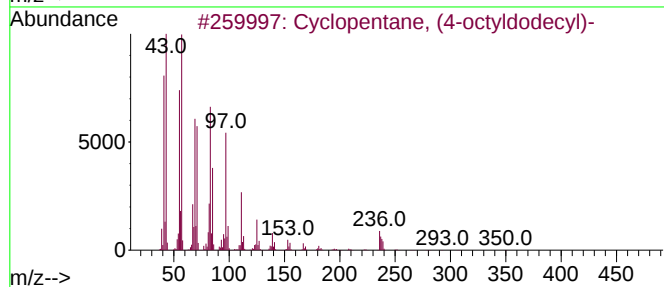
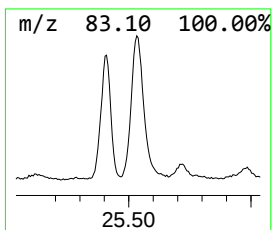
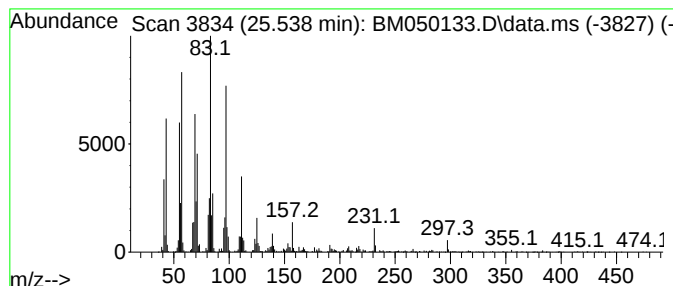
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclopentane, (4-octyldodec... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.538	9.32 ng	3749770	Perylene-d12	24.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	64
2			1-Hexacosene	364	C26H52	018835-33-1	60
3			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	60
4			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	60
5			Octacosyl acetate	452	C30H60O2	018206-97-8	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050133.D
Acq On : 07 May 2025 13:12
Operator : RC/JU
Sample : Q1938-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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
2-Pentanone, 4-...	4.863	4.8	ng	389798	1	7.739	1610430	20.0
Benzophenone	15.751	5.6	ng	876188	3	14.392	3116280	20.0
(E)-4-(3-Hydrox...	16.557	3.1	ng	561096	4	17.139	3586760	20.0
n-Hexadecanoic ...	18.045	29.7	ng	5333980	4	17.139	3586760	20.0
unknown19.145	19.145	8.6	ng	1545570	4	17.139	3586760	20.0
Octadecanoic acid	19.321	8.2	ng	1719960	5	21.386	4193720	20.0
(E)-3-Methyl-5-...	20.021	2.4	ng	492572	5	21.386	4193720	20.0
Heptacosane	20.080	11.7	ng	2460990	5	21.386	4193720	20.0
2-Pentenoic aci...	20.544	52.1	ng	10936100	5	21.386	4193720	20.0
Pentadecane, 8-...	20.574	19.6	ng	4103730	5	21.386	4193720	20.0
Nonadecane	21.056	30.8	ng	6454250	5	21.386	4193720	20.0
Hexacosane	21.568	22.7	ng	4766670	5	21.386	4193720	20.0
Heptadecane, 9-...	22.133	36.6	ng	7677510	5	21.386	4193720	20.0
Hexadecane, 1-i...	22.768	23.9	ng	5016970	5	21.386	4193720	20.0
13-Docosen-1-ol...	23.091	3.0	ng	1226370	6	24.380	8046350	20.0
2-Methylpentaco...	23.509	19.1	ng	7663610	6	24.380	8046350	20.0
Cyclotetracosane	23.579	6.3	ng	2551210	6	24.380	8046350	20.0
Octadecanal	24.850	6.3	ng	2548480	6	24.380	8046350	20.0
Tetracosane	25.403	23.8	ng	9563320	6	24.380	8046350	20.0
Cyclopentane, (...)	25.538	9.3	ng	3749770	6	24.380	8046350	20.0