

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050069.D
 Acq On : 01 May 2025 18:02
 Operator : RC/JU
 Sample : Q1900-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

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: BM050069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	315	320	332	rVB	213086	319836	1.67%	0.238%
2	5.340	394	400	423	rBV	2124714	3238235	16.92%	2.414%
3	6.934	662	671	689	rBV	1969216	3539625	18.50%	2.639%
4	7.745	801	809	819	rBV	940129	1500119	7.84%	1.118%
5	8.904	1000	1006	1023	rBV	1119802	2040631	10.66%	1.521%
6	10.539	1268	1284	1299	rBV	1062598	2167548	11.33%	1.616%
7	13.010	1696	1704	1719	rBV	3505716	5208350	27.22%	3.883%
8	13.880	1846	1852	1861	rVB2	149134	267456	1.40%	0.199%
9	14.115	1888	1892	1901	rVB	141920	249578	1.30%	0.186%
10	14.392	1933	1939	1946	rBV	1715220	2558021	13.37%	1.907%
11	15.215	2070	2079	2097	rBV	101447	273652	1.43%	0.204%
12	15.757	2164	2171	2177	rBV	476494	709840	3.71%	0.529%
13	15.886	2186	2193	2202	rBV	3191502	4546888	23.76%	3.390%
14	16.339	2263	2270	2276	rBV	1177658	1605598	8.39%	1.197%
15	16.551	2301	2306	2314	rBV	229828	415580	2.17%	0.310%
16	17.139	2400	2406	2411	rVV2	2231921	3097079	16.18%	2.309%
17	17.186	2411	2414	2418	rVV	126692	192570	1.01%	0.144%
18	17.233	2418	2422	2426	rVV	672613	819059	4.28%	0.611%
19	18.039	2554	2559	2568	rBV	1364424	2106602	11.01%	1.571%
20	18.503	2635	2638	2646	rVB2	153607	212161	1.11%	0.158%
21	18.603	2652	2655	2665	rVB	155656	268509	1.40%	0.200%
22	19.045	2726	2730	2735	rVB	1080519	1158973	6.06%	0.864%
23	19.203	2750	2757	2762	rBV	606628	1021063	5.34%	0.761%
24	19.256	2762	2766	2771	rVB	1896182	2062877	10.78%	1.538%
25	19.321	2773	2777	2781	rBV2	570224	771619	4.03%	0.575%
26	19.562	2810	2818	2828	rVB	727363	1352290	7.07%	1.008%
27	19.768	2847	2853	2858	rVB	7215233	8268536	43.21%	6.164%
28	20.056	2894	2902	2913	rBV3	1018150	1919001	10.03%	1.431%
29	20.162	2917	2920	2923	rVB	182405	238371	1.25%	0.178%
30	20.368	2951	2955	2958	rBV2	161284	252234	1.32%	0.188%
31	20.409	2958	2962	2974	rVB	534989	809097	4.23%	0.603%
32	20.574	2986	2990	2994	rBV3	273214	368560	1.93%	0.275%
33	20.750	3017	3020	3028	rVB3	232360	308467	1.61%	0.230%
34	21.056	3068	3072	3082	rBV2	5746188	8129837	42.48%	6.061%
35	21.139	3083	3086	3101	rVB3	300608	578879	3.02%	0.432%
36	21.380	3120	3127	3132	rBV2	2919182	5768244	30.14%	4.300%

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Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.521	3148	3151	3155	rBV2	280272	384971	2.01%	0.287%
38	21.568	3155	3159	3173	rVB4	479715	935189	4.89%	0.697%
39	21.797	3194	3198	3202	rVB	368659	490523	2.56%	0.366%
40	22.162	3251	3260	3273	rBV	9066156	19136722	100.00%	14.267%
41	22.591	3328	3333	3348	rVB	461422	949223	4.96%	0.708%
42	22.774	3361	3364	3368	rVB	269653	386755	2.02%	0.288%
43	22.827	3369	3373	3380	rVB	268760	497658	2.60%	0.371%
44	23.091	3414	3418	3427	rVB	639282	1135776	5.94%	0.847%
45	23.427	3469	3475	3482	rBV	811687	2149762	11.23%	1.603%
46	23.515	3483	3490	3495	rVV2	1747482	3830132	20.01%	2.855%
47	23.580	3495	3501	3512	rVB	2447080	6016363	31.44%	4.485%
48	24.097	3583	3589	3603	rVB	437330	1074571	5.62%	0.801%
49	24.227	3606	3611	3623	rVB	557301	1309060	6.84%	0.976%
50	24.374	3628	3636	3643	rBV	1675276	3979775	20.80%	2.967%
51	24.856	3712	3718	3726	rBV	521275	1189598	6.22%	0.887%
52	25.156	3765	3769	3787	rVB	553498	1679884	8.78%	1.252%
53	25.415	3804	3813	3824	rVB	1488456	4143598	21.65%	3.089%
54	25.544	3827	3835	3853	rBV2	794359	2935972	15.34%	2.189%
55	25.703	3856	3862	3870	rBV	652719	1705791	8.91%	1.272%
56	28.567	4337	4349	4376	rVB8	2358657	11859387	61.97%	8.841%

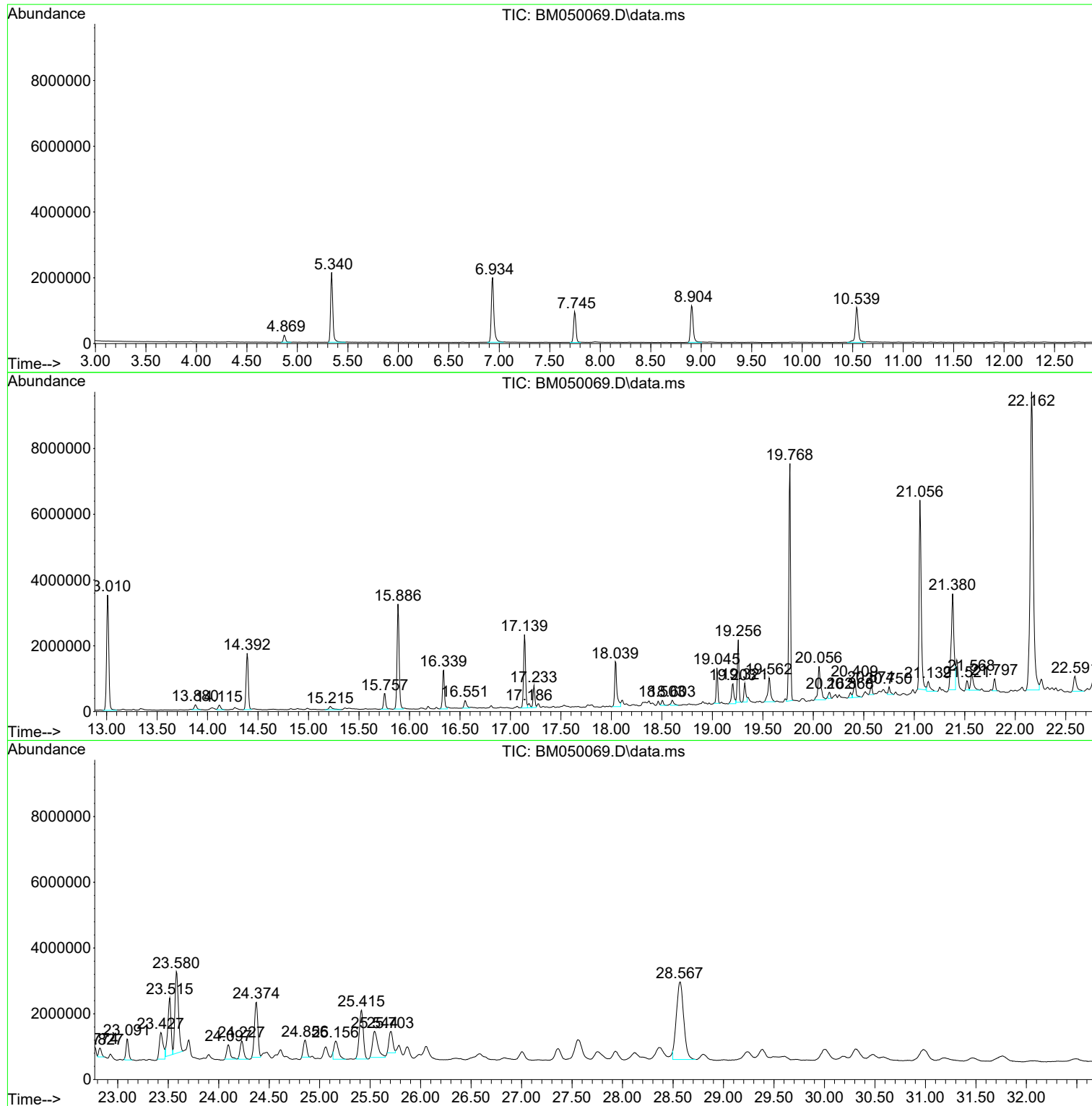
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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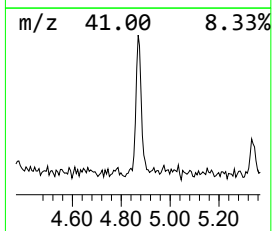
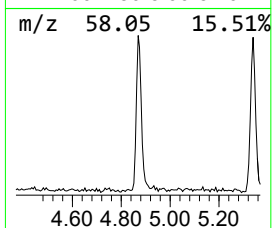
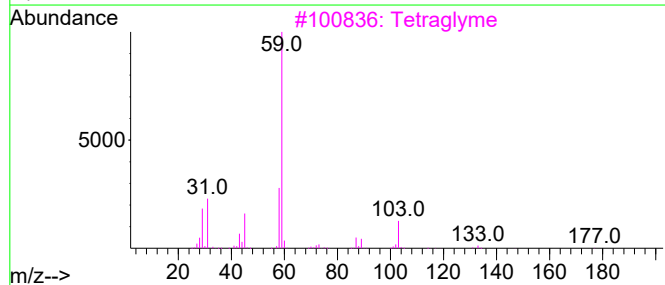
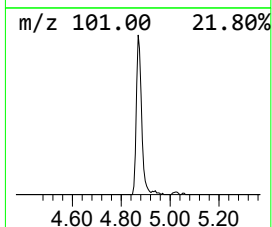
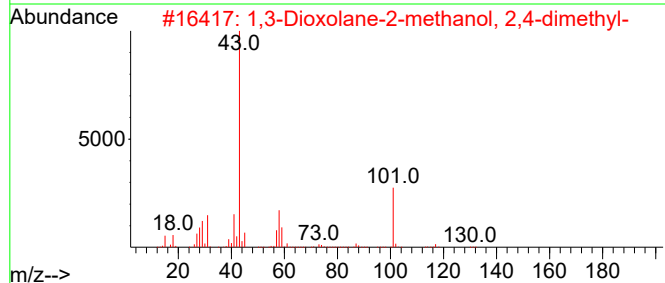
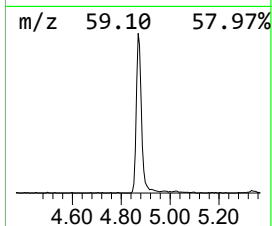
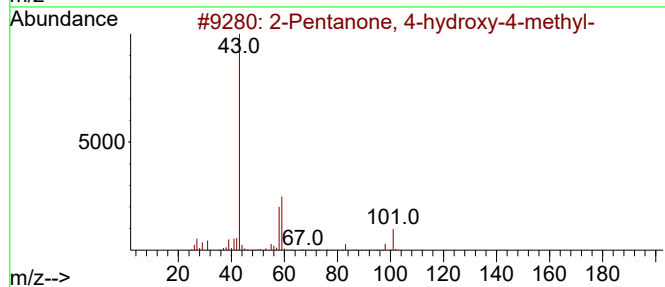
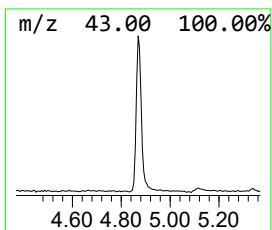
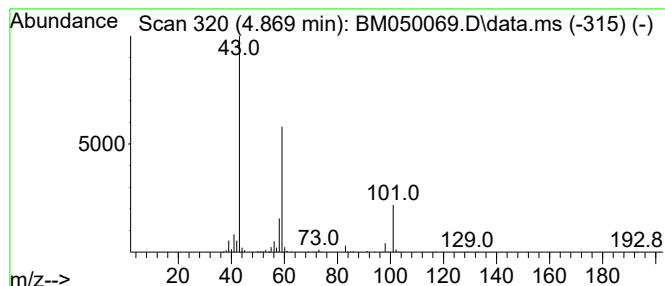
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	4.26 ng	319836	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3			Tetraglyme	222	C10H22O5	000143-24-8	25
4			2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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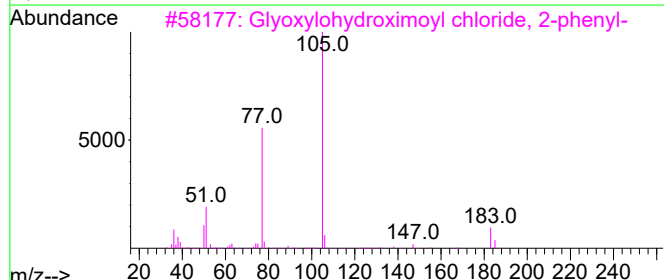
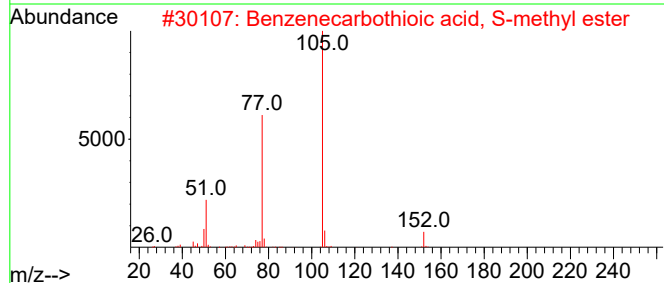
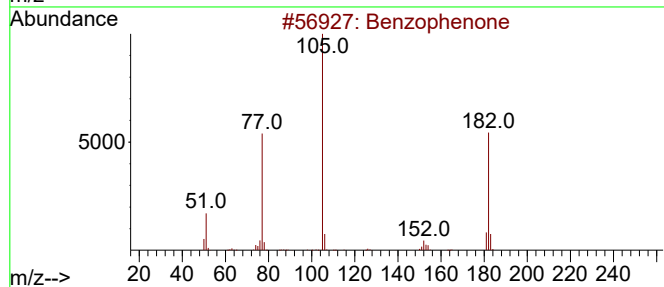
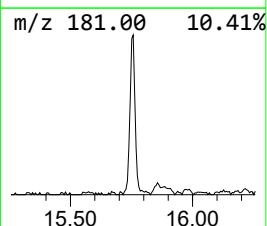
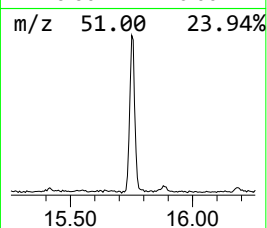
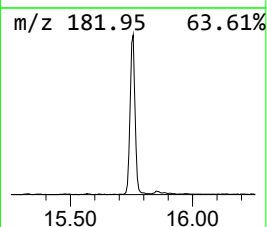
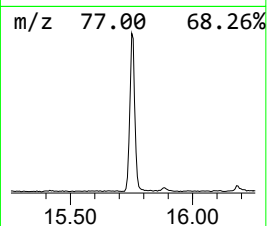
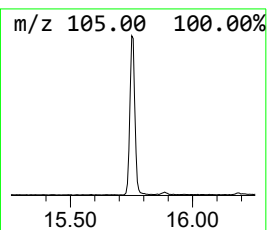
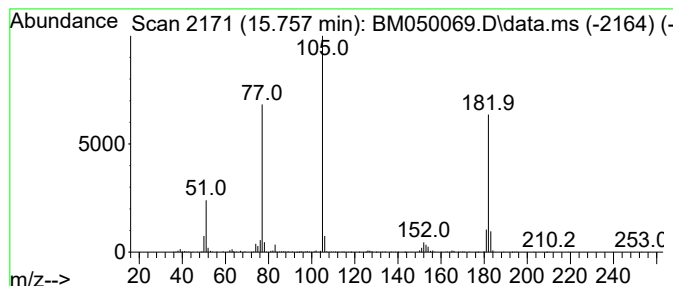
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.757	5.55 ng	709840	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	47
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5			Vinyl benzoate	148	C9H8O2	000769-78-8	43



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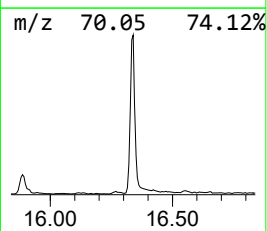
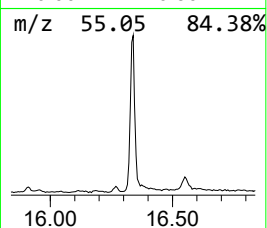
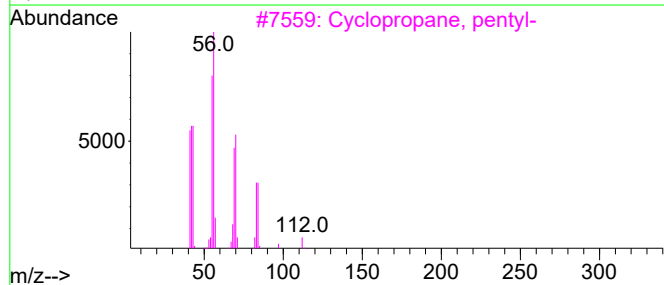
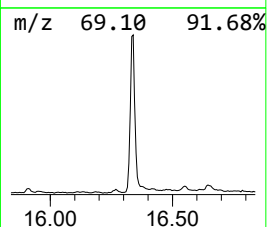
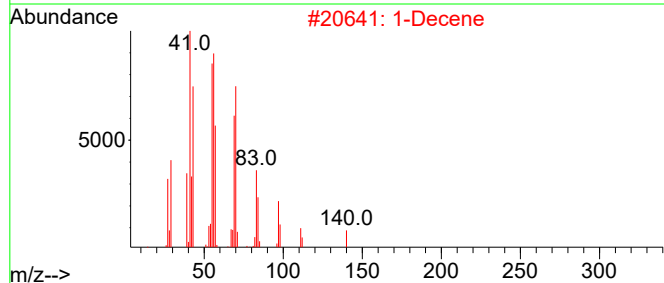
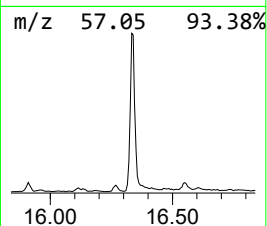
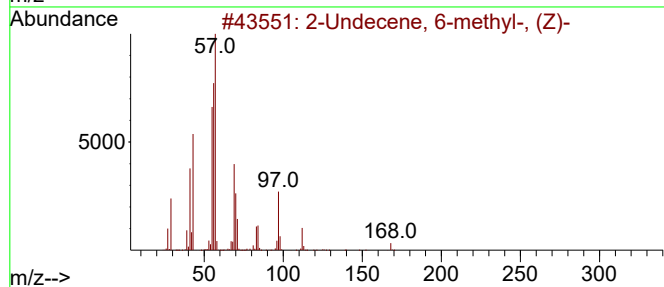
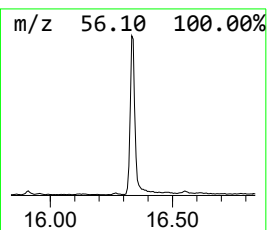
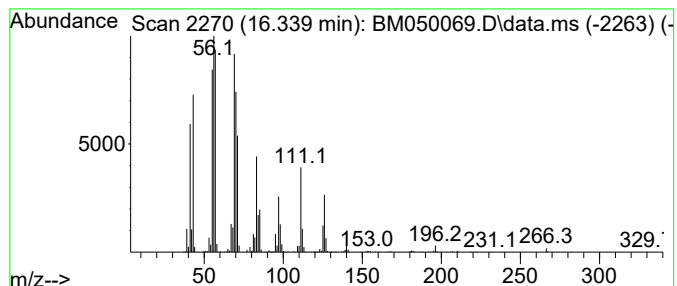
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 2-Undecene, 6-methyl-, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	10.37 ng	1605600	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 6-methyl-, (Z)-			168	C12H24	074630-43-6	50
2	1-Decene			140	C10H20	000872-05-9	49
3	Cyclopropane, pentyl-			112	C8H16	002511-91-3	43
4	3-Heptene, 2,6-dimethyl-			126	C9H18	002738-18-3	43
5	Cyclopropane, 1-methyl-2-pentyl-			126	C9H18	041977-37-1	38



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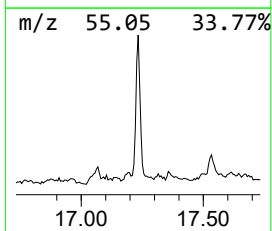
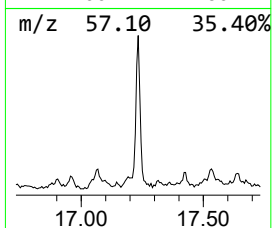
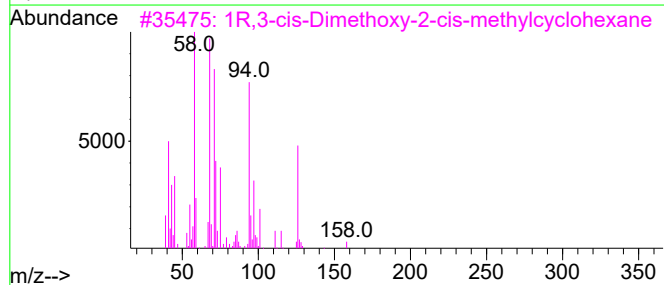
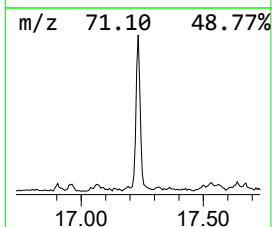
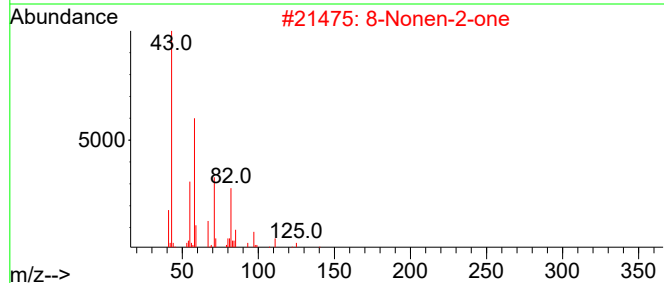
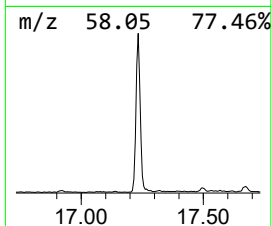
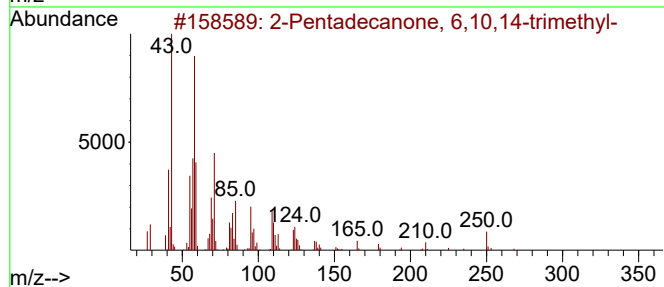
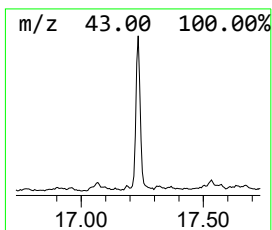
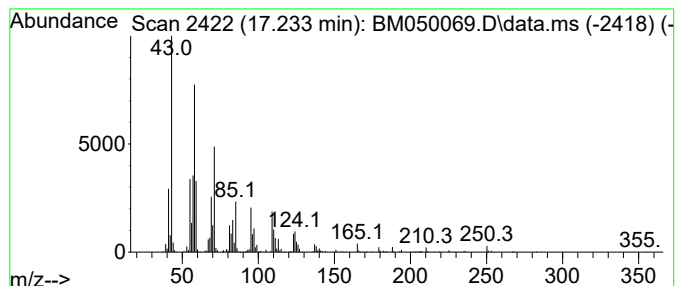
Instrument :
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 2-Pentadecanone, 6,10,14-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.233	5.29 ng	819059	Phenanthrene-d10		17.139	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentadecanone, 6,10,14-trimethyl-		268	C18H36O	000502-69-2	95
2	8-Nonen-2-one		140	C9H16O	005009-32-5	50
3	1R,3-cis-Dimethoxy-2-cis-methylc...		158	C9H18O2	059013-96-6	47
4	2-Hexanone, 4-methyl-		114	C7H14O	000105-42-0	38
5	2-Undecanone, 6,10-dimethyl-		198	C13H26O	001604-34-8	38



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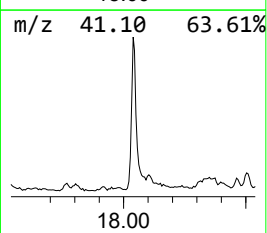
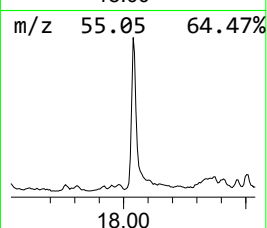
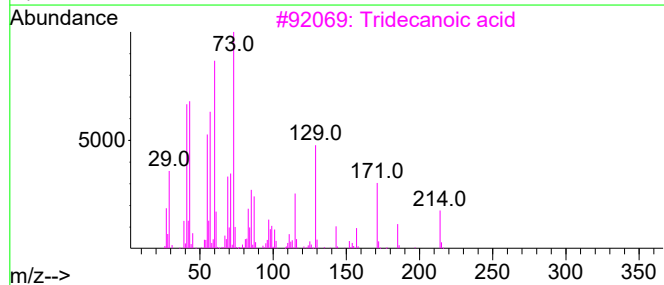
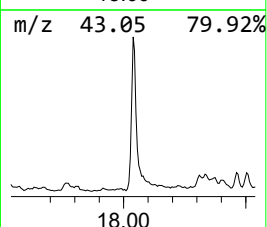
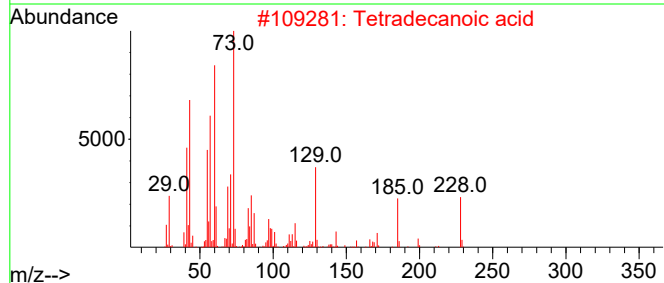
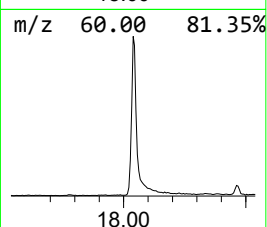
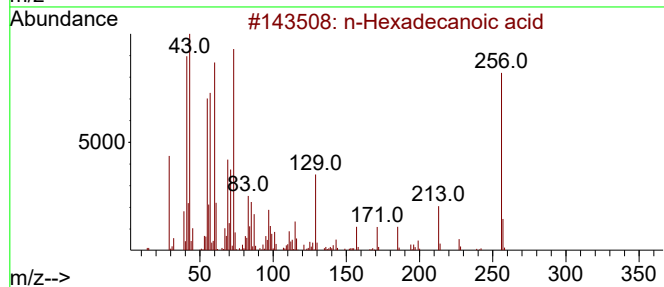
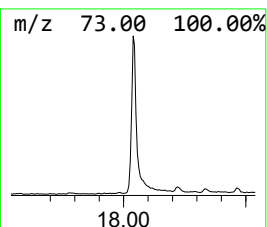
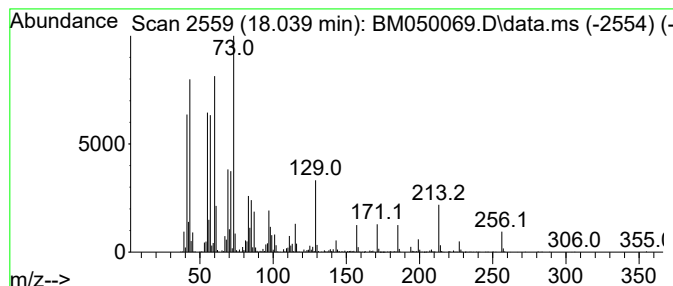
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.039	13.60 ng	2106600	Phenanthrene-d10	17.139	
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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

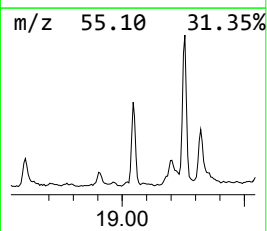
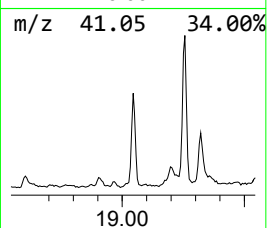
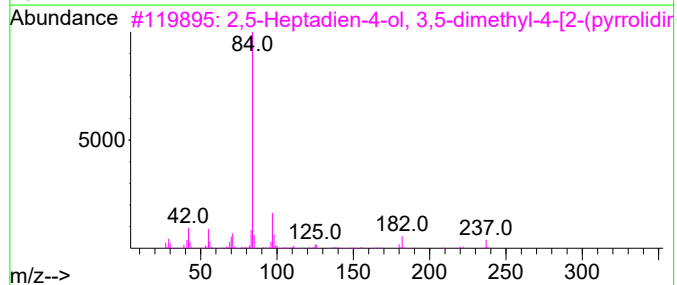
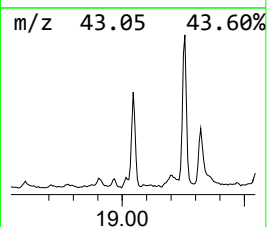
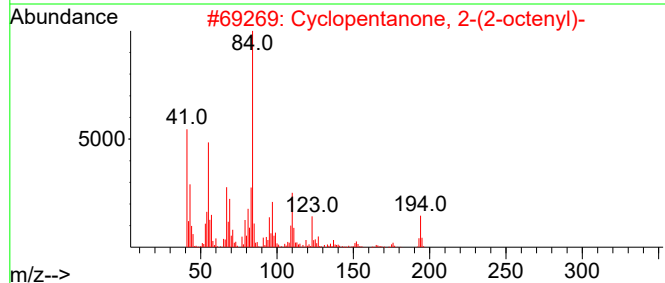
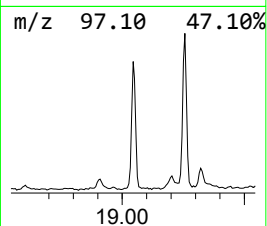
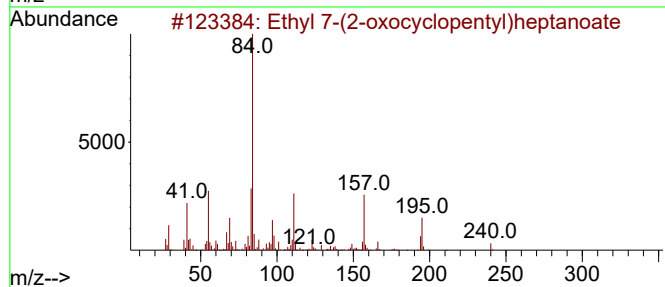
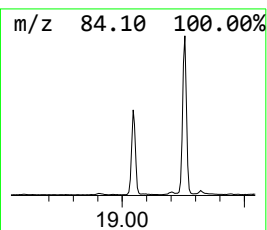
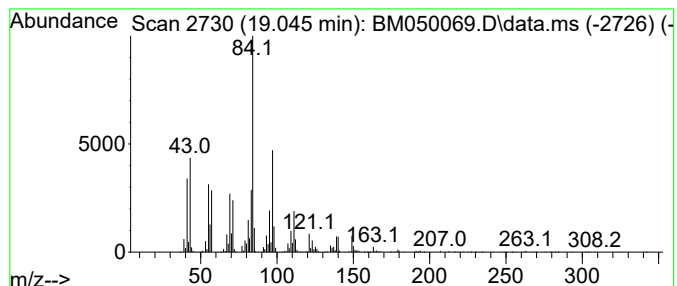
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown19.045 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.045	7.48 ng	1158970	Phenanthrene-d10	17.139	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 7-(2-oxocyclopentyl)heptan...	240	C14H24O3	040687-10-3	47
2	Cyclopentanone, 2-(2-octenyl)-	194	C13H22O	1000131-94-9	45
3	2,5-Heptadien-4-ol, 3,5-dimethyl...	237	C15H27NO	178763-04-7	43
4	4,4,6-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	1000144-64-7	43
5	2-n-Hexylcyclopentanone	168	C11H20O	013074-65-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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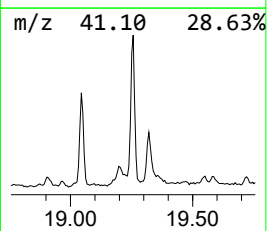
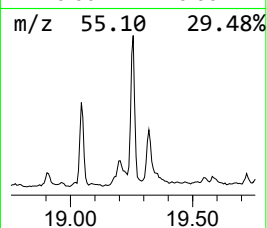
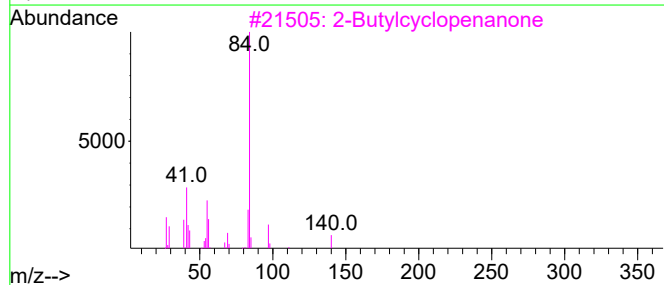
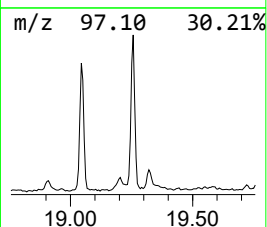
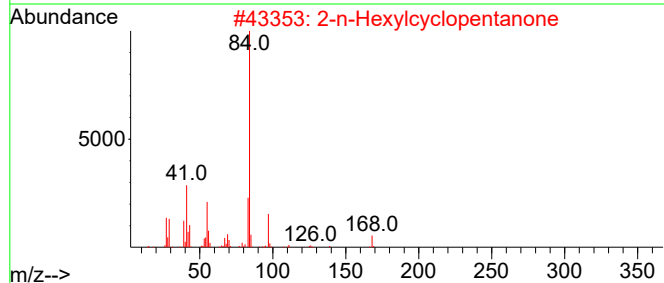
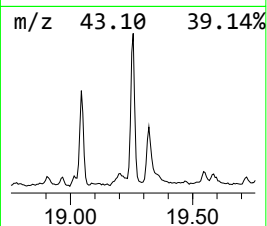
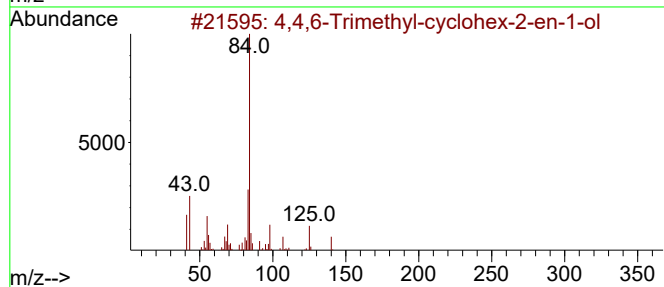
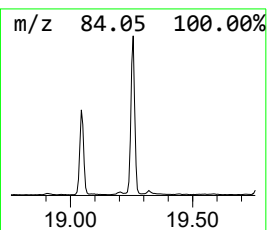
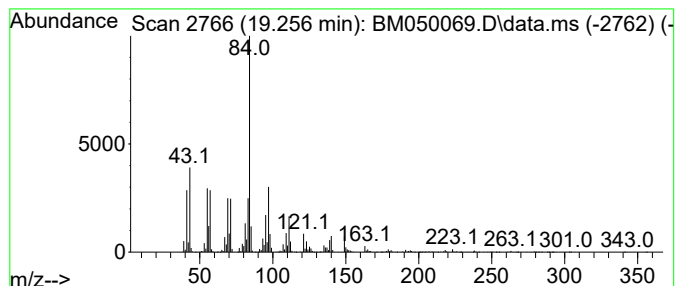
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4,4,6-Trimethyl-cyclohex-2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.256	13.32 ng	2062880	Phenanthrene-d10	17.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4,4,6-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	1000144-64-7	50
2		2-n-Hexylcyclopentanone	168	C11H20O	013074-65-2	50
3		2-Butylcyclopentanone	140	C9H16O	1000433-20-1	50
4		Amyl cyclopentanone	154	C10H18O	004819-67-4	50
5		Cyclopentane, 1,2,3,4,5-pentamet...	140	C10H20	1000152-79-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

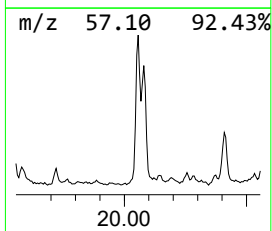
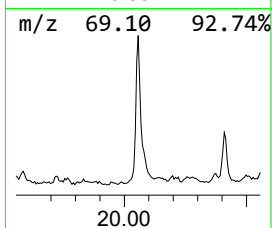
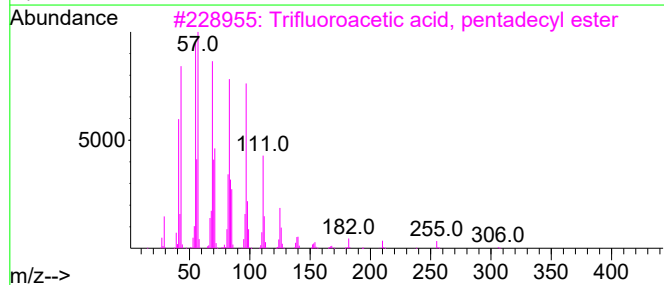
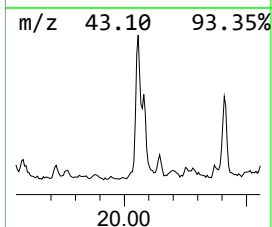
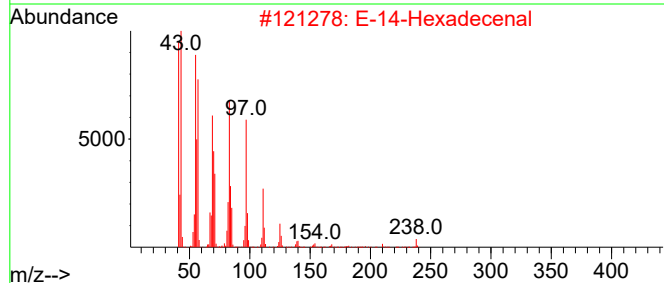
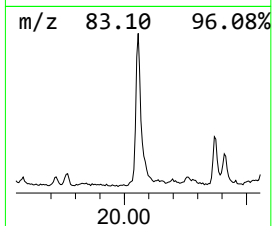
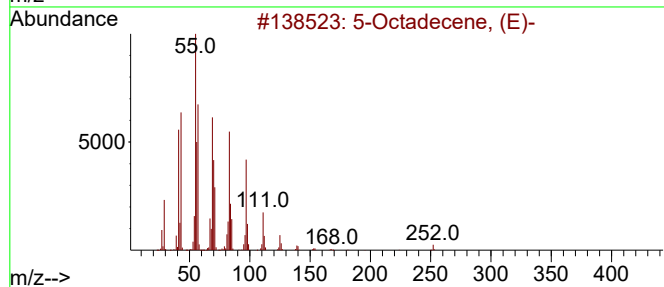
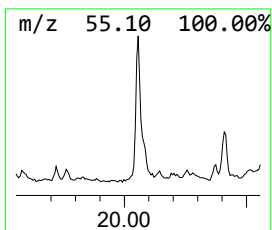
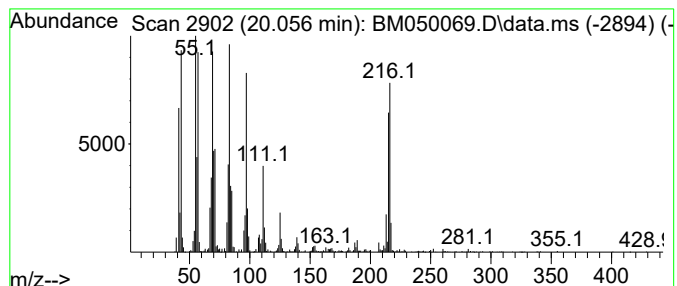
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Octadecene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.056	6.65 ng	1919000	Chrysene-d12	21.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	98
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	96
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	89
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	89
5	1-Heneicosanol	312	C21H44O	015594-90-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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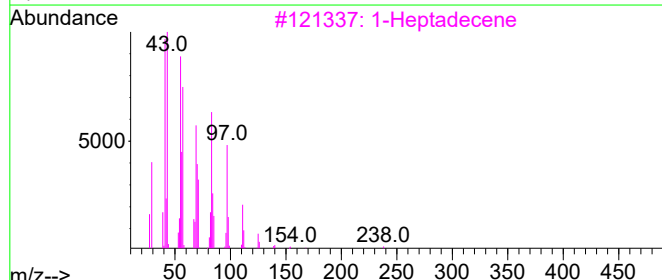
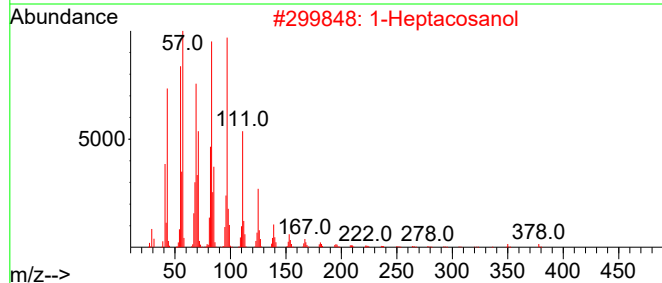
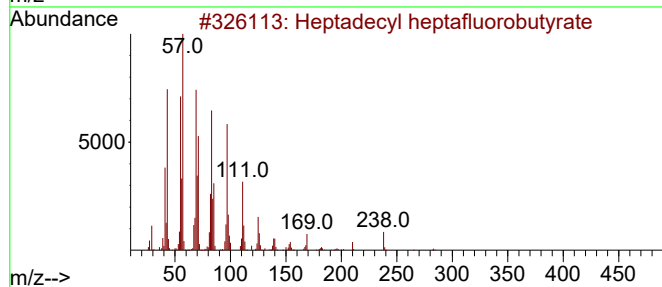
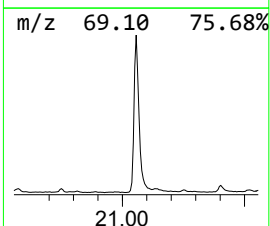
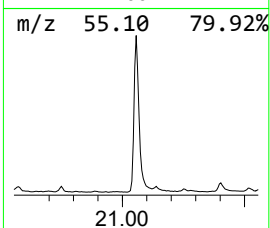
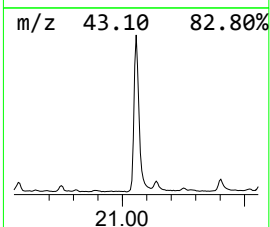
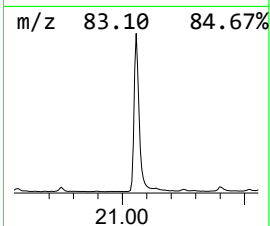
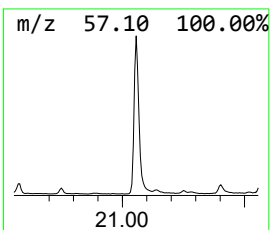
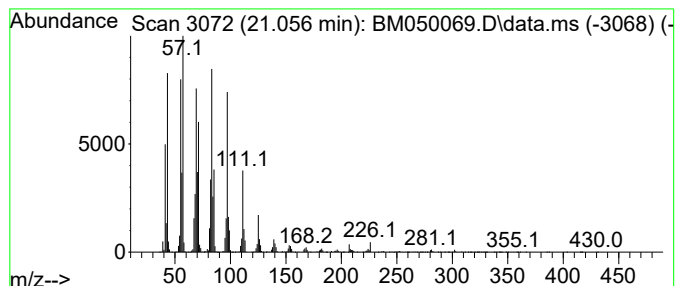
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	28.19 ng	8129840	Chrysene-d12	21.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			1-Heptacosanol	396	C27H56O	002004-39-9	94
3			1-Heptadecene	238	C17H34	006765-39-5	93
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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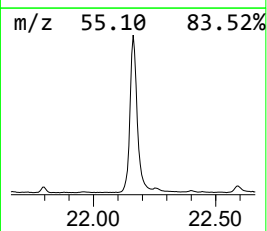
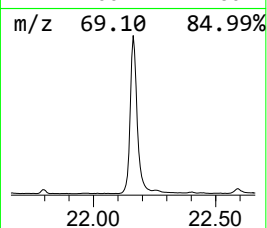
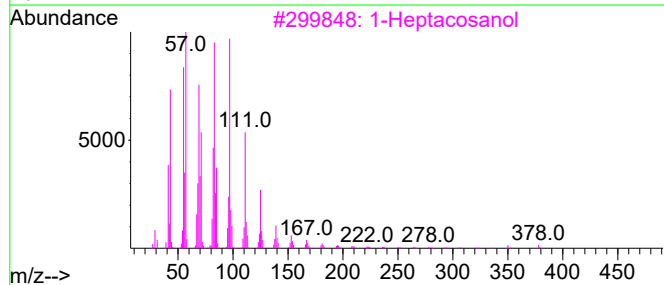
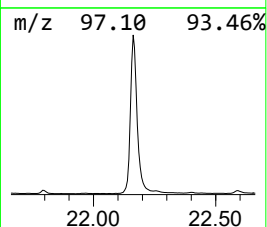
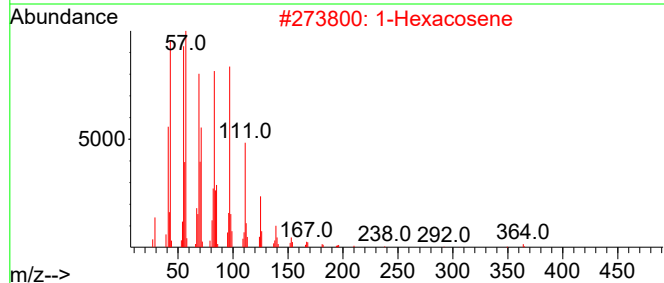
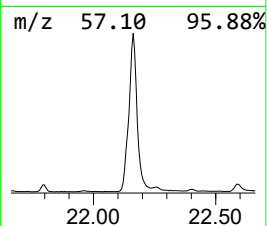
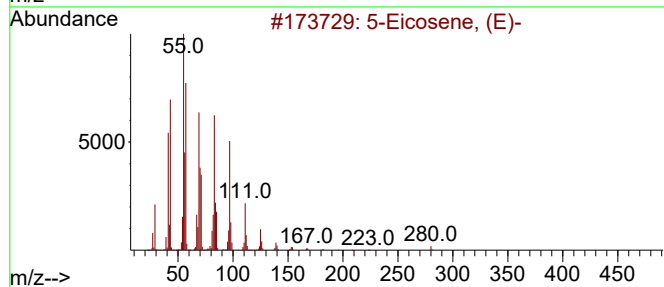
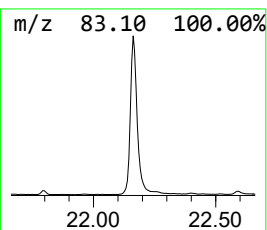
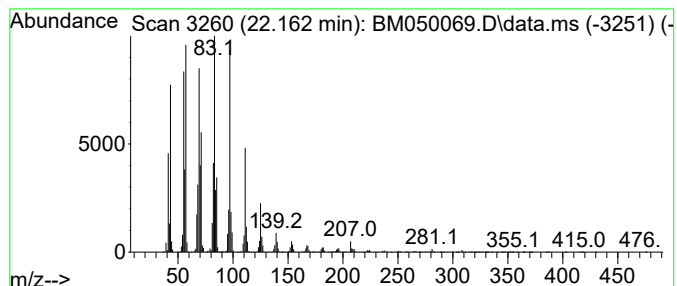
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.162	66.35 ng	19136700	Chrysene-d12	21.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Hexacosene	364	C26H52	018835-33-1	95
3		1-Heptacosanol	396	C27H56O	002004-39-9	95
4		Cyclopentadecane	210	C15H30	000295-48-7	94
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
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Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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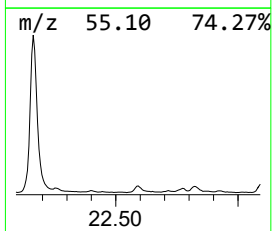
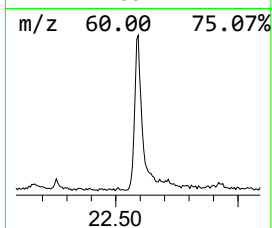
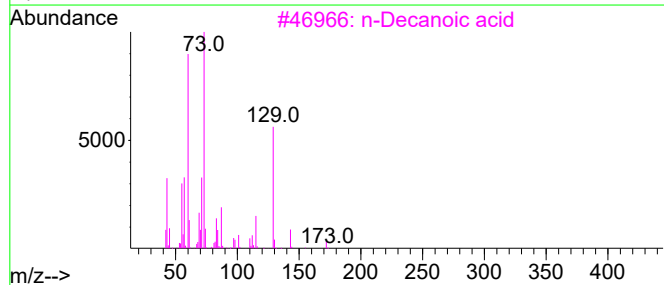
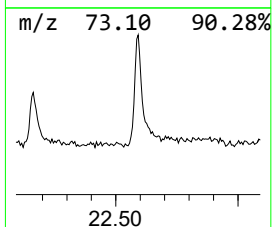
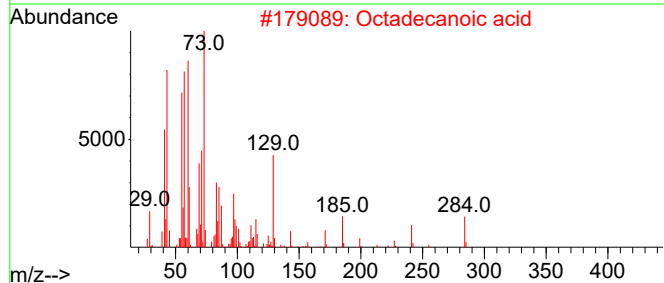
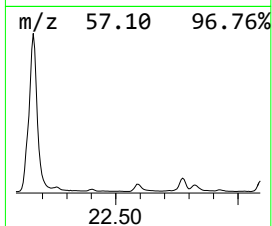
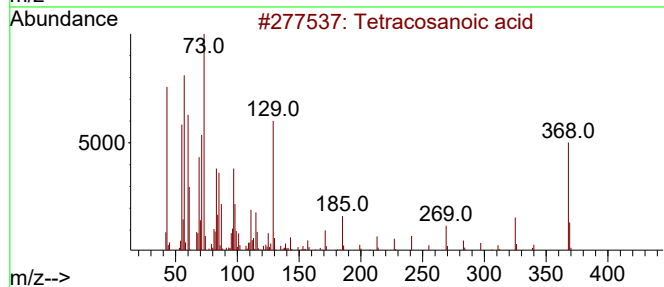
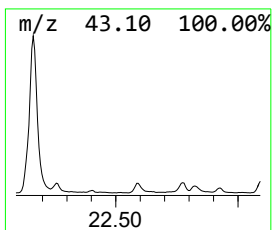
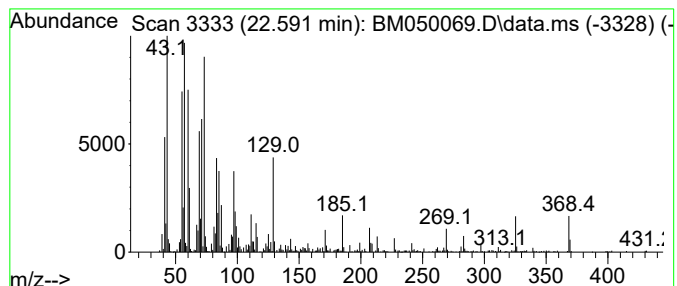
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.591	3.29 ng	949223	Chrysene-d12	21.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid	368	C24H48O2	000557-59-5	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	91
3			n-Decanoic acid	172	C10H20O2	000334-48-5	55
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
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Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

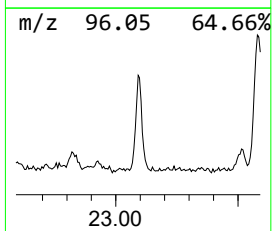
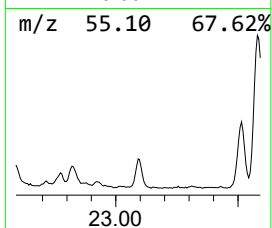
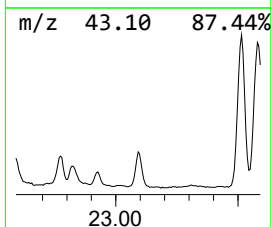
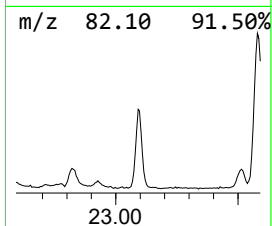
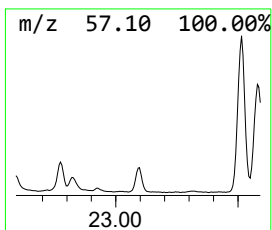
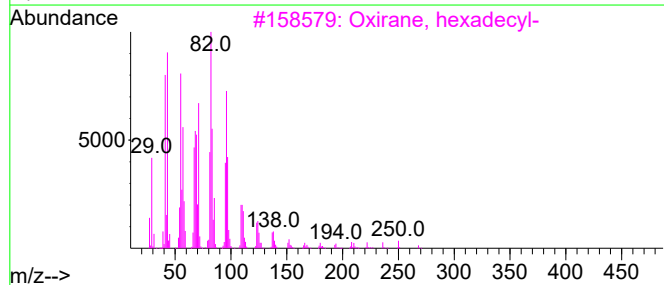
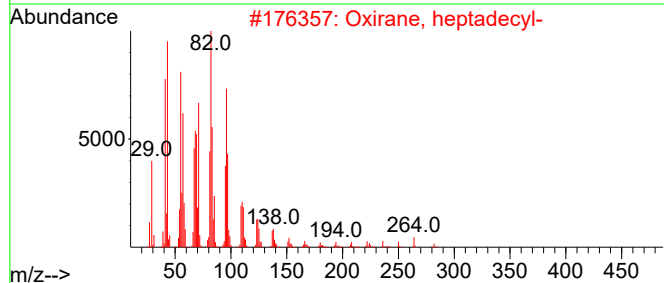
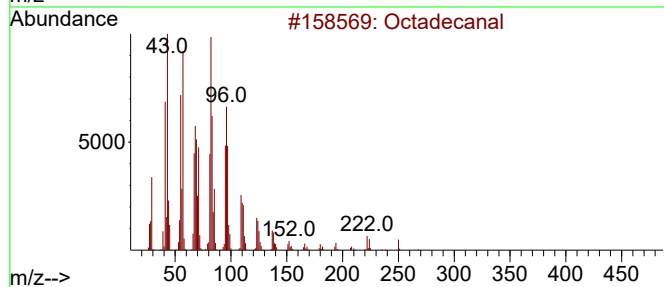
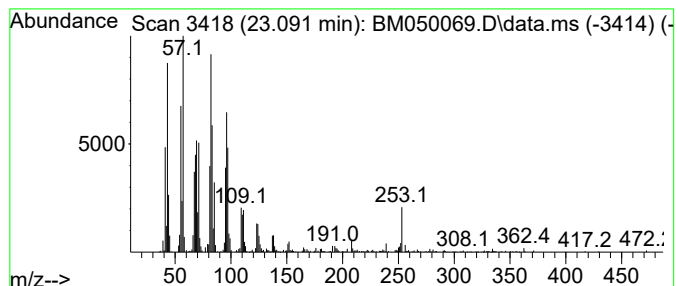
Instrument :
BNA_M
ClientSampleId :
WC-1

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 12 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.091	5.71 ng	1135780	Perylene-d12		24.368	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanal		268	C18H36O	000638-66-4	96
2	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	95
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	95
4	Hexacosanal		380	C26H52O	026627-85-0	94
5	Eicosanal-		296	C20H40O	002400-66-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

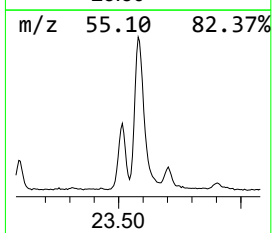
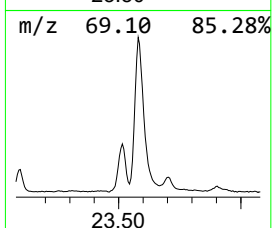
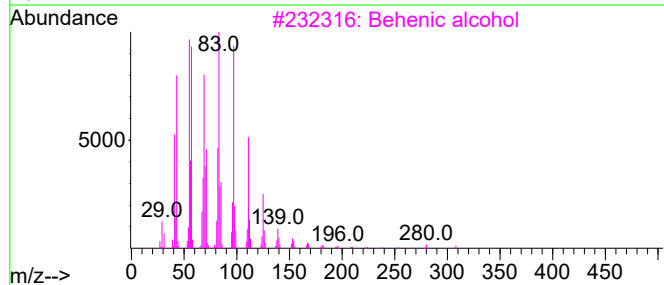
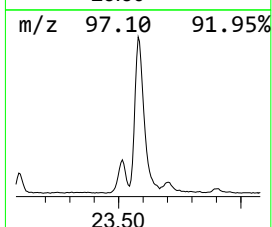
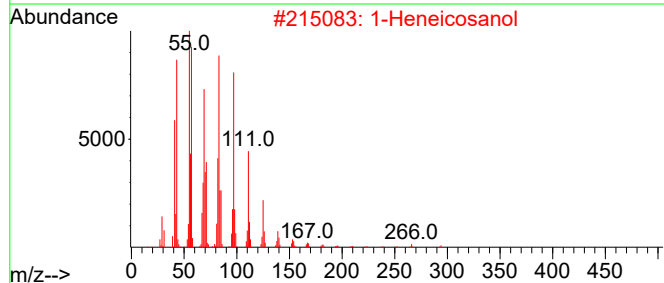
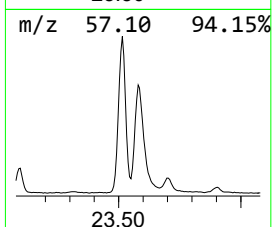
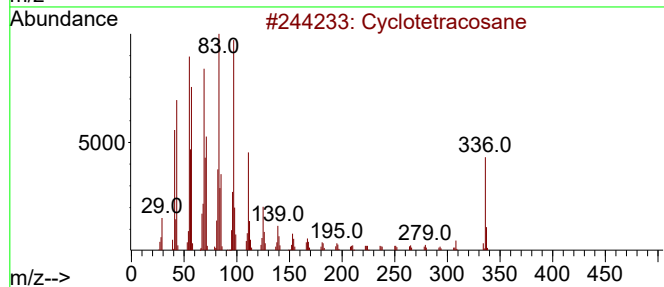
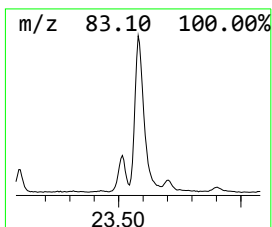
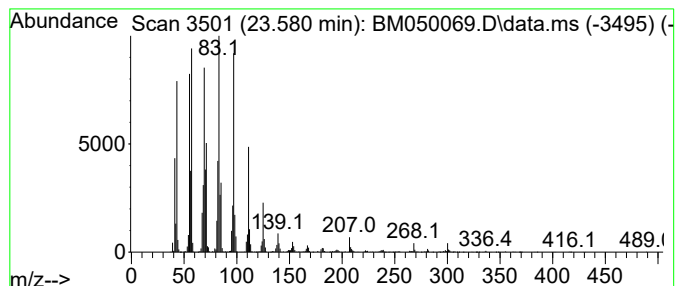
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.580	30.23 ng	6016360	Perylene-d12	24.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	99
2			1-Heneicosanol	312	C21H44O	015594-90-8	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			1-Heptacosanol	396	C27H56O	002004-39-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

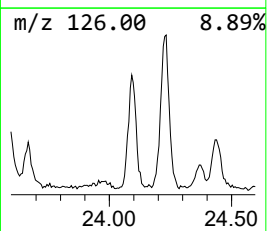
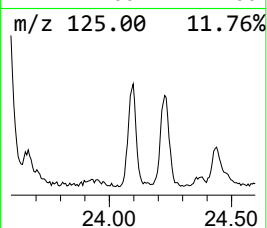
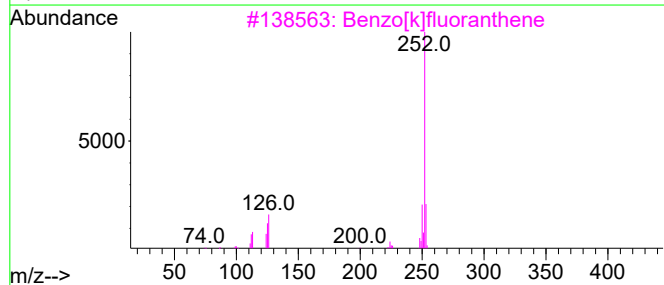
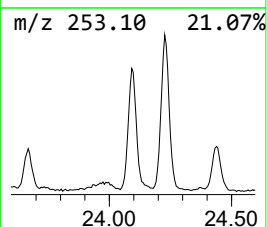
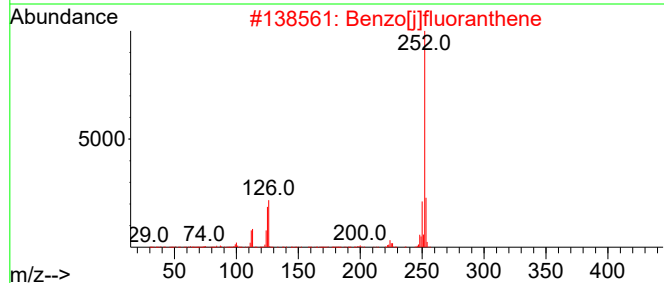
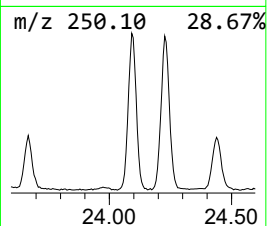
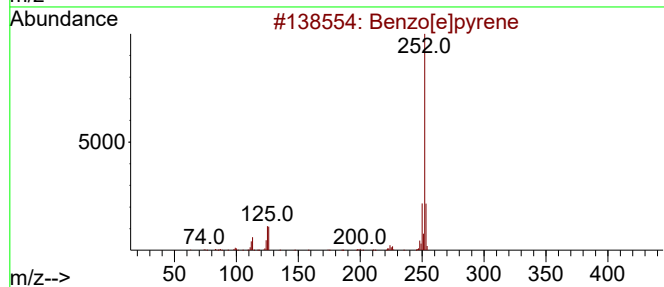
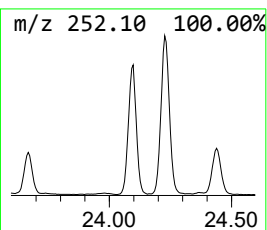
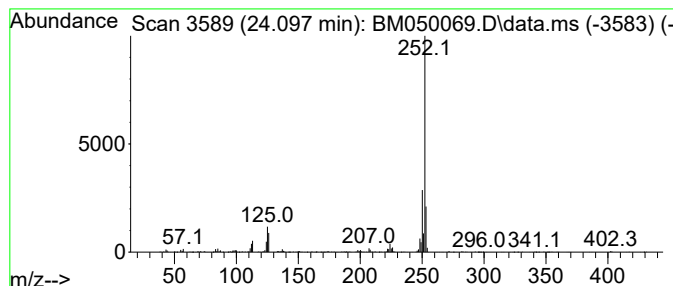
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.097	5.40 ng	1074570	Perylene-d12	24.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

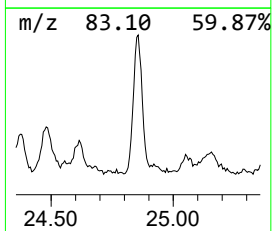
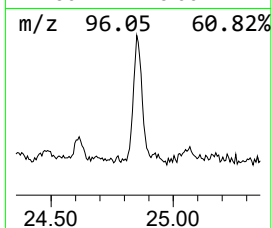
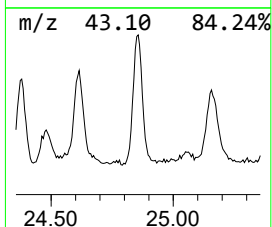
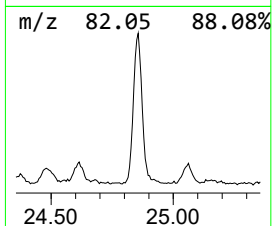
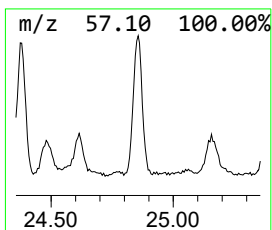
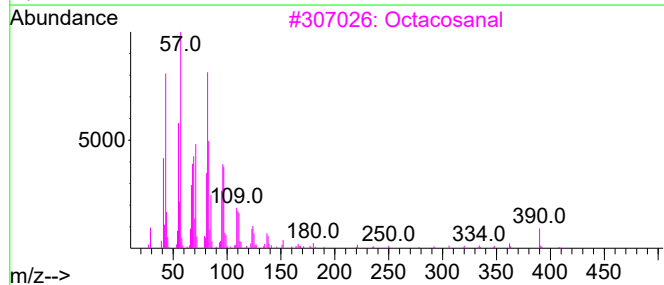
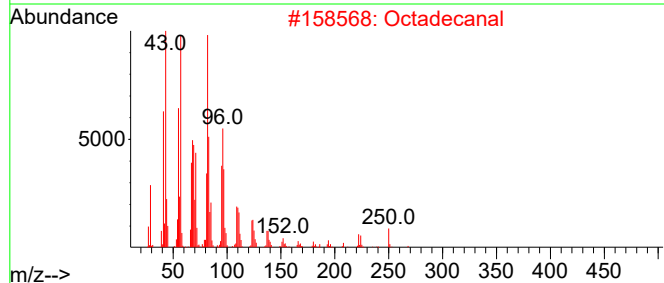
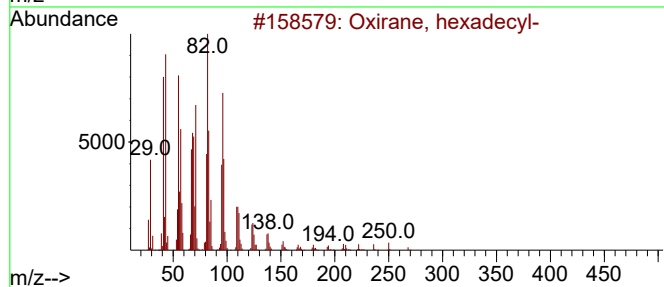
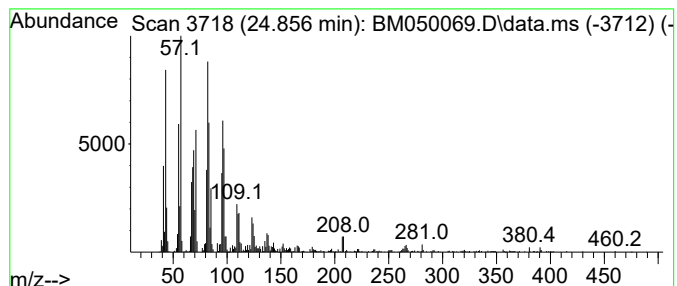
Instrument :
BNA_M
ClientSampleId :
WC-1

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 15 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.856	5.98 ng	1189600	Perylene-d12		24.368	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	93
2	Octadecanal		268	C18H36O	000638-66-4	93
3	Octacosanal		408	C28H56O	022725-64-0	91
4	Hexacosanal		380	C26H52O	026627-85-0	91
5	Heptacosanal		394	C27H54O	072934-03-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

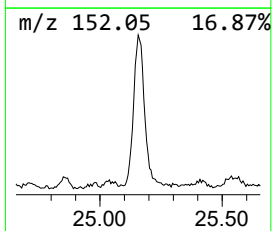
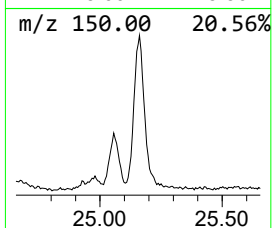
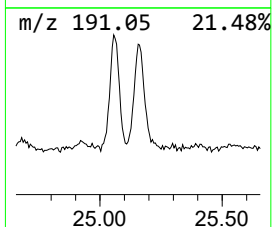
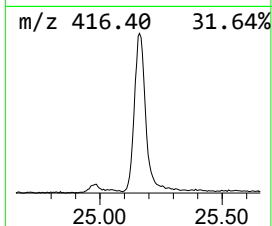
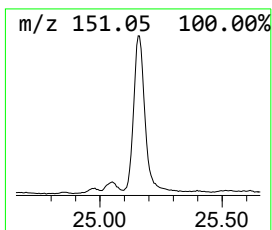
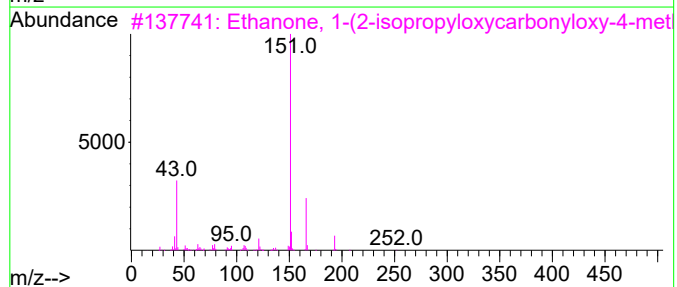
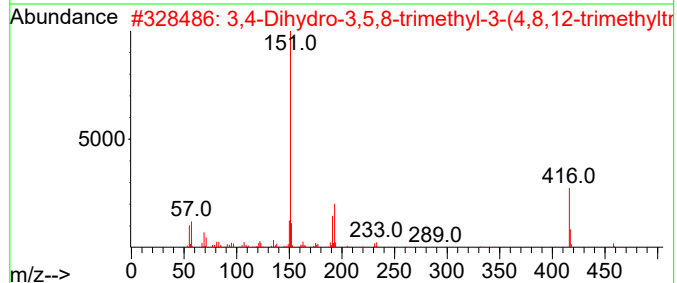
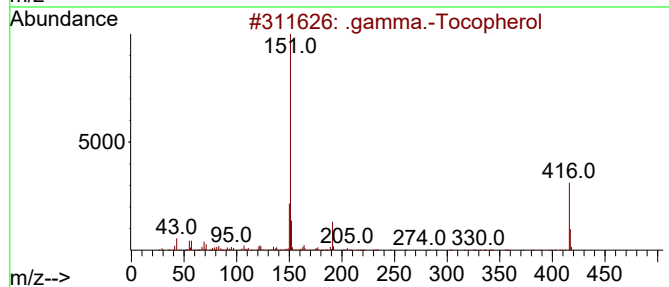
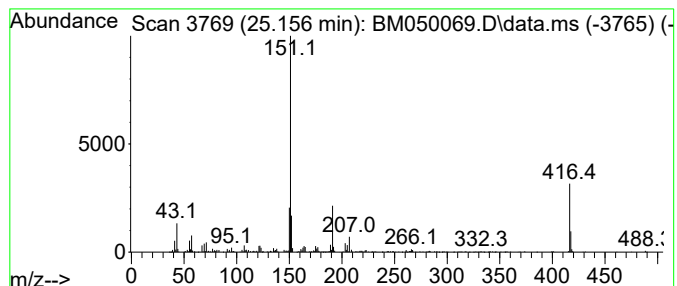
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Tocopherol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.156	8.44 ng	1679880	Perylene-d12	24.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Tocopherol	416	C28H48O2	007616-22-0	98
2			3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	50
3			Ethanone, 1-(2-isopropoxyoxycarbo...	252	C13H16O5	1000487-69-2	43
4			Thiourea, N-[1-methyl-2(1H)-pyri...	243	C13H13N3S	1000350-42-6	35
5			Ethanone, 1-(2-hydroxy-6-methoxy...	166	C9H10O3	000703-23-1	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

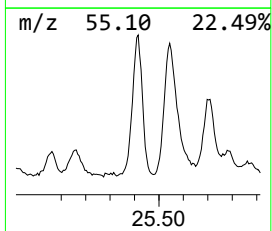
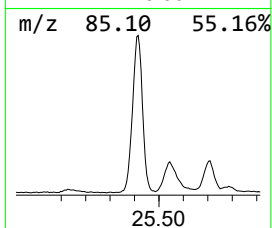
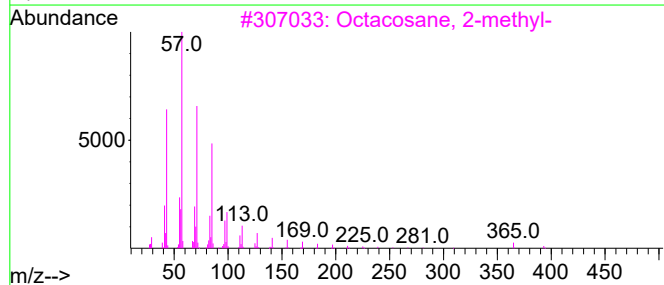
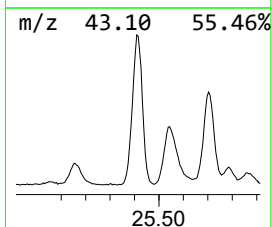
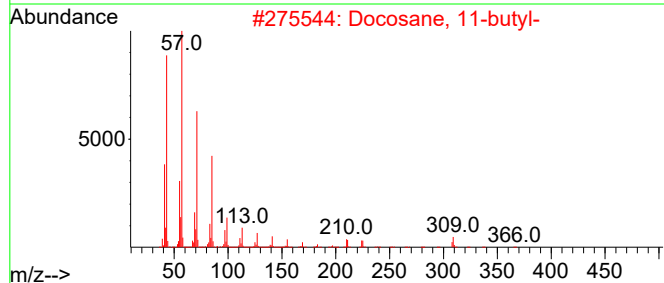
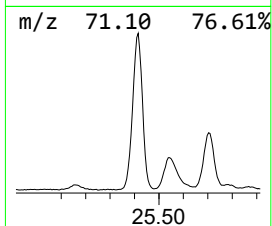
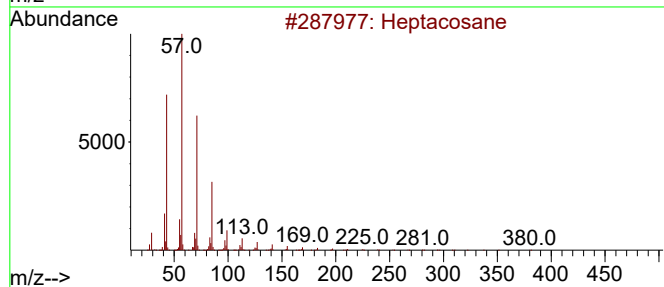
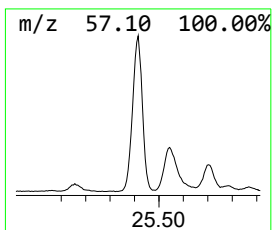
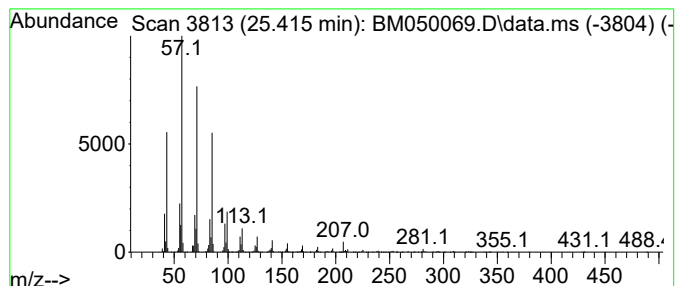
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.415	20.82 ng	4143600	Perylene-d12	24.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	98
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

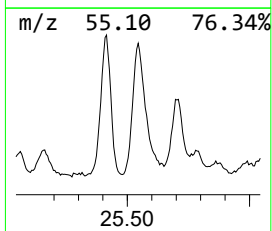
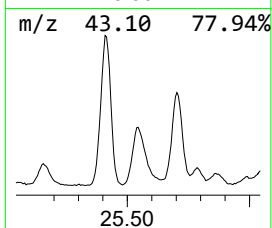
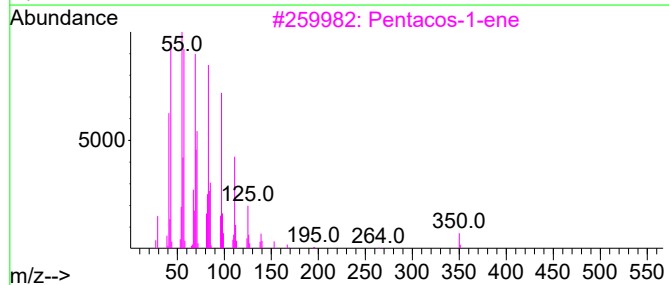
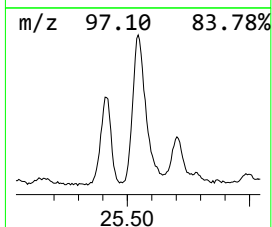
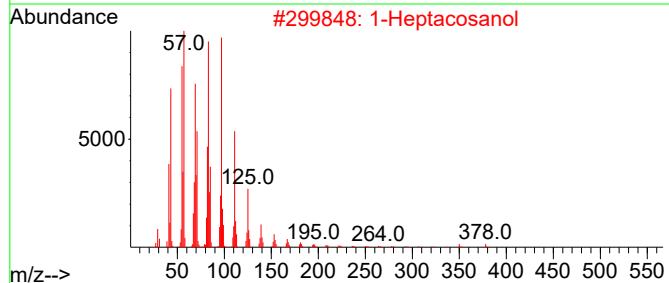
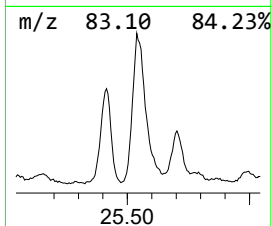
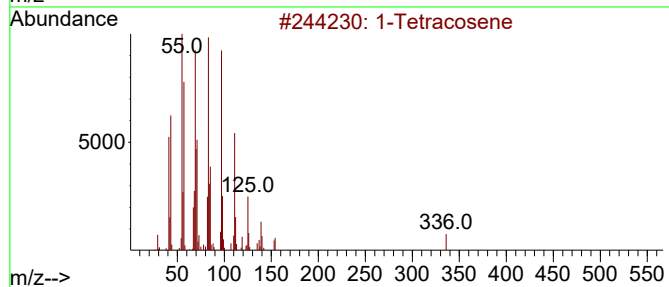
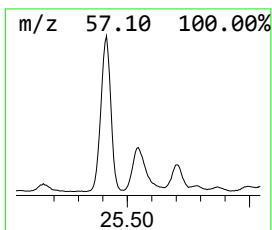
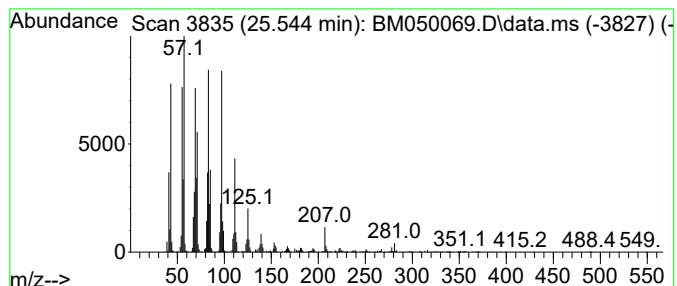
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Tetracosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.544	14.75 ng	2935970	Perylene-d12	24.368	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	96
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Pentacos-1-ene	350	C25H50	016980-85-1	93
4	Octacosanol	410	C28H58O	000557-61-9	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

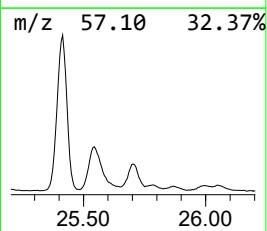
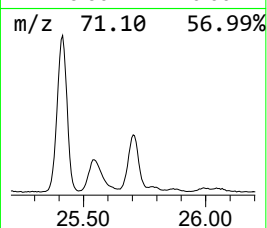
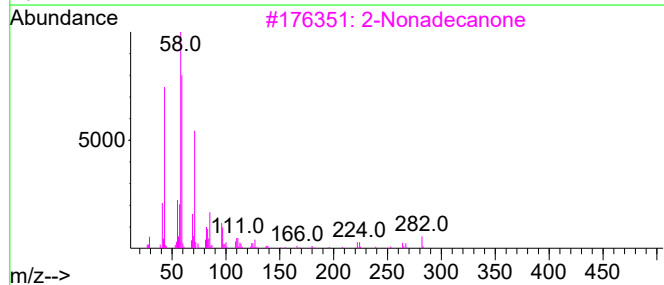
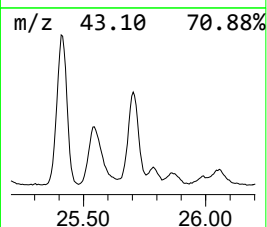
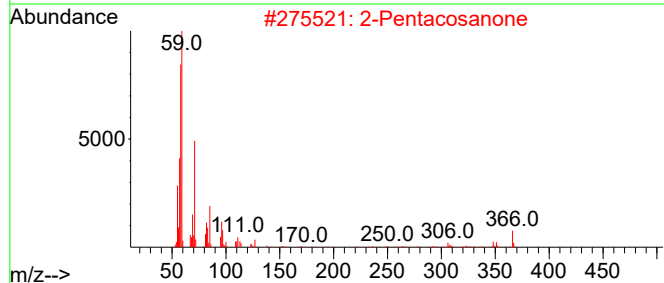
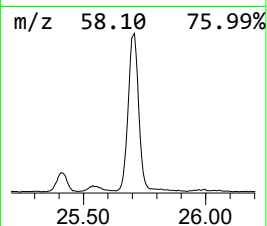
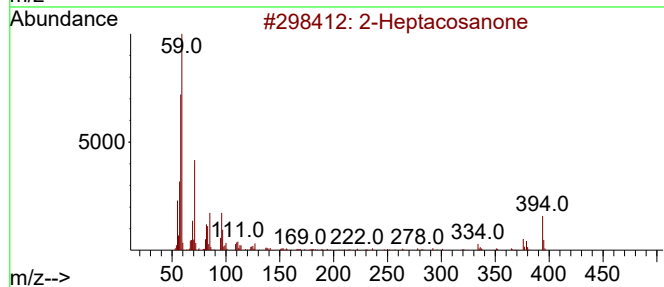
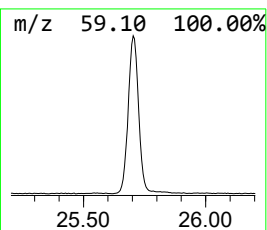
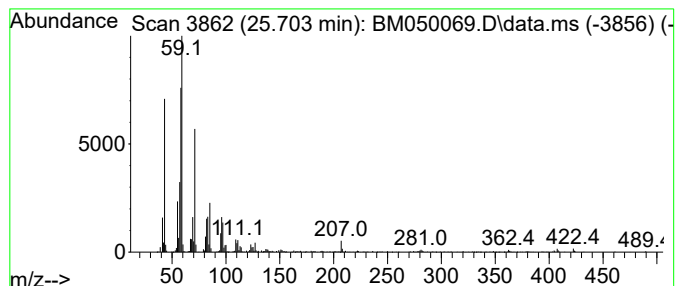
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Heptacosanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.703	8.57 ng	1705790	Perylene-d12	24.368

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Heptacosanone	394	C27H54O	007796-19-2	91
2		2-Pentacosanone	366	C25H50O	075207-54-4	90
3		2-Nonadecanone	282	C19H38O	000629-66-3	64
4		Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	53
5		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

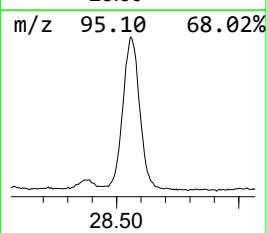
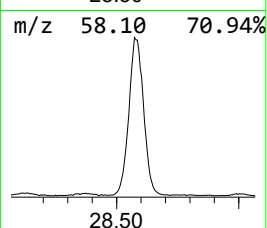
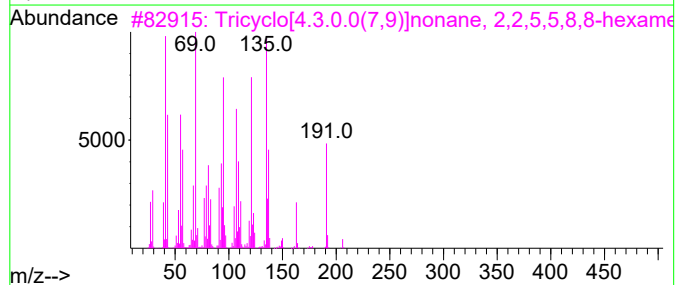
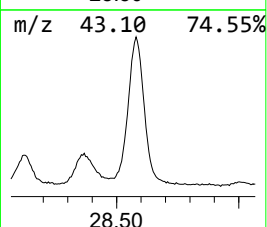
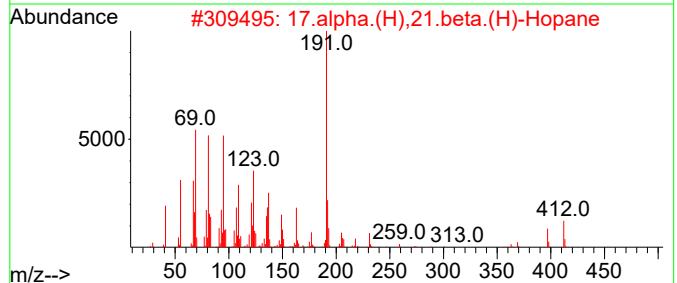
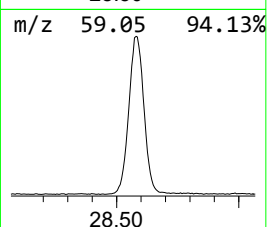
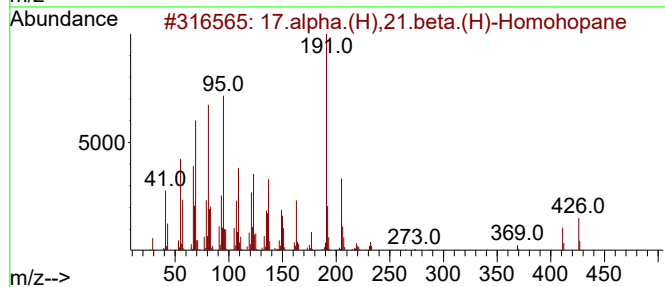
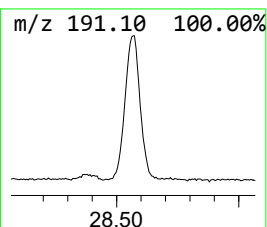
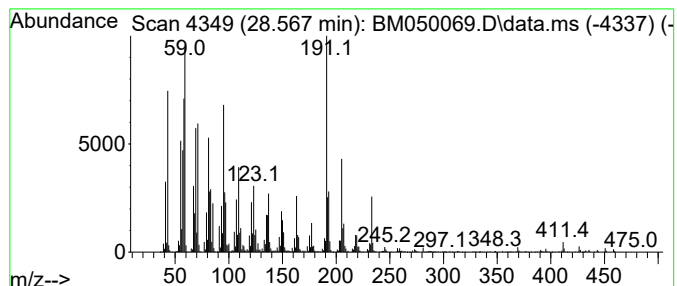
Instrument :
BNA_M
ClientSampleId :
WC-1

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 20 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
28.567	59.60 ng	11859400	Perylene-d12		24.368	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	17.alpha.(H),21.beta.(H)-Homohopane		426	C31H54	053584-61-5	96
2	17.alpha.(H),21.beta.(H)-Hopane		412	C30H52	013849-96-2	45
3	Tricyclo[4.3.0.0(7,9)]nonane, 2,...		206	C15H26	054832-82-5	30
4	Albocycline, methyl ether		322	C19H30O4	1000506-07-3	25
5	1-Penten-3-one, 1-(2,6,6-trimeth...		206	C14H22O	000127-43-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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-...	4.869	4.3	ng	319836	1	7.745	1500120	20.0
Benzophenone	15.757	5.5	ng	709840	3	14.392	2558020	20.0
2-Undecene, 6-m...	16.339	10.4	ng	1605600	4	17.139	3097080	20.0
2-Pentadecanone...	17.233	5.3	ng	819059	4	17.139	3097080	20.0
n-Hexadecanoic ...	18.039	13.6	ng	2106600	4	17.139	3097080	20.0
unknown19.045	19.045	7.5	ng	1158970	4	17.139	3097080	20.0
4,4,6-Trimethyl...	19.256	13.3	ng	2062880	4	17.139	3097080	20.0
5-Octadecene, (E)-	20.056	6.7	ng	1919000	5	21.380	5768240	20.0
Heptadecyl hept...	21.056	28.2	ng	8129840	5	21.380	5768240	20.0
5-Eicosene, (E)-	22.162	66.3	ng	19136700	5	21.380	5768240	20.0
Tetracosanoic acid	22.591	3.3	ng	949223	5	21.380	5768240	20.0
Octadecanal	23.091	5.7	ng	1135780	6	24.368	3979780	20.0
Cyclotetracosane	23.580	30.2	ng	6016360	6	24.368	3979780	20.0
Benzo[e]pyrene	24.097	5.4	ng	1074570	6	24.368	3979780	20.0
Oxirane, hexade...	24.856	6.0	ng	1189600	6	24.368	3979780	20.0
.gamma.-Tocopherol	25.156	8.4	ng	1679880	6	24.368	3979780	20.0
Heptacosane	25.415	20.8	ng	4143600	6	24.368	3979780	20.0
1-Tetracosene	25.544	14.8	ng	2935970	6	24.368	3979780	20.0
2-Heptacosanone	25.703	8.6	ng	1705790	6	24.368	3979780	20.0
17.alpha.(H),21...	28.567	59.6	ng	11859400	6	24.368	3979780	20.0