

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050120.D
 Acq On : 06 May 2025 15:20
 Operator : RC/JU
 Sample : Q1938-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

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: BM050120.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	rBV	251840	371456	3.56%	0.569%
2	5.340	394	400	416	rBV	2597402	4129400	39.61%	6.326%
3	6.428	578	585	595	rBV	109921	175085	1.68%	0.268%
4	6.934	664	671	699	rBV	2278526	4245063	40.72%	6.503%
5	7.746	802	809	819	rBV	1074628	1700204	16.31%	2.604%
6	8.904	996	1006	1031	rBV	1467028	2757334	26.45%	4.224%
7	10.539	1272	1284	1299	rBV	1194831	2267351	21.75%	3.473%
8	13.010	1696	1704	1724	rBV	4651942	7282326	69.85%	11.156%
9	13.710	1818	1823	1832	rBV	135138	199993	1.92%	0.306%
10	14.104	1884	1890	1901	rVB2	181211	323312	3.10%	0.495%
11	14.351	1927	1932	1934	rBV	84045	114376	1.10%	0.175%
12	14.392	1934	1939	1947	rVB	2004296	2967991	28.47%	4.547%
13	15.757	2165	2171	2179	rBV	500725	763746	7.33%	1.170%
14	15.892	2187	2194	2204	rBV	3509968	5398939	51.79%	8.270%
15	17.139	2400	2406	2412	rBV2	2302389	3403105	32.64%	5.213%
16	18.039	2553	2559	2574	rBV	1188439	2138958	20.52%	3.277%
17	18.310	2601	2605	2611	rBV2	213293	304191	2.92%	0.466%
18	19.204	2753	2757	2763	rBV	406820	571337	5.48%	0.875%
19	19.321	2773	2777	2782	rBV	291412	447626	4.29%	0.686%
20	19.568	2815	2819	2827	rVB	401686	623573	5.98%	0.955%
21	19.768	2848	2853	2865	rVB	8972554	10425425	100.00%	15.970%
22	20.021	2892	2896	2899	rBV2	236388	340322	3.26%	0.521%
23	20.221	2927	2930	2934	rBV3	153718	185326	1.78%	0.284%
24	20.539	2979	2984	2994	rBV	3532105	5122770	49.14%	7.847%
25	21.056	3069	3072	3081	rVB2	691924	1010706	9.69%	1.548%
26	21.380	3122	3127	3133	rBV	2266422	3564381	34.19%	5.460%
27	23.509	3485	3489	3495	rVB2	591019	1079016	10.35%	1.653%
28	24.374	3630	3636	3645	rVB	1419152	3366457	32.29%	5.157%

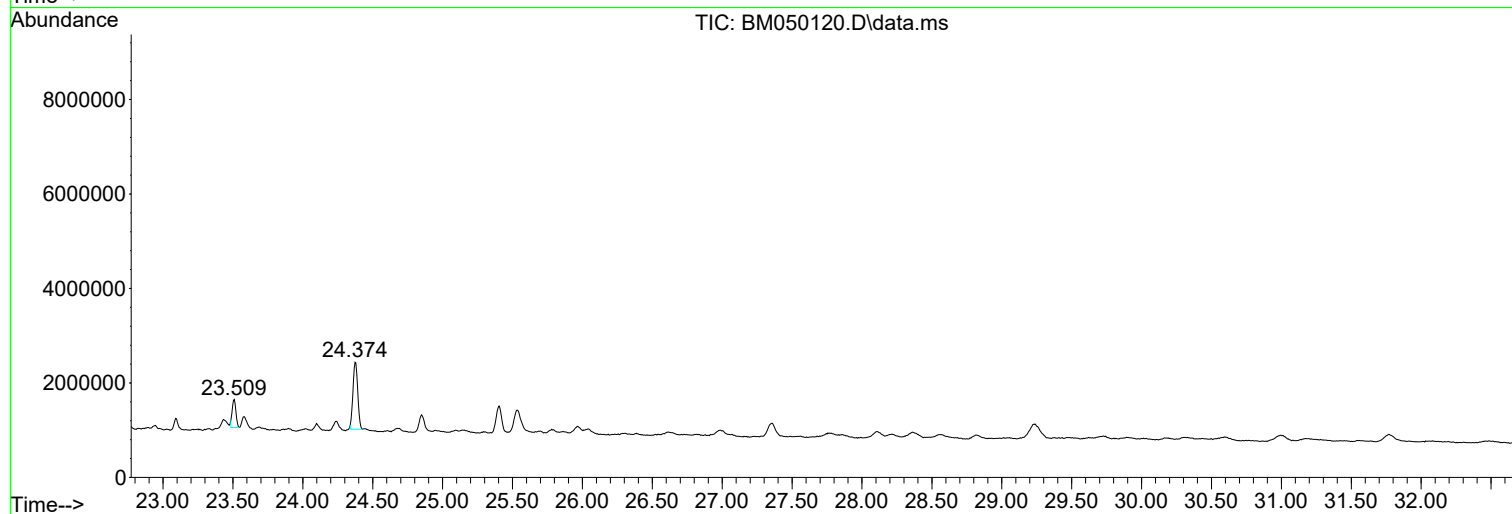
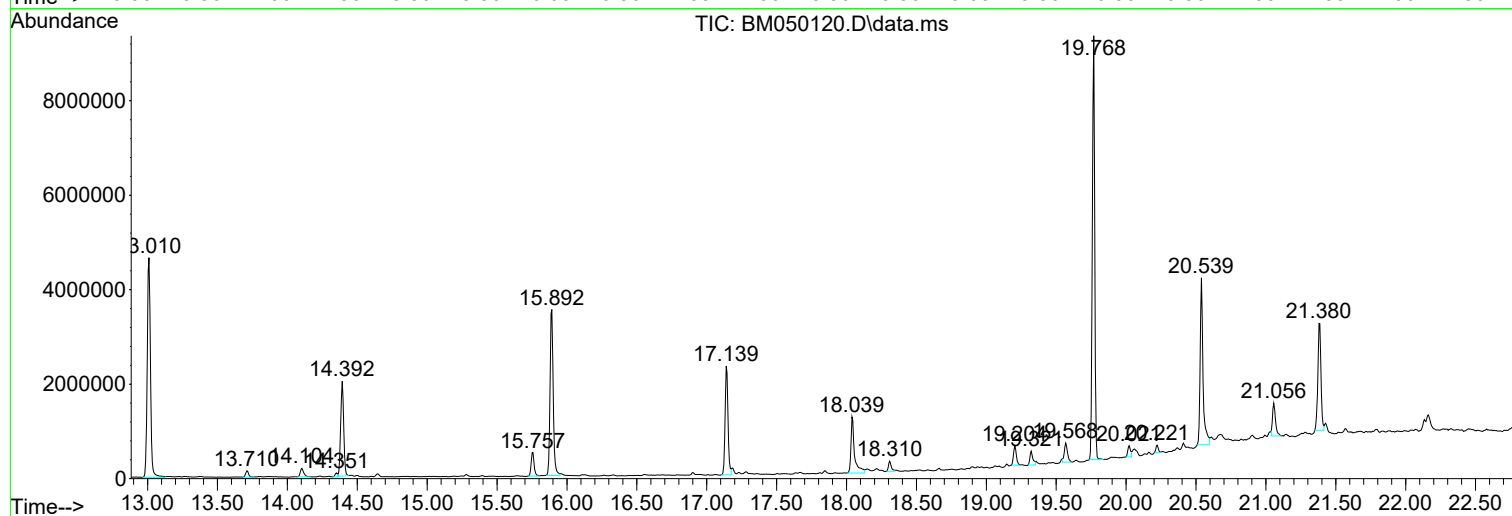
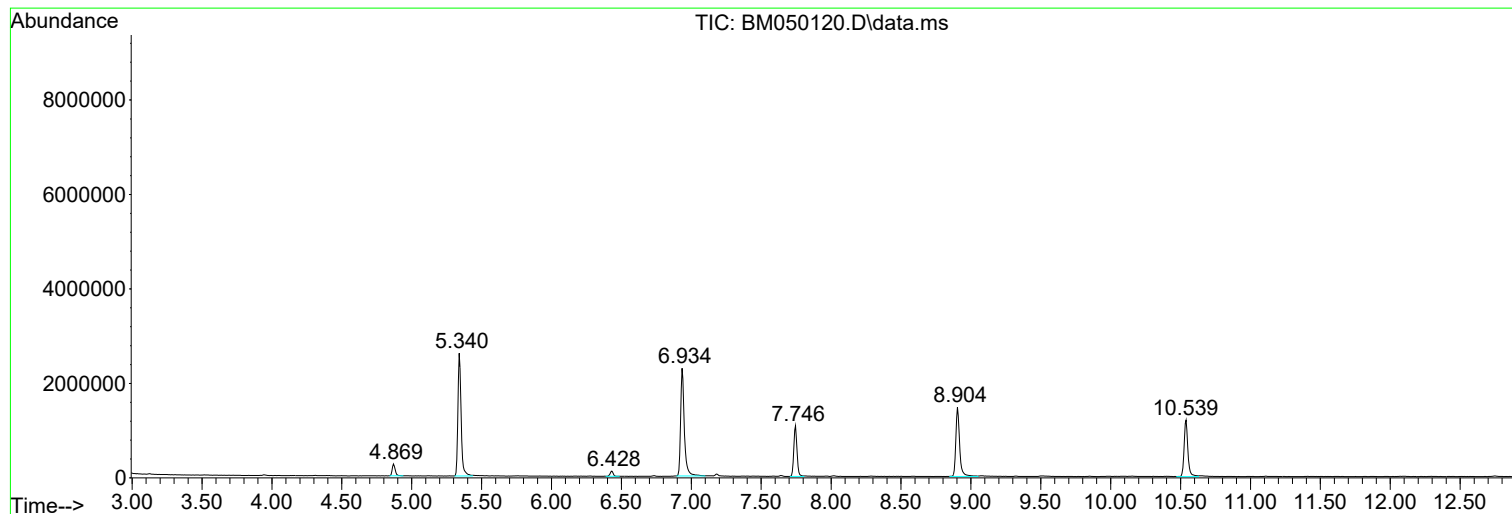
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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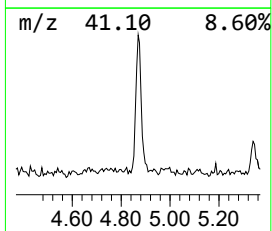
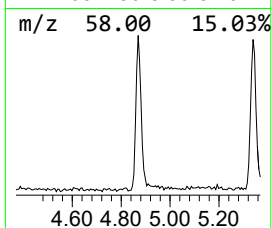
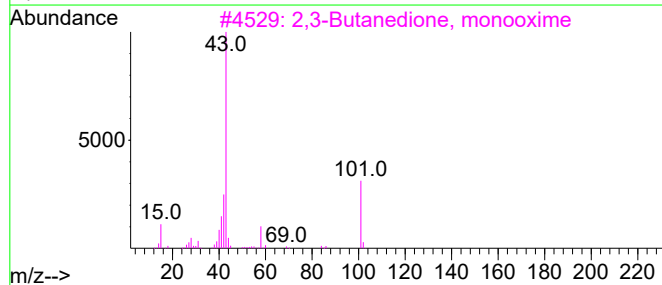
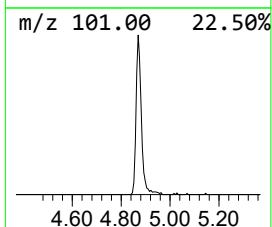
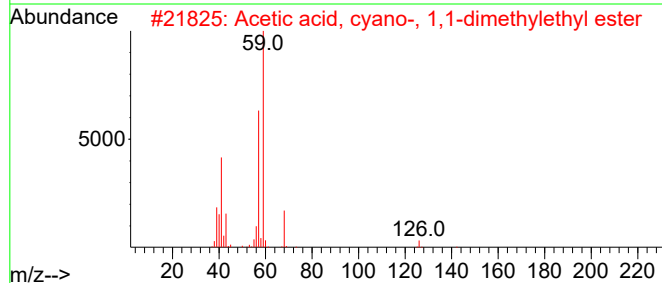
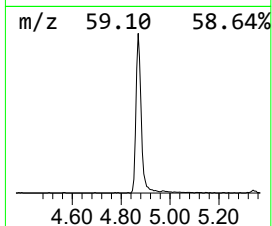
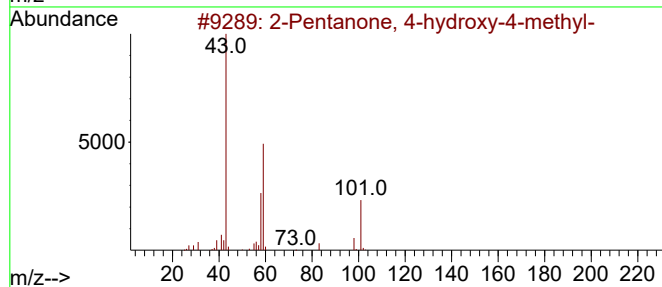
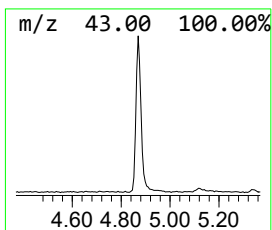
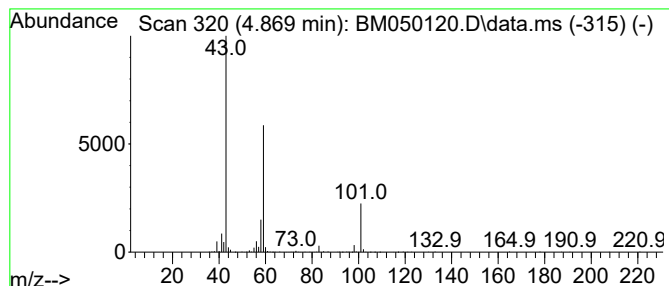
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	4.37 ng	371456	1,4-Dichlorobenzene-d4	7.746

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	Guanidine	59	CH5N3	000113-00-8	9		



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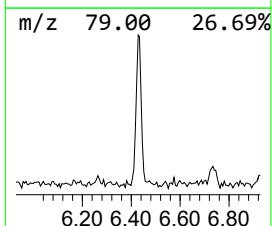
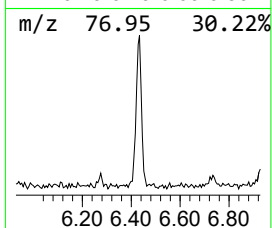
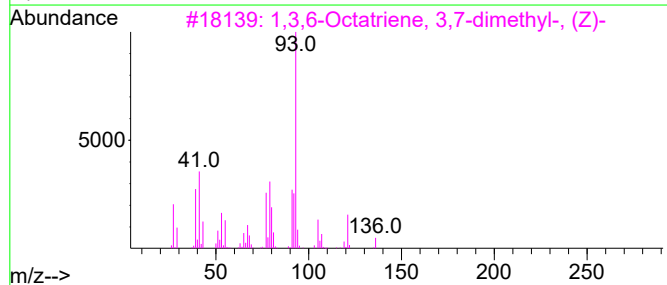
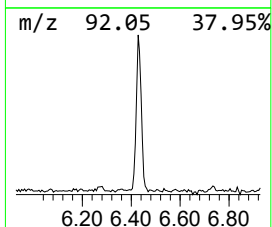
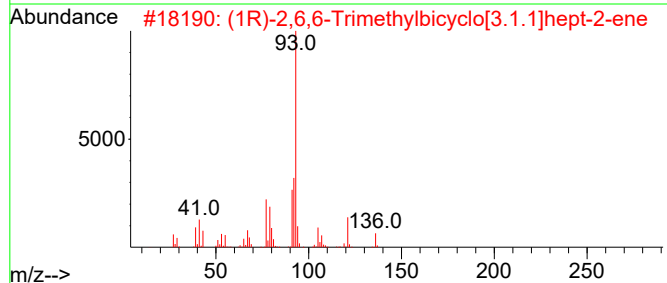
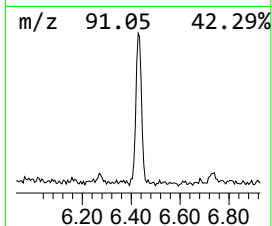
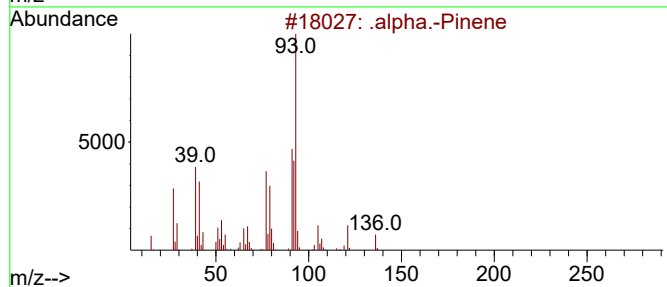
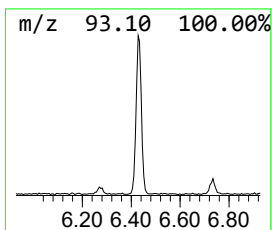
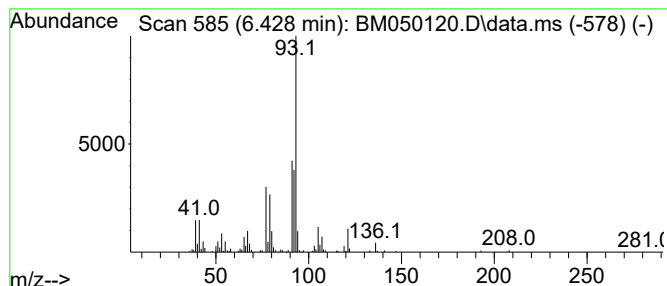
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Peak Number 2 .alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	2.06 ng	175085	1,4-Dichlorobenzene-d4	7.746

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	95
2			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	91
4			(+)-3-Carene	136	C10H16	000498-15-7	91
5			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91



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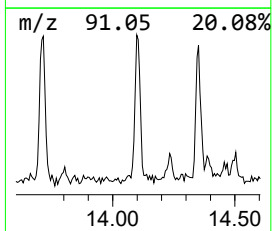
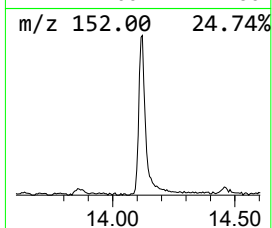
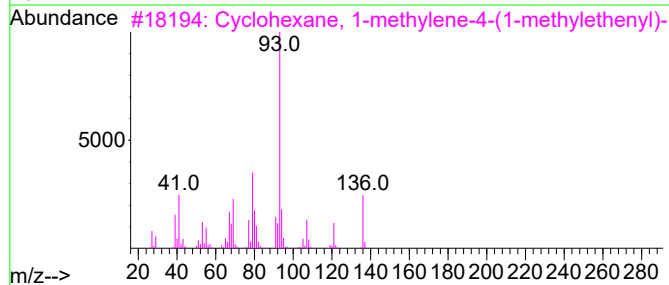
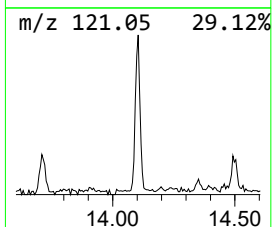
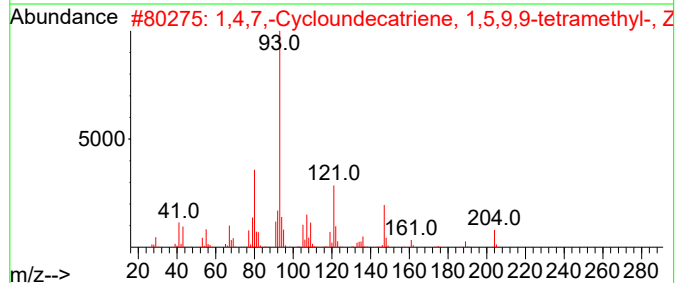
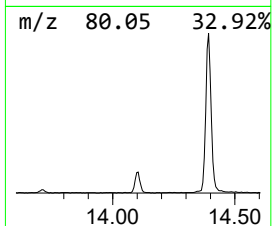
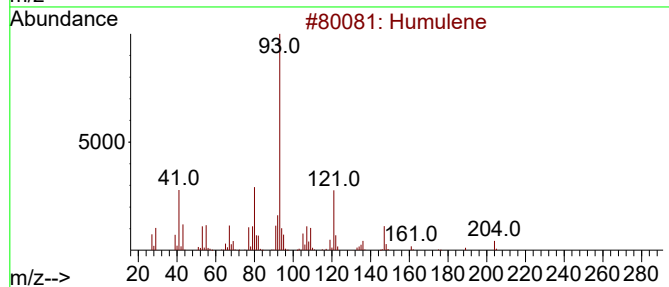
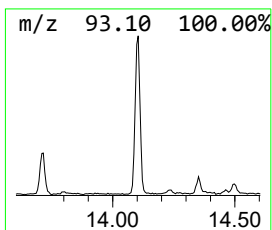
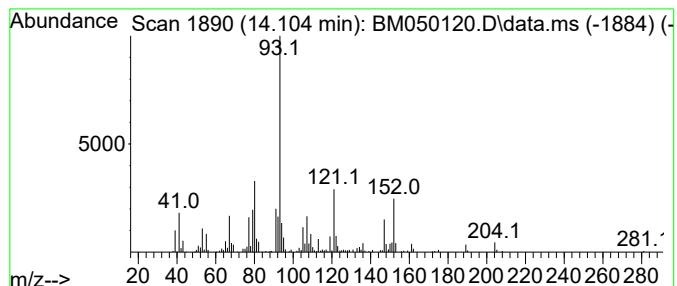
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Peak Number 3 Humulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	2.18 ng	323312	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Humulene	204	C15H24	006753-98-6	96
2			1,4,7,-Cycloundecatriene, 1,5,9,...	204	C15H24	1000062-61-9	95
3			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	58
4			.beta.-Myrcene	136	C10H16	000123-35-3	58
5			Santolina triene	136	C10H16	002153-66-4	52



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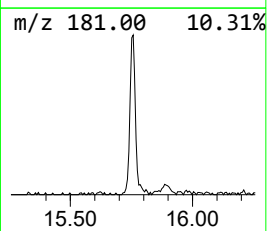
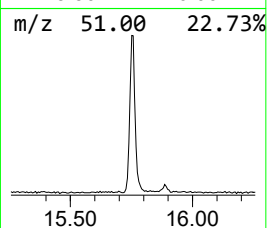
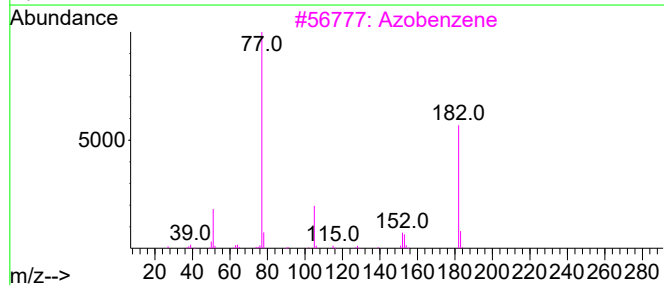
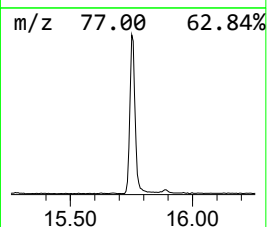
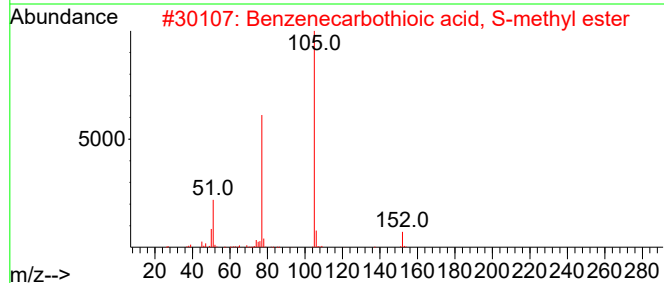
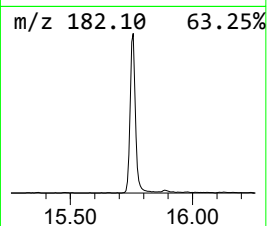
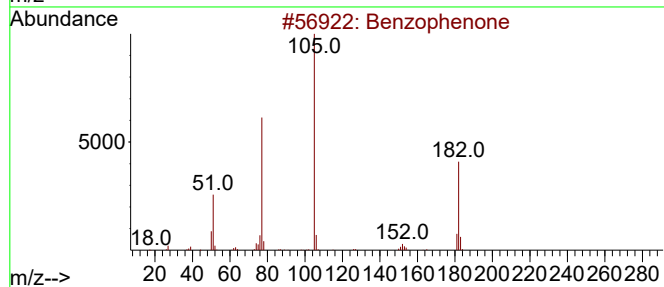
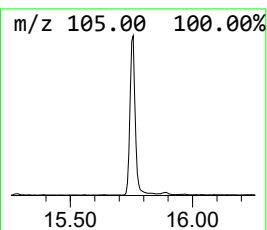
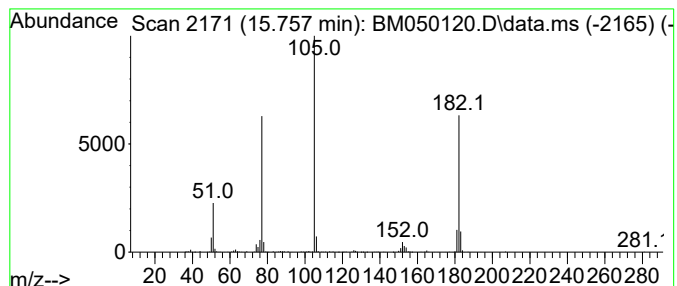
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Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	5.15 ng	763746	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3			Azobenzene	182	C12H10N2	000103-33-3	47
4			Benzenecarboxylic acid, .alpha.-oxo...	164	C9H8O3	015206-55-0	43
5			Benzenecarboxylic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	43



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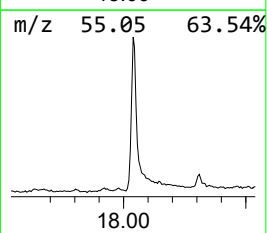
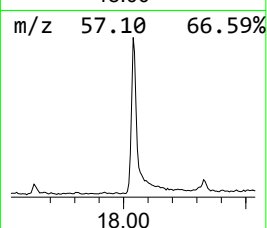
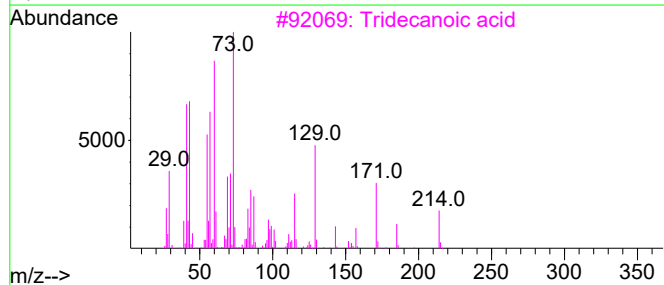
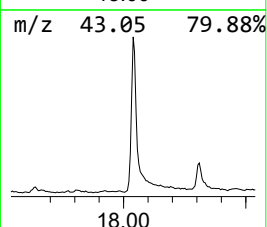
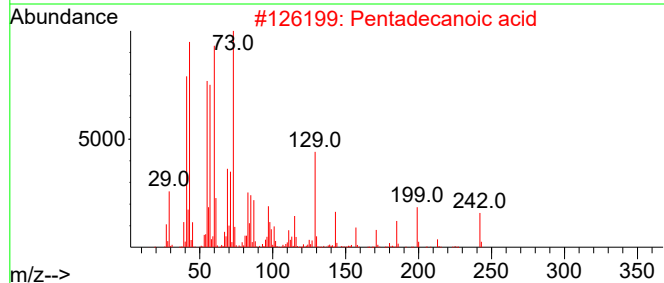
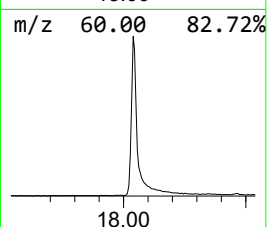
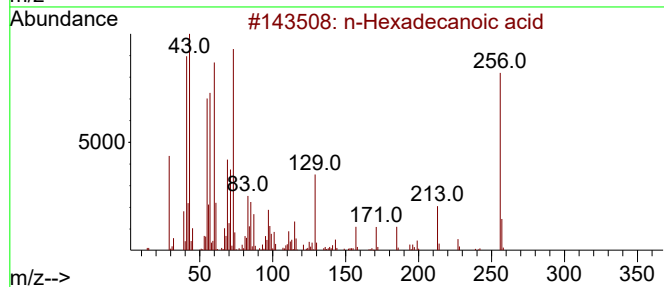
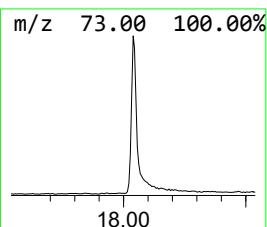
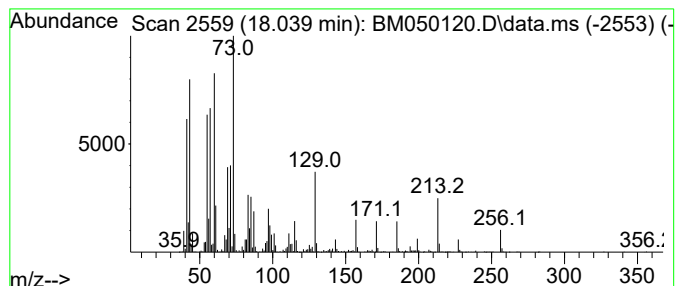
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	12.57 ng	2138960	Phenanthrene-d10	17.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			Nonanoic acid	158	C9H18O2	000112-05-0	45



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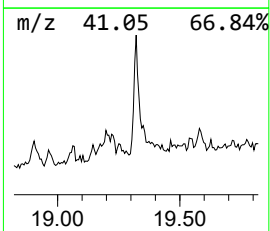
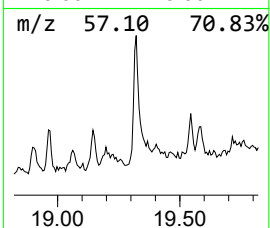
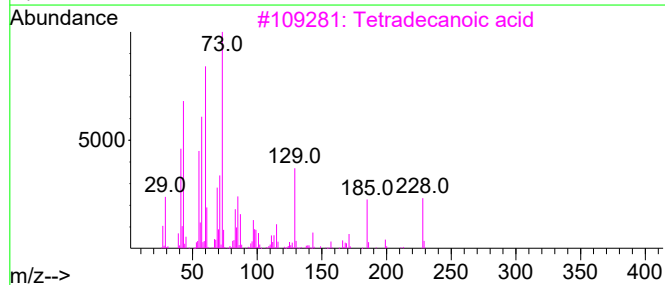
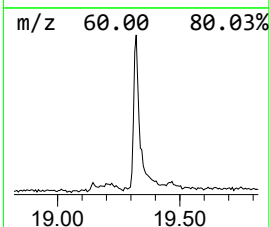
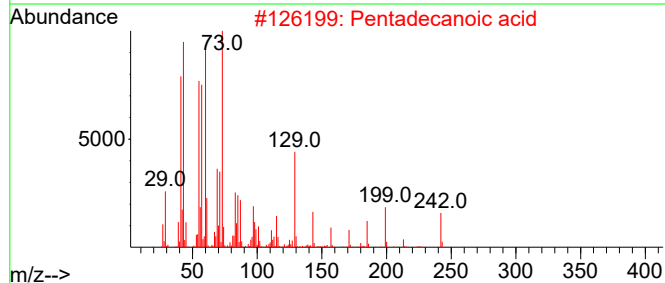
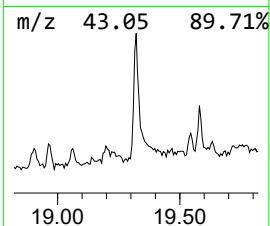
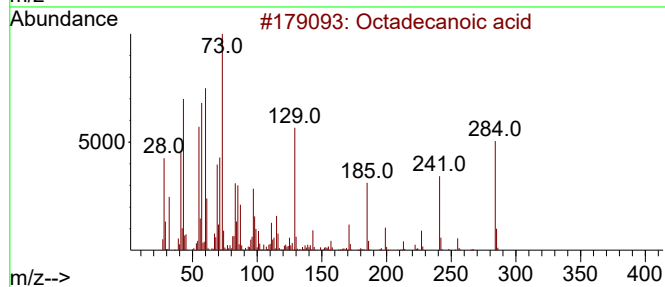
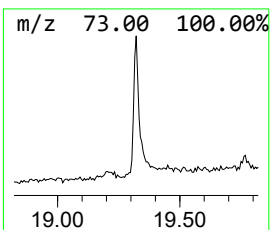
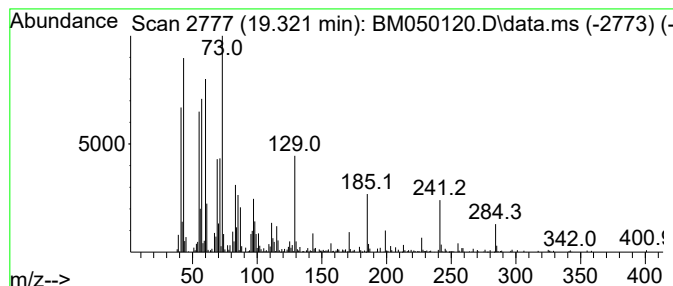
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	2.51 ng	447626	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	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050120.D
Acq On : 06 May 2025 15:20
Operator : RC/JU
Sample : Q1938-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

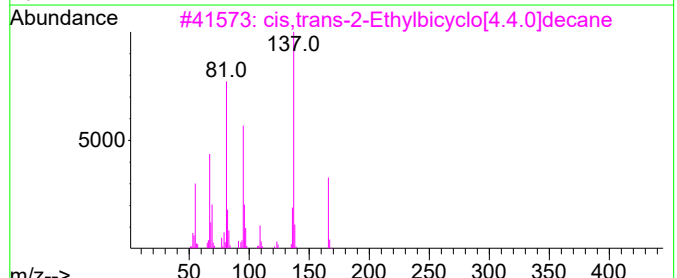
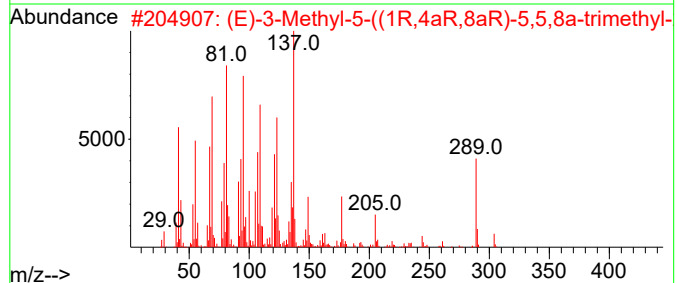
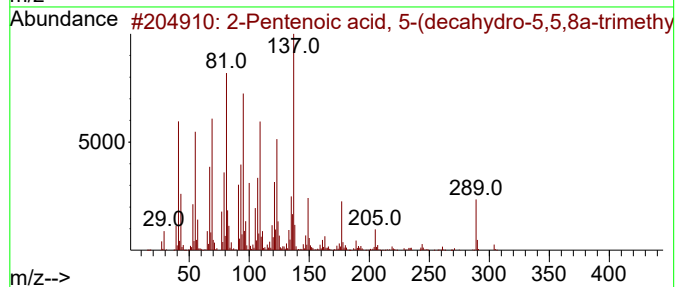
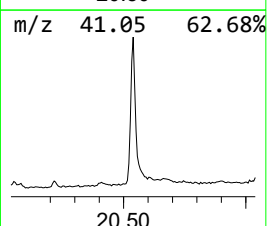
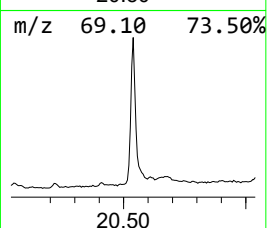
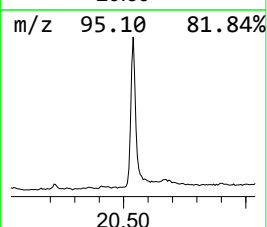
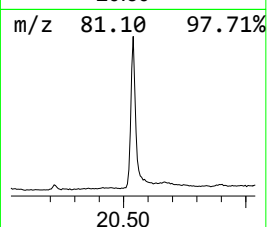
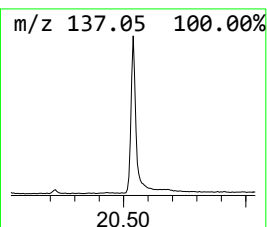
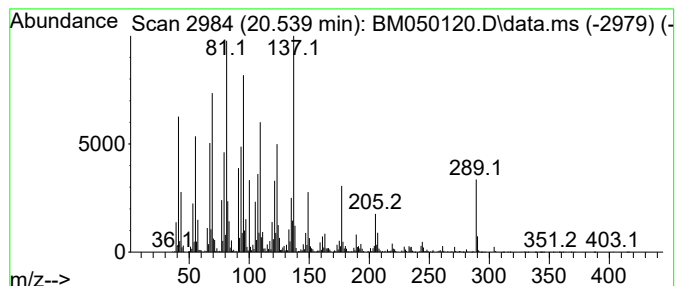
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Pentenoic acid, 5-(decahy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.539	28.74 ng	5122770	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			(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	304	C20H32O2	020257-75-4	90
3			cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	64
4			Naphthalene, 2-decyldecahydro-	278	C20H38	054964-84-0	64
5			Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050120.D
Acq On : 06 May 2025 15:20
Operator : RC/JU
Sample : Q1938-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

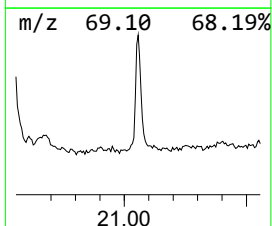
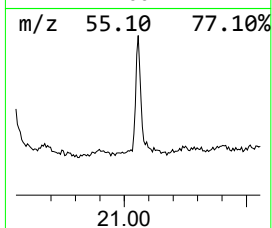
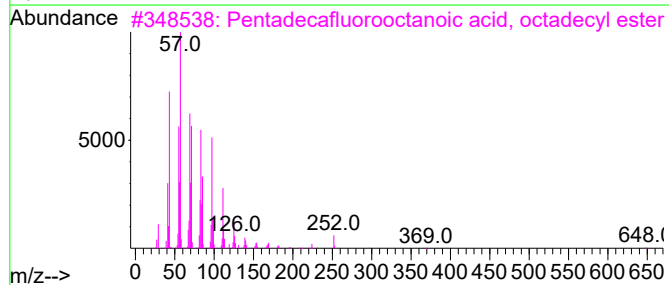
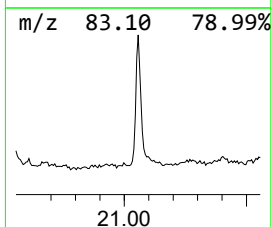
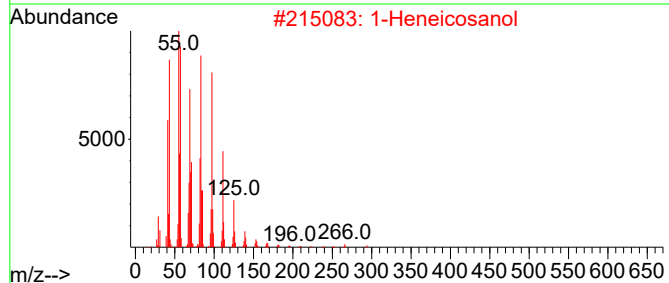
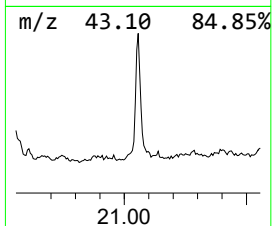
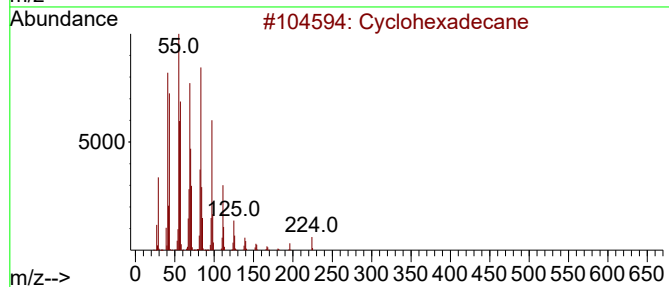
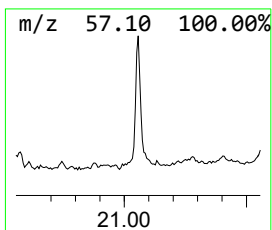
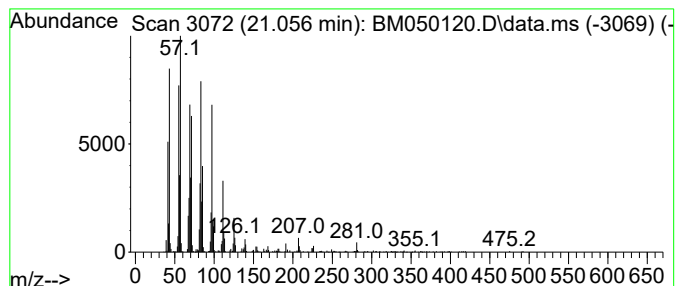
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	5.67 ng	1010710	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	93
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050120.D
Acq On : 06 May 2025 15:20
Operator : RC/JU
Sample : Q1938-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

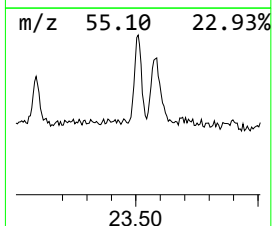
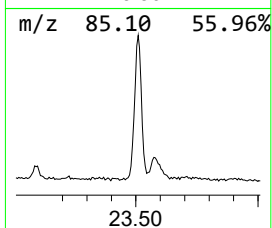
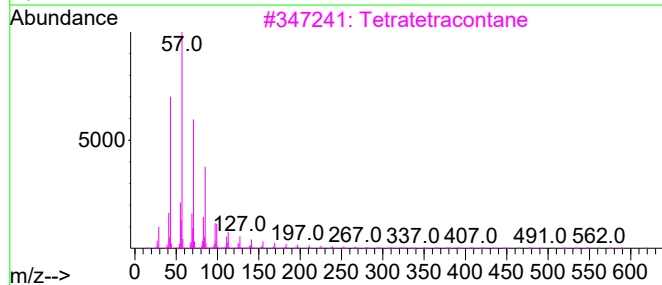
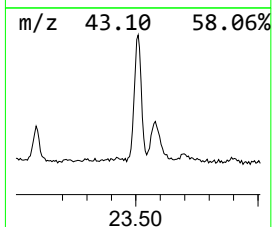
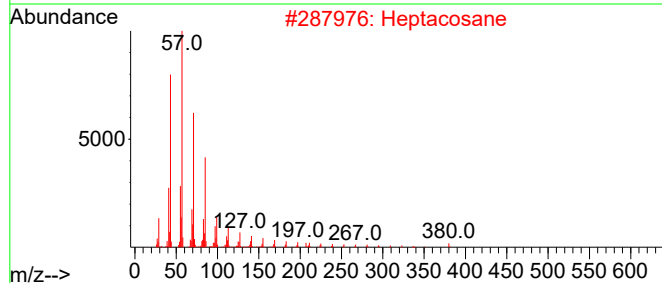
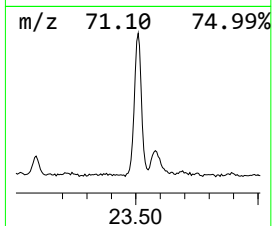
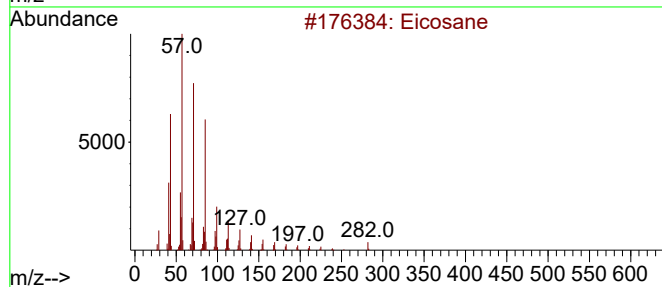
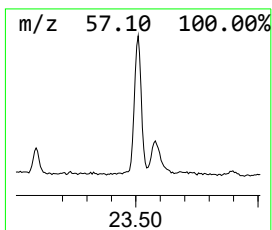
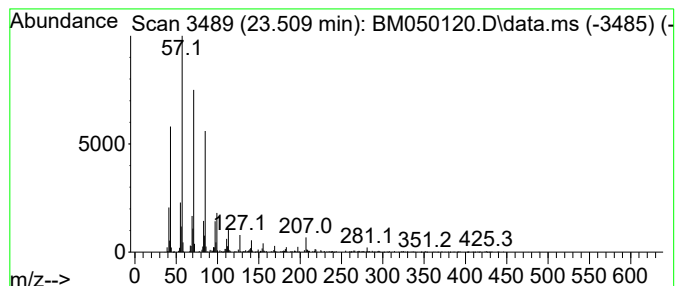
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	6.41 ng	1079020	Perylene-d12	24.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050120.D
Acq On : 06 May 2025 15:20
Operator : RC/JU
Sample : Q1938-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	4.4	ng	371456	1	7.746	1700200	20.0
.alpha.-Pinene	6.428	2.1	ng	175085	1	7.746	1700200	20.0
Humulene	14.104	2.2	ng	323312	3	14.392	2967990	20.0
Benzophenone	15.757	5.2	ng	763746	3	14.392	2967990	20.0
n-Hexadecanoic ...	18.039	12.6	ng	2138960	4	17.139	3403110	20.0
Octadecanoic acid	19.321	2.5	ng	447626	5	21.386	3564380	20.0
2-Pentenoic aci...	20.539	28.7	ng	5122770	5	21.386	3564380	20.0
Cyclohexadecane	21.056	5.7	ng	1010710	5	21.386	3564380	20.0
Eicosane	23.509	6.4	ng	1079020	6	24.374	3366460	20.0