

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133737.D
 Acq On : 13 Jun 2023 18:29
 Operator : CG\JU
 Sample : 03114-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MARION-SOIL-0609

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	498	502	510	rVB	24271	29913	1.73%	0.223%
2	5.446	566	571	574	rBV	1734899	1588069	92.10%	11.856%
3	6.457	739	743	746	rBV	1668646	1458893	84.61%	10.892%
4	6.834	803	807	810	rBV	613254	519693	30.14%	3.880%
5	7.392	898	902	905	rBV	1150500	910680	52.81%	6.799%
6	8.116	1021	1025	1028	rBV	640863	538611	31.24%	4.021%
7	9.186	1204	1207	1211	rBV	1694752	1430055	82.93%	10.676%
8	9.869	1320	1323	1327	rBV	673393	519462	30.13%	3.878%
9	10.580	1441	1444	1448	rBV	124824	98861	5.73%	0.738%
10	10.657	1453	1457	1465	rBV	1181990	1002321	58.13%	7.483%
11	11.357	1573	1576	1579	rBV	749070	640600	37.15%	4.782%
12	11.380	1579	1580	1584	rVV	180883	117695	6.83%	0.879%
13	11.433	1584	1589	1592	rVB	54092	48278	2.80%	0.360%
14	11.886	1663	1666	1671	rBV2	171178	164495	9.54%	1.228%
15	11.975	1678	1681	1689	rVB	39159	44391	2.57%	0.331%
16	12.574	1778	1783	1787	rBV	284764	244576	14.18%	1.826%
17	12.669	1797	1799	1805	rBV5	23463	26784	1.55%	0.200%
18	12.804	1816	1822	1825	rBV	246335	246870	14.32%	1.843%
19	12.951	1842	1847	1850	rVB	1829909	1724339	100.00%	12.873%
20	13.133	1875	1878	1880	rVB	29848	24424	1.42%	0.182%
21	13.198	1887	1889	1892	rVB	34022	28735	1.67%	0.215%
22	13.845	1996	1999	2006	rVB2	150859	173442	10.06%	1.295%
23	14.004	2018	2026	2029	rBV2	751121	791945	45.93%	5.912%
24	14.027	2029	2030	2035	rVB	110795	81199	4.71%	0.606%
25	14.110	2040	2044	2046	rVB2	43180	45854	2.66%	0.342%
26	14.480	2103	2107	2111	rBV3	41399	67903	3.94%	0.507%
27	14.921	2179	2182	2186	rBV	51781	47169	2.74%	0.352%
28	15.039	2198	2202	2205	rBV	68702	99608	5.78%	0.744%
29	15.115	2212	2215	2218	rBV	46256	47023	2.73%	0.351%
30	15.145	2218	2220	2226	rVB3	42069	46393	2.69%	0.346%
31	15.339	2251	2253	2259	rVB	33584	36286	2.10%	0.271%
32	15.404	2260	2264	2269	rVB	50887	65799	3.82%	0.491%
33	15.468	2270	2275	2279	rBV	335664	426251	24.72%	3.182%
34	15.933	2350	2354	2358	rVB2	40713	58062	3.37%	0.433%

Sum of corrected areas: 13394679

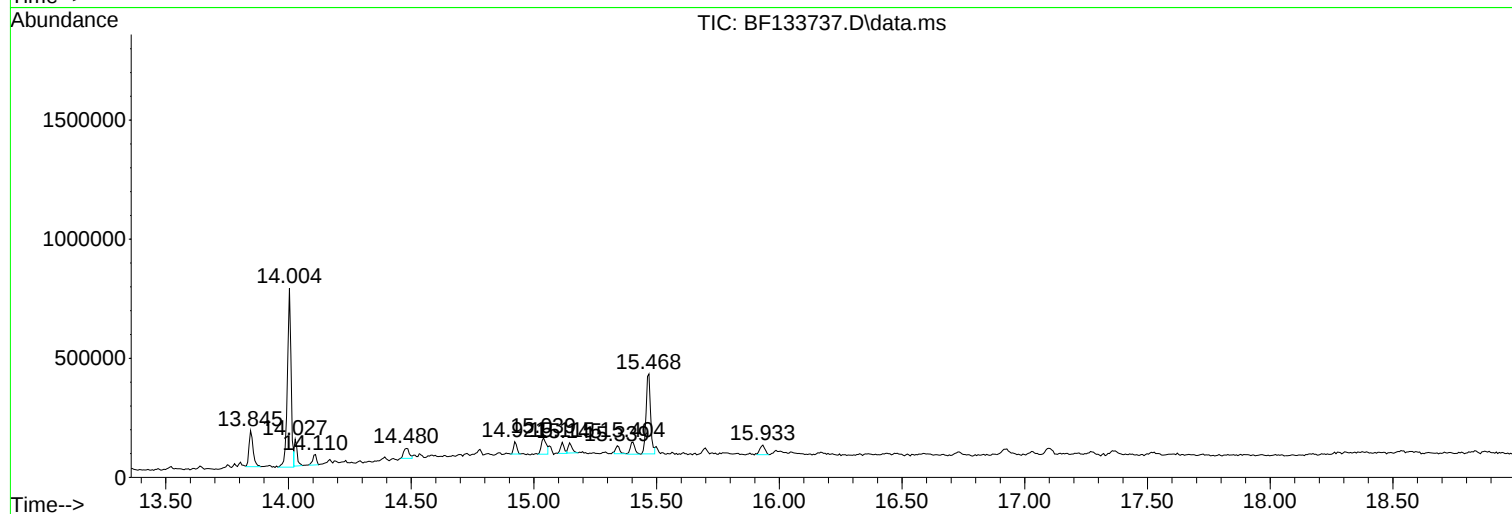
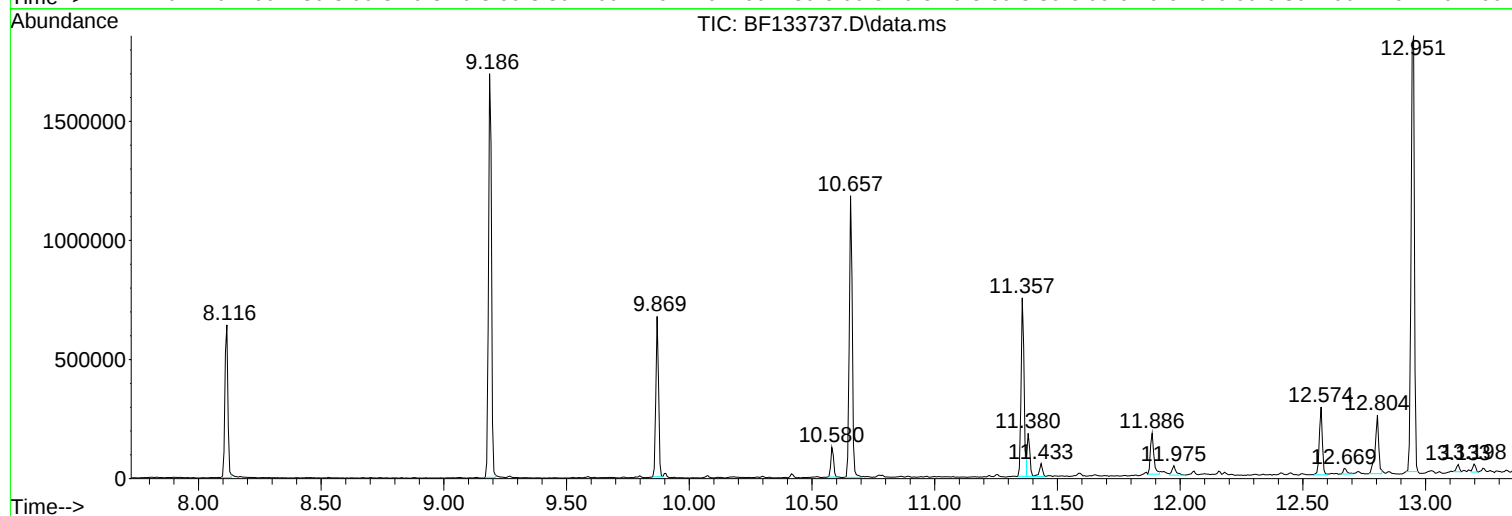
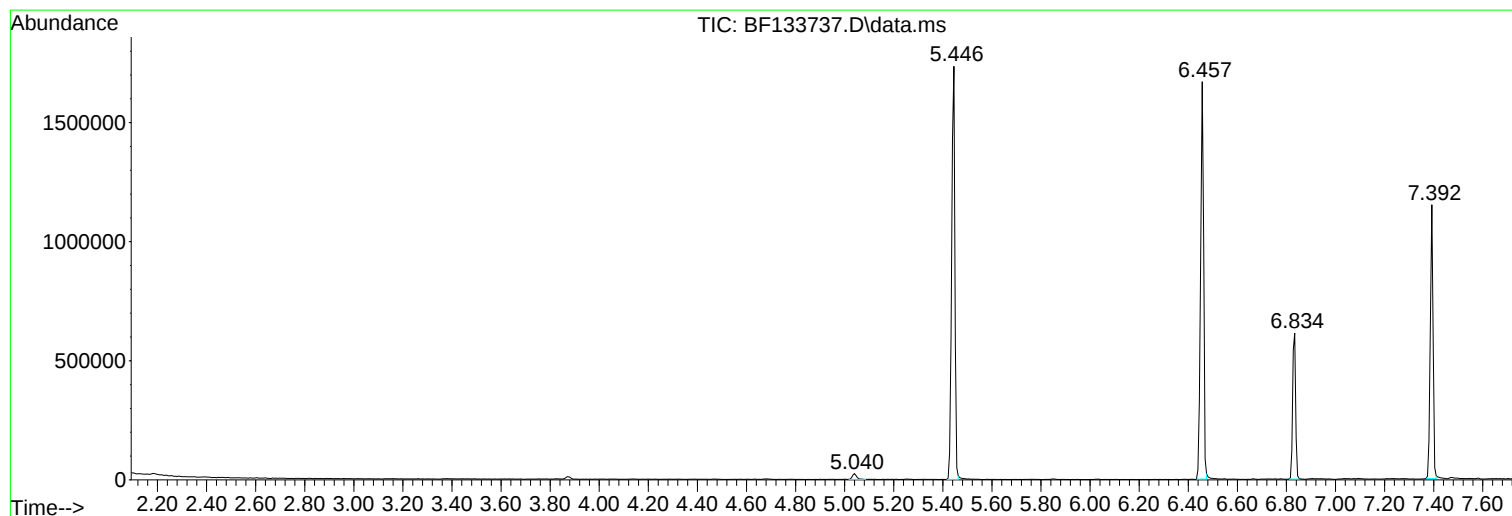
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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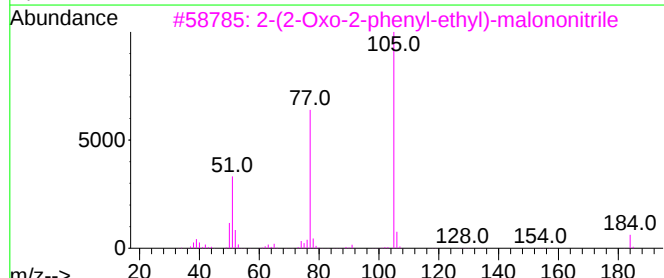
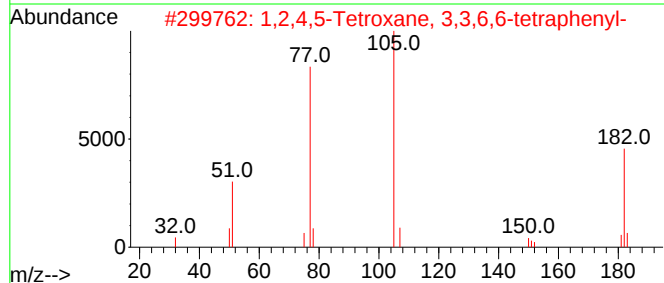
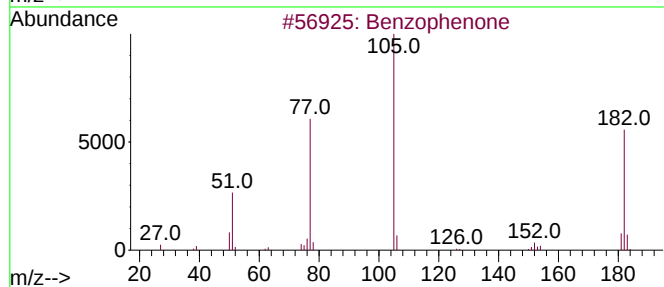
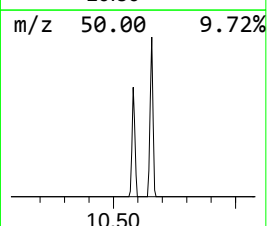
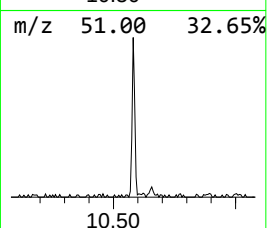
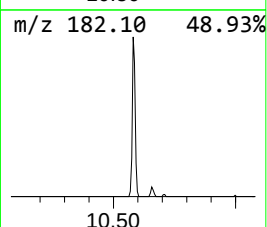
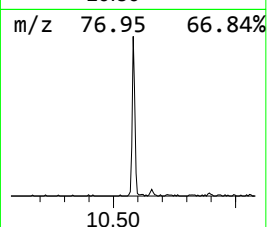
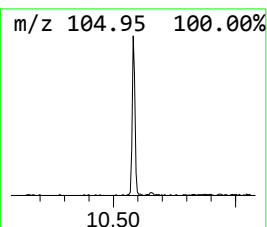
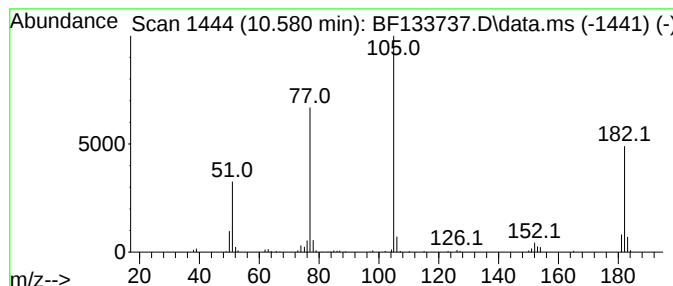
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	3.81 ng	98861	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
4			Vinyl benzoate	148	C9H8O2	000769-78-8	50
5			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	50



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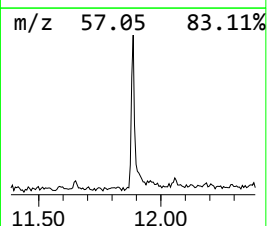
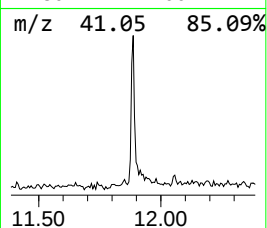
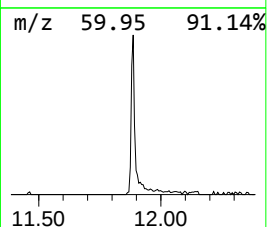
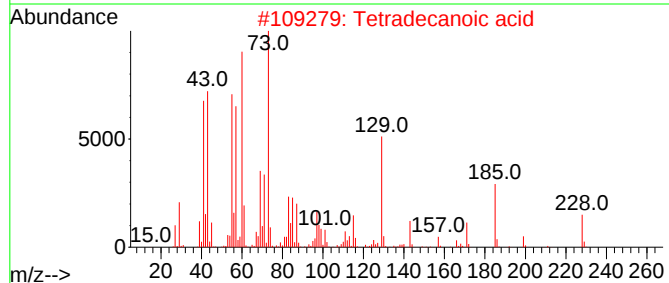
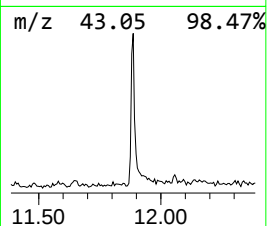
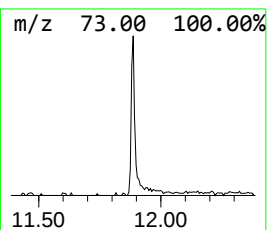
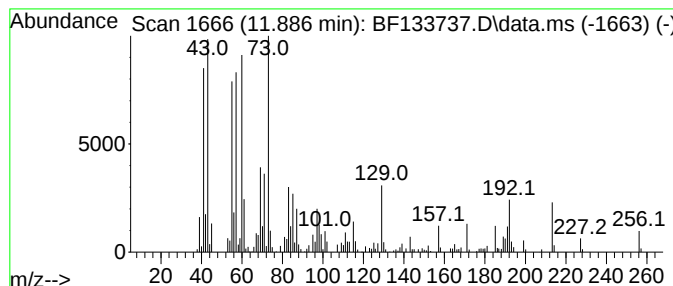
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	5.14 ng	164495	Phenanthrene-d10	11.357

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			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	52



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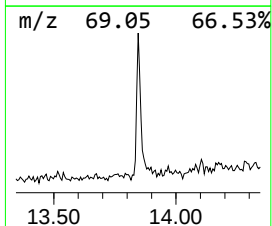
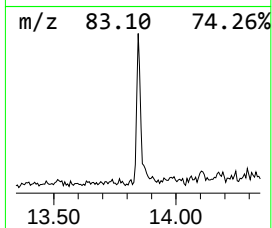
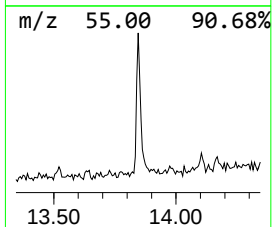
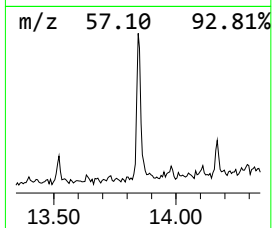
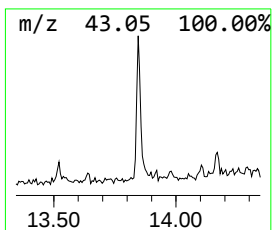
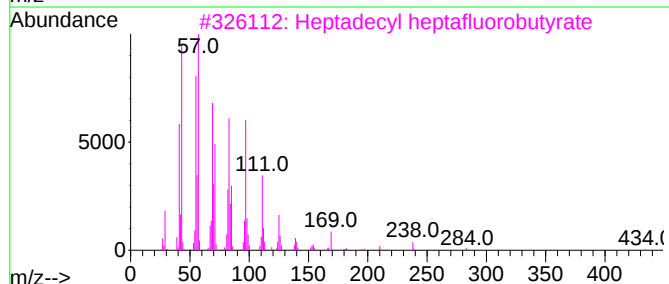
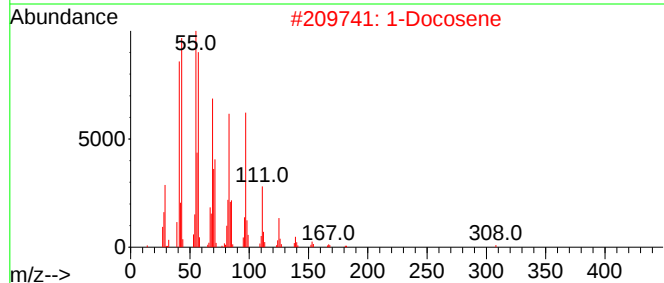
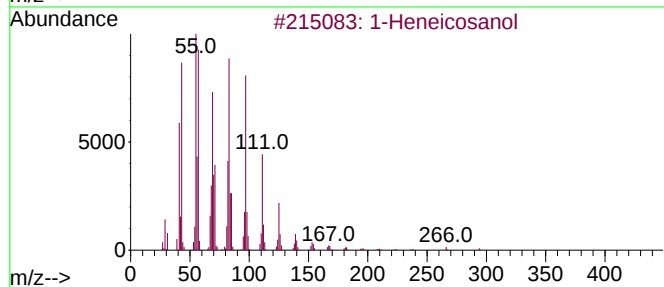
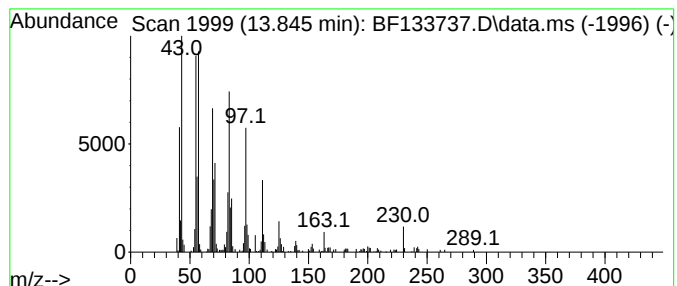
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.845	4.38 ng	173442	Chrysene-d12	14.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	5-Fluoro-3-trifluoromethylbenzoi...	474	C27H42F4O2	1000338-91-1	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90



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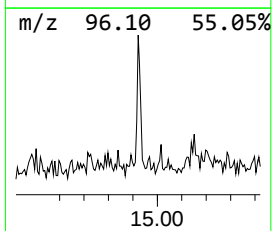
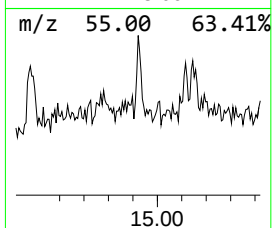
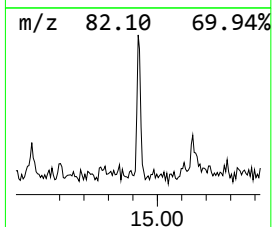
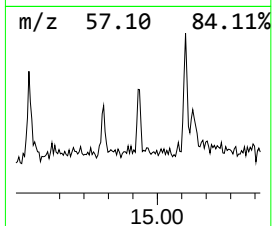
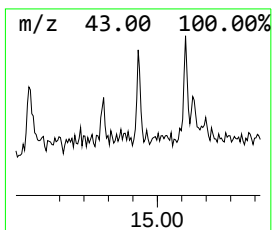
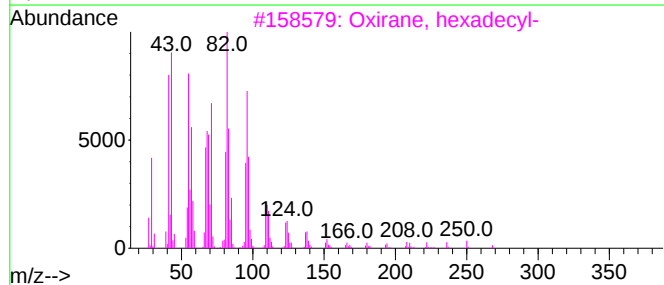
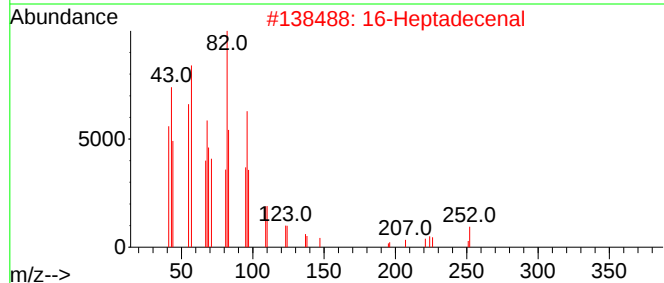
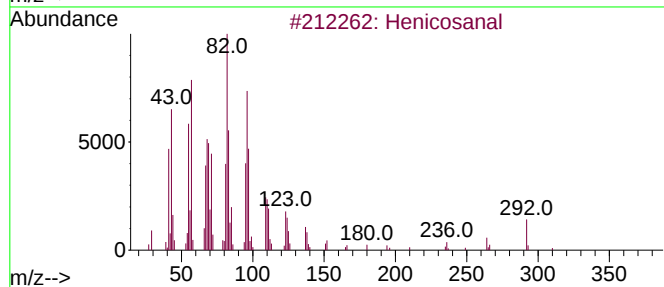
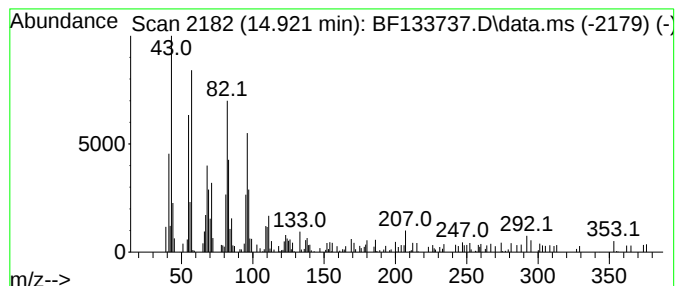
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Henicosanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	2.21 ng	47169	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Henicosanal	310	C21H42O	051227-32-8	90
2			16-Heptadecenal	252	C17H32O	1010144-57-9	87
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
4			1,19-Eicosadiene	278	C20H38	014811-95-1	86
5			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	86



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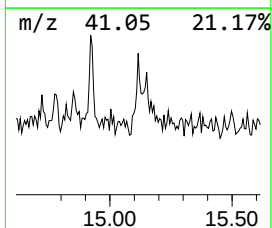
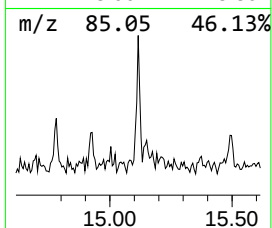
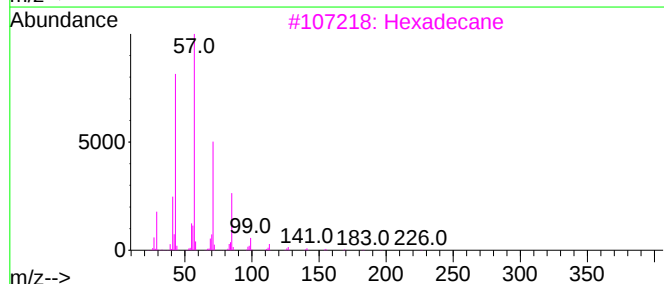
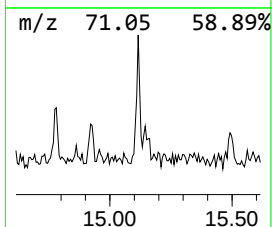
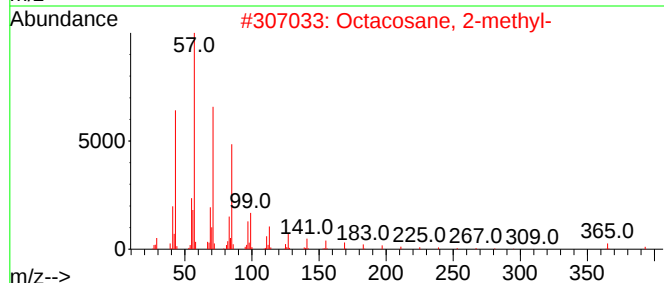
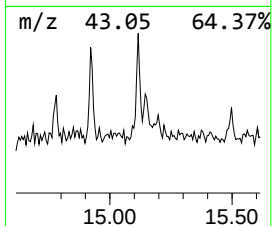
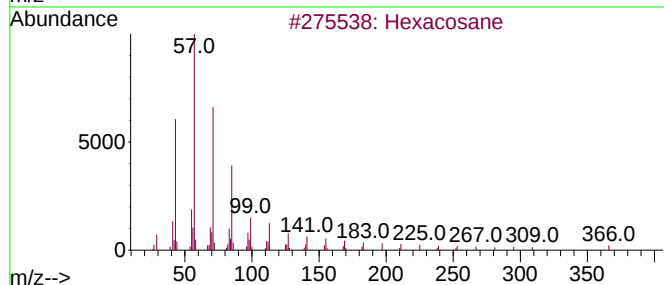
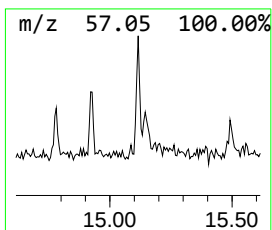
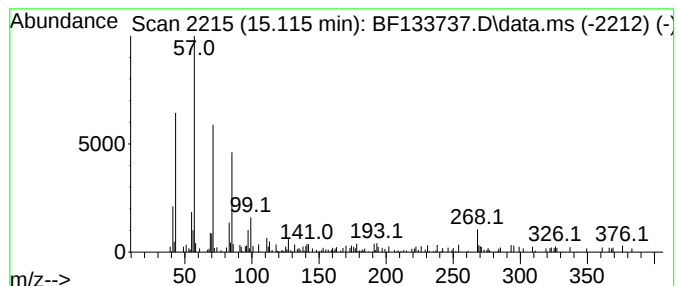
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Peak Number 5 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	2.21 ng	47023	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	80
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
3			Hexadecane	226	C16H34	000544-76-3	72
4			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	68



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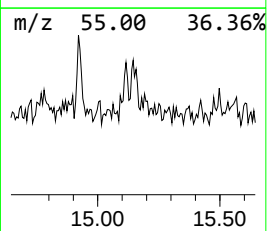
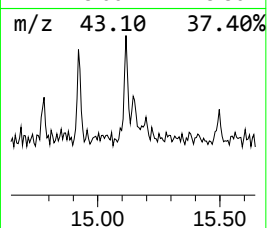
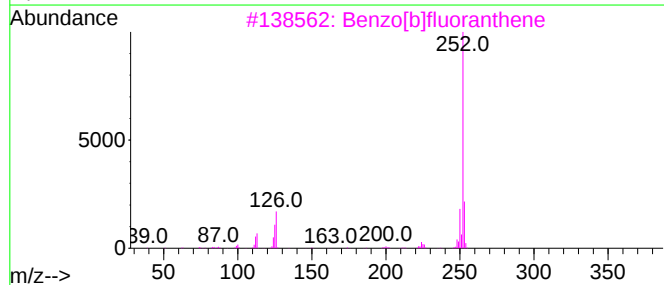
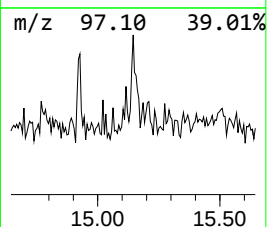
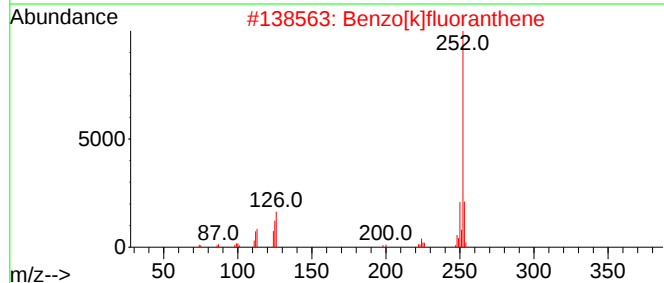
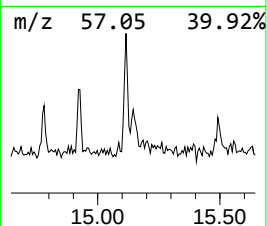
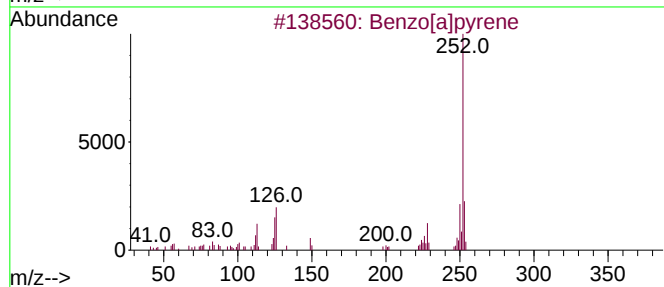
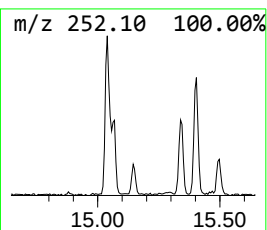
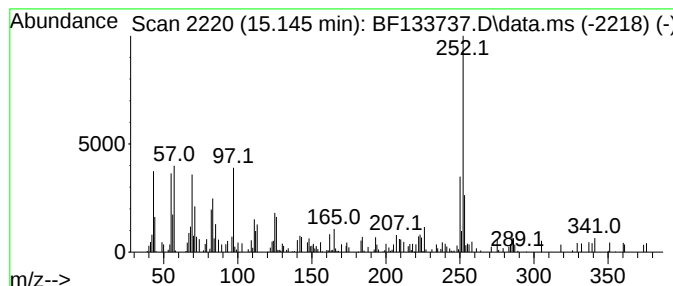
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	2.18 ng	46393	Perylene-d12	15.468

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[a]pyrene	252	C20H12	000050-32-8	70
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	55
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	55
4		Perylene	252	C20H12	000198-55-0	49
5		Benzo[e]pyrene	252	C20H12	000192-97-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133737.D
Acq On : 13 Jun 2023 18:29
Operator : CG\JU
Sample : 03114-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MARION-SOIL-0609

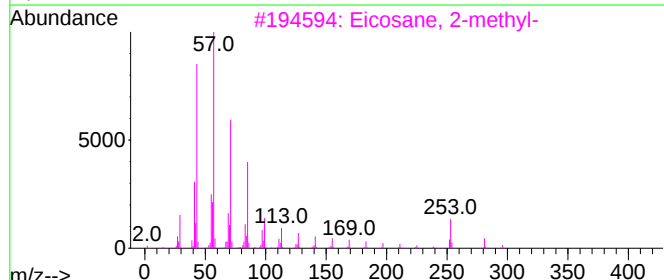
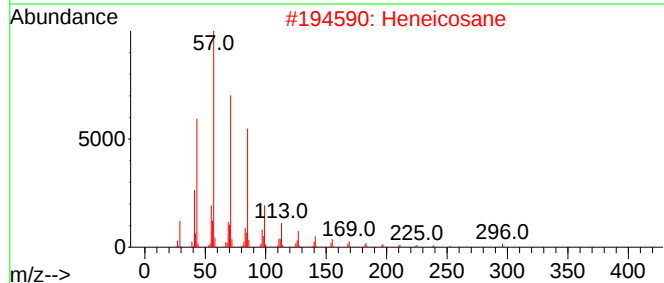
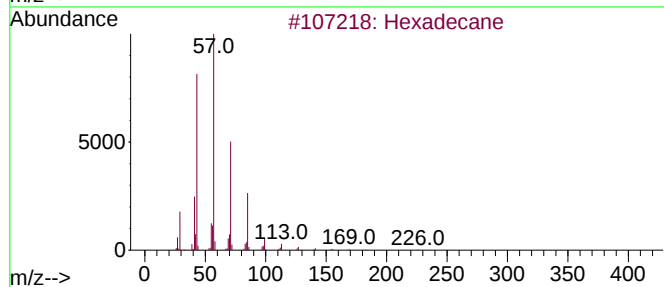
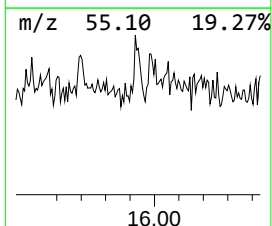
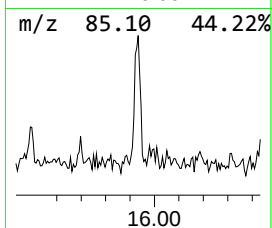
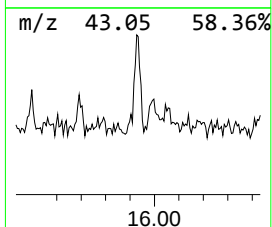
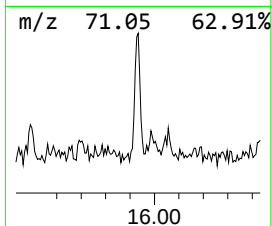
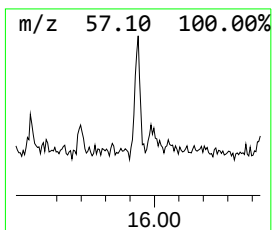
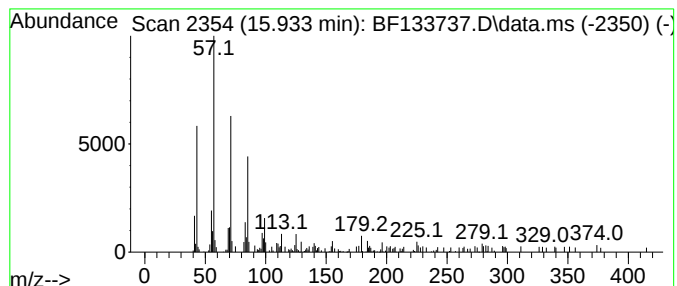
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.933	2.72 ng	58062	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Eicosane, 2-methyl-	296	C21H44	001560-84-5	81
4			Tridecane	184	C13H28	000629-50-5	80
5			Hexacosane	366	C26H54	000630-01-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133737.D
Acq On : 13 Jun 2023 18:29
Operator : CG\JU
Sample : 03114-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MARION-SOIL-0609

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Benzophenone	10.581	3.8	ng	98861	3	9.869	519462	20.0
n-Hexadecanoic ...	11.886	5.1	ng	164495	4	11.357	640600	20.0
1-Heneicosanol	13.845	4.4	ng	173442	5	14.004	791945	20.0
Henicosanal	14.921	2.2	ng	47169	6	15.468	426251	20.0
Hexacosane	15.116	2.2	ng	47023	6	15.468	426251	20.0
Perylene	15.145	2.2	ng	46393	6	15.468	426251	20.0
Hexadecane	15.933	2.7	ng	58062	6	15.468	426251	20.0