

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122058.D
 Acq On : 21 Oct 2020 16:42
 Operator : JU/CG
 Sample : L4433-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-SOIL-PILE

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-BF101220.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122058.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.939	482	485	496	rBV	24185	37922	1.37%	0.166%
2	5.345	551	554	581	rBV	1984959	2172847	78.72%	9.498%
3	6.375	725	729	748	rBV	2181759	2212582	80.16%	9.672%
4	6.581	762	764	772	rBV	25874	49572	1.80%	0.217%
5	6.722	785	788	798	rVB	733243	664532	24.07%	2.905%
6	7.292	882	885	904	rBV	1536400	1546395	56.02%	6.760%
7	8.010	1003	1007	1024	rVB	972558	909043	32.93%	3.974%
8	9.080	1185	1189	1192	rBV	3081351	2658768	96.32%	11.622%
9	9.480	1253	1257	1265	rBV	397191	363665	13.17%	1.590%
10	9.757	1300	1304	1308	rBV	1292099	1054488	38.20%	4.609%
11	10.551	1435	1439	1455	rBV	1532001	1659729	60.13%	7.255%
12	11.239	1553	1556	1559	rBV	1158366	1099830	39.84%	4.808%
13	11.263	1559	1560	1565	rVV	172483	153062	5.55%	0.669%
14	11.321	1566	1570	1573	rVB	39461	43025	1.56%	0.188%
15	11.745	1639	1642	1644	rBV	55589	47836	1.73%	0.209%
16	11.774	1644	1647	1653	rVV2	111609	114112	4.13%	0.499%
17	11.857	1658	1661	1663	rVV2	69642	78670	2.85%	0.344%
18	11.880	1663	1665	1670	rVB	46730	39236	1.42%	0.172%
19	11.933	1671	1674	1677	rBV	47432	39637	1.44%	0.173%
20	12.039	1688	1692	1694	rBV	47975	49377	1.79%	0.216%
21	12.292	1732	1735	1737	rBV	38309	37614	1.36%	0.164%
22	12.321	1737	1740	1744	rVV2	111129	117008	4.24%	0.511%
23	12.392	1747	1752	1755	rBV2	24912	30322	1.10%	0.133%
24	12.457	1759	1763	1767	rBV	251635	251031	9.09%	1.097%
25	12.686	1796	1802	1807	rBV2	323609	437483	15.85%	1.912%
26	12.827	1821	1826	1829	rBV	2937886	2760333	100.00%	12.066%
27	12.910	1835	1840	1845	rBV3	29565	52394	1.90%	0.229%
28	13.010	1855	1857	1860	rVB	45309	41736	1.51%	0.182%
29	13.051	1860	1864	1867	rBV	172080	161582	5.85%	0.706%
30	13.115	1872	1875	1882	rVB2	51166	66610	2.41%	0.291%
31	13.239	1894	1896	1899	rBV	38195	29766	1.08%	0.130%
32	13.392	1918	1922	1925	rBV	181530	164030	5.94%	0.717%
33	13.633	1960	1963	1965	rBV	39905	35485	1.29%	0.155%
34	13.721	1974	1978	1990	rBV4	289602	566398	20.52%	2.476%
35	13.880	2000	2005	2008	rBV2	988374	958868	34.74%	4.191%
36	13.904	2008	2009	2014	rVB	131167	116911	4.24%	0.511%

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Instrument :
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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.033	2027	2031	2039	rBV	178969	188151	6.82%	0.822%
38	14.268	2067	2071	2075	rBV	38389	48437	1.75%	0.212%
39	14.339	2079	2083	2086	rBV	155465	156712	5.68%	0.685%
40	14.633	2130	2133	2137	rVB	104162	96408	3.49%	0.421%
41	14.904	2176	2179	2184	rBV	81726	141604	5.13%	0.619%
42	14.951	2184	2187	2193	rVB	103307	121129	4.39%	0.529%
43	15.192	2225	2228	2234	rVB	57224	65823	2.38%	0.288%
44	15.251	2235	2238	2242	rVV	77399	92072	3.34%	0.402%
45	15.309	2243	2248	2260	rVB	651157	841292	30.48%	3.677%
46	15.709	2312	2316	2322	rBV	54677	78385	2.84%	0.343%
47	16.174	2391	2395	2399	rBV2	34994	59563	2.16%	0.260%
48	16.721	2483	2488	2495	rVB2	52889	105510	3.82%	0.461%
49	17.139	2556	2559	2569	rVB	26769	59981	2.17%	0.262%

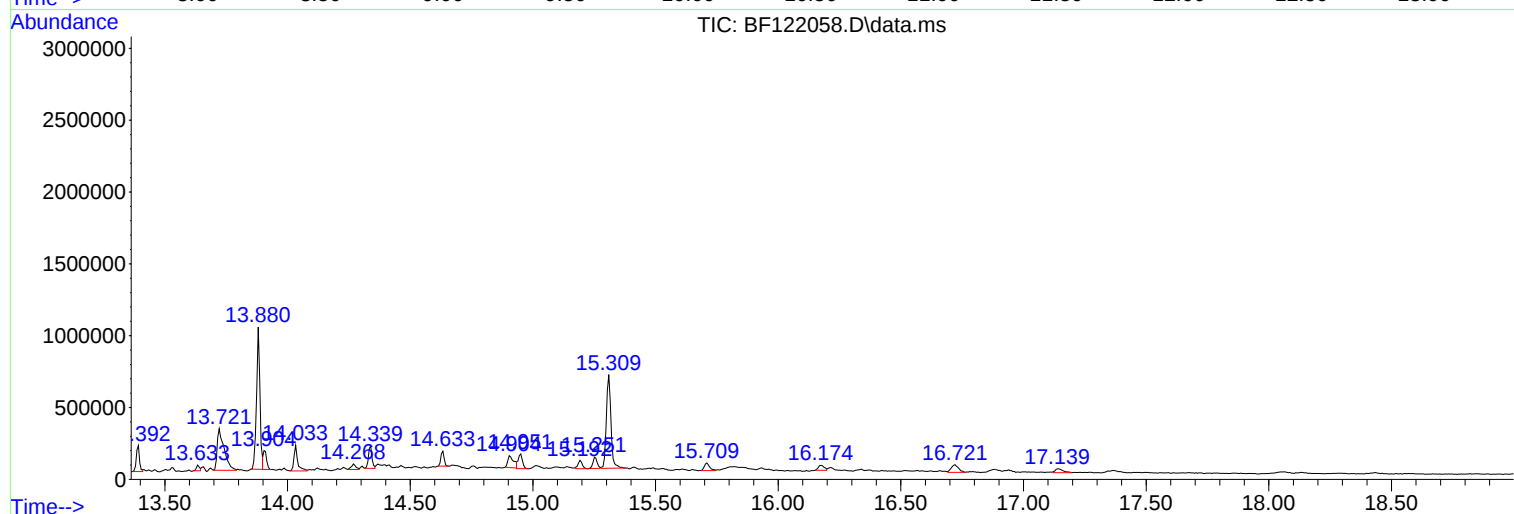
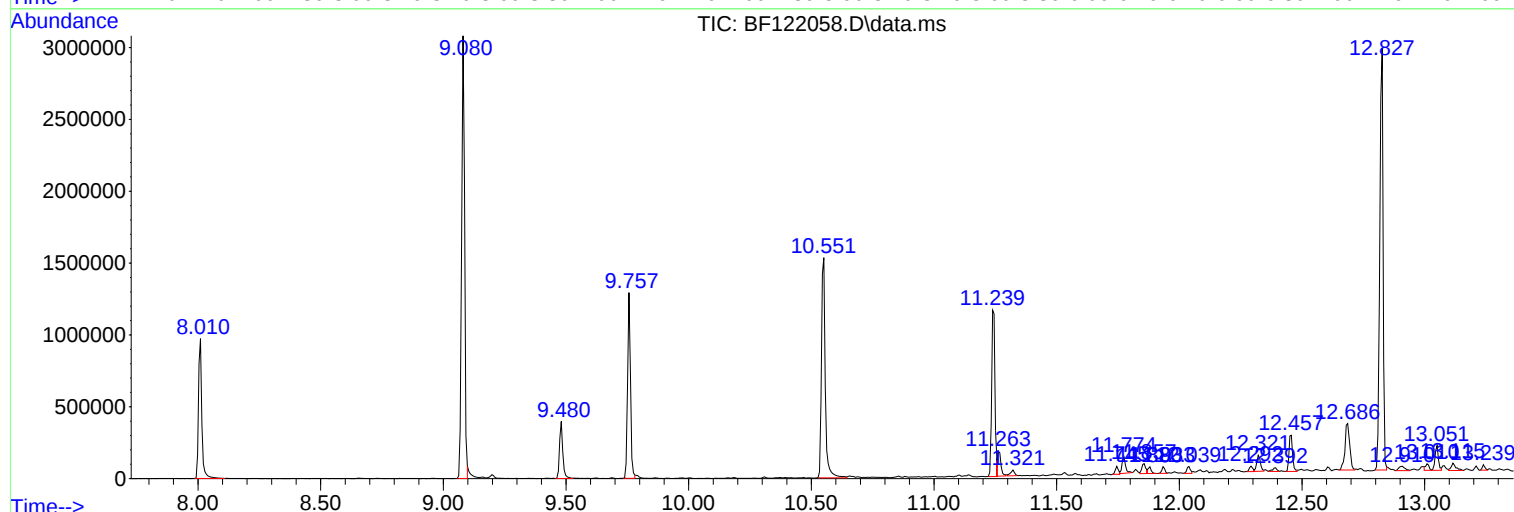
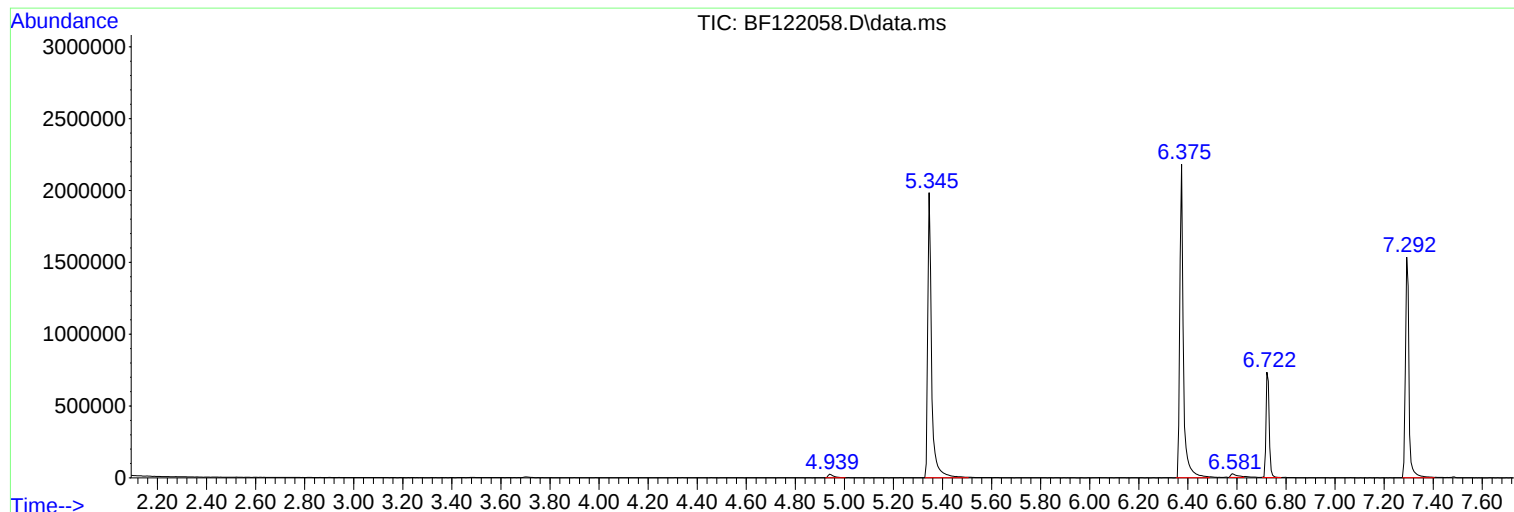
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Instrument :
BNA_F
ClientSampled :
PR-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-SOIL-PILE

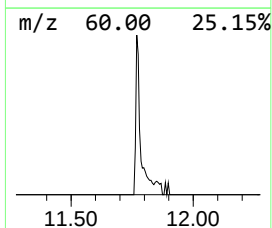
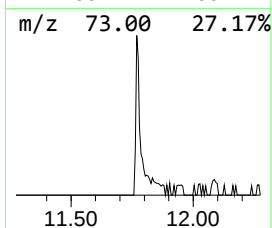
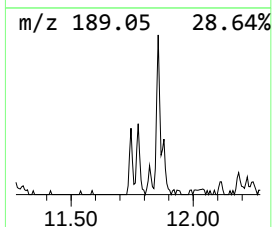
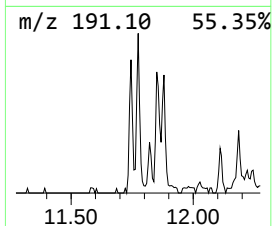
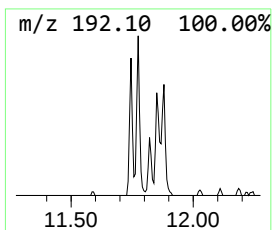
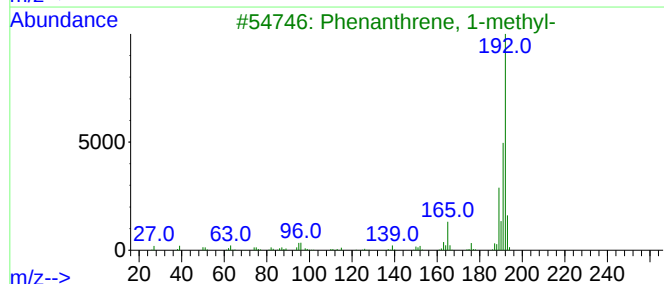
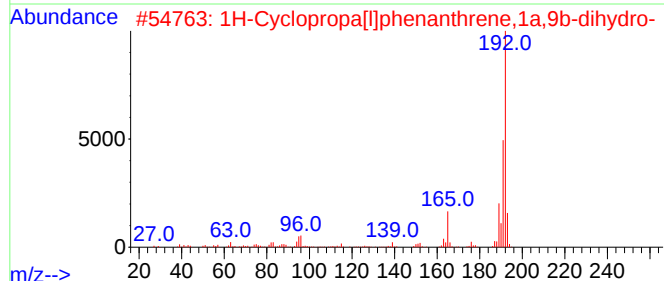
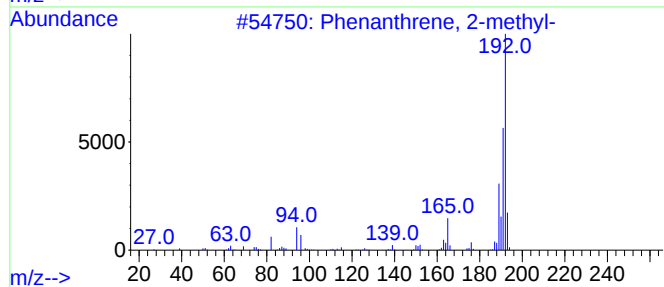
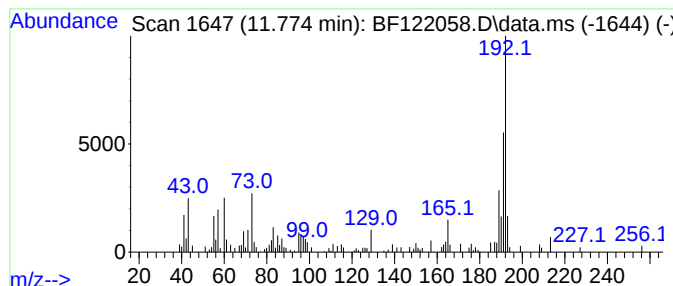
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	2.08 ng	114112	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



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BNA_F
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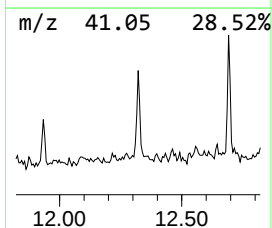
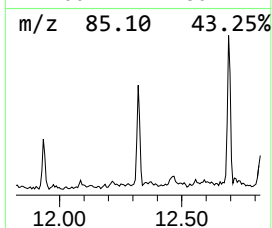
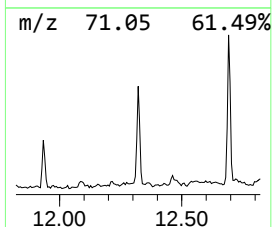
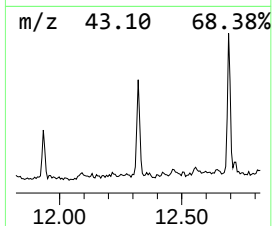
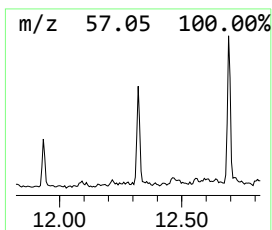
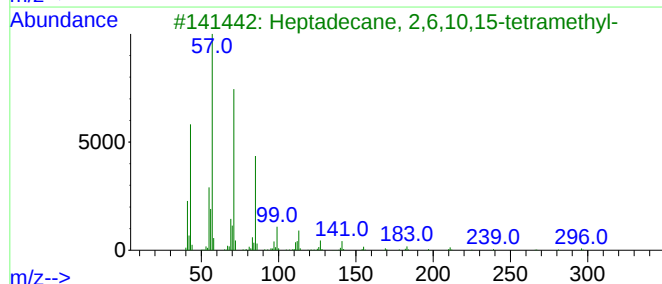
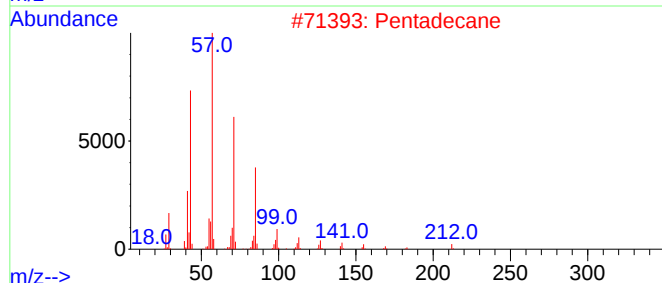
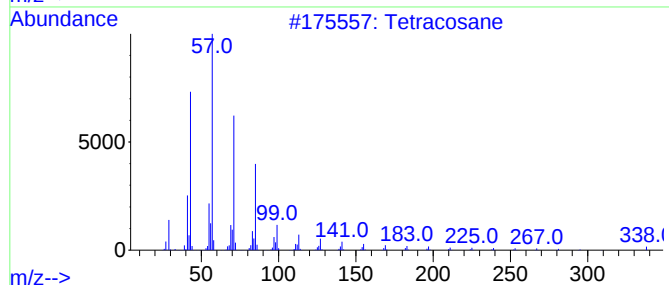
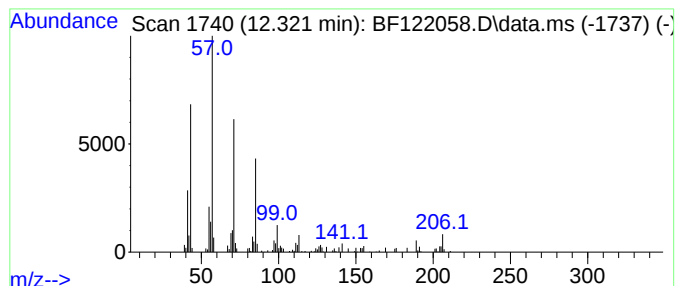
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.321	2.13 ng	117008	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Pentadecane	212	C15H32	000629-62-9	87
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5			Heneicosane	296	C21H44	000629-94-7	86



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ALS Vial : 15 Sample Multiplier: 1

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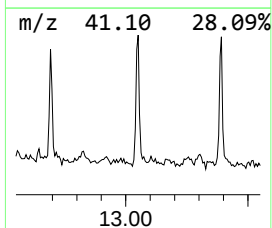
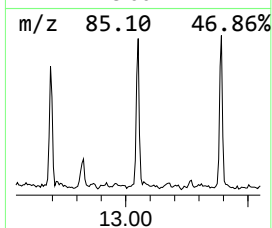
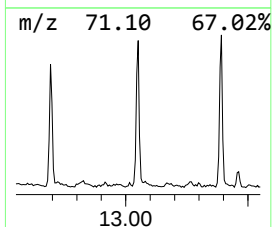
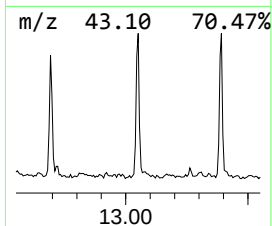
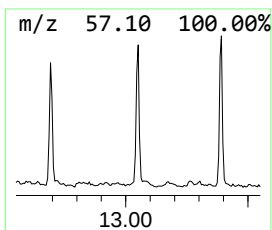
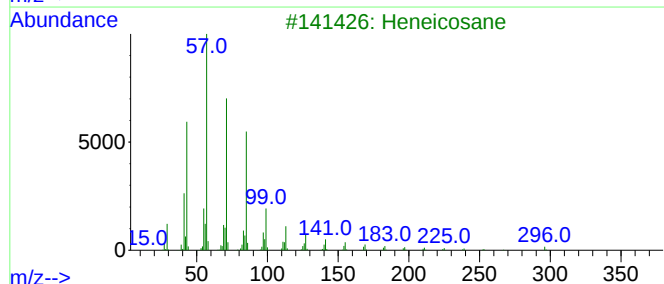
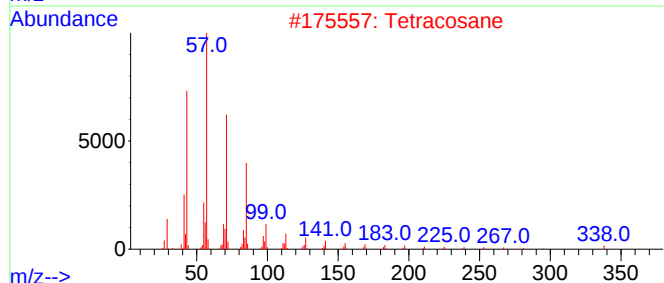
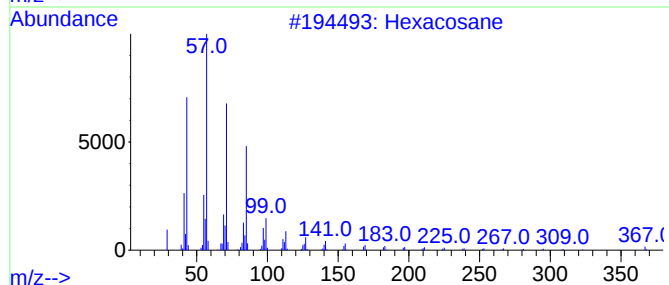
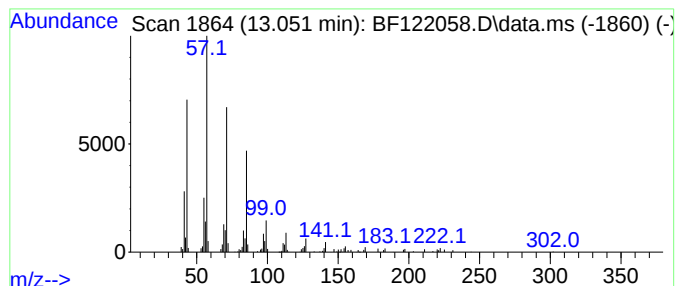
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	3.37 ng	161582	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Tetracosane	338	C24H50	000646-31-1	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Eicosane	282	C20H42	000112-95-8	90



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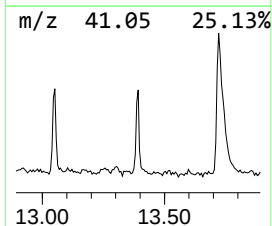
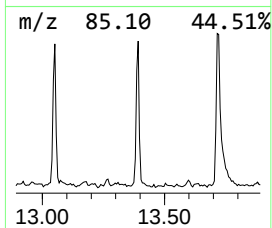
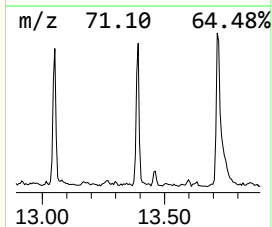
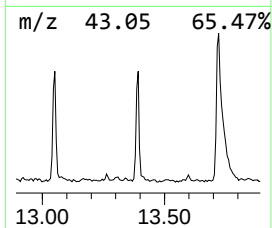
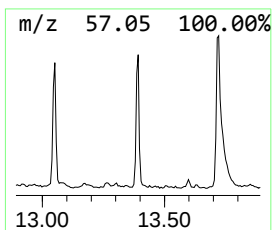
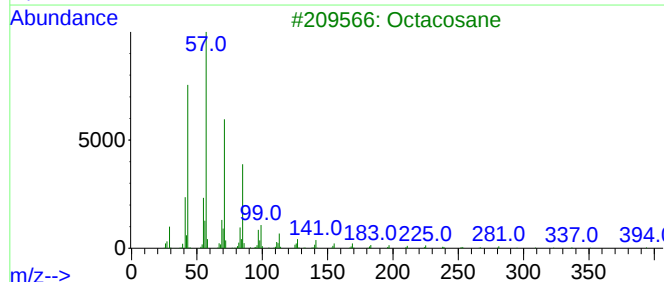
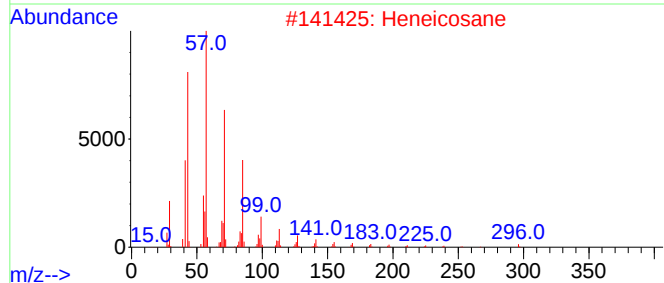
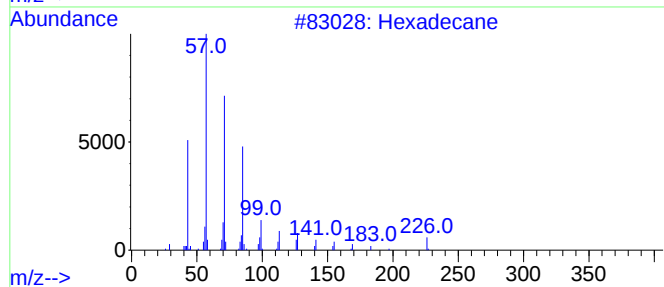
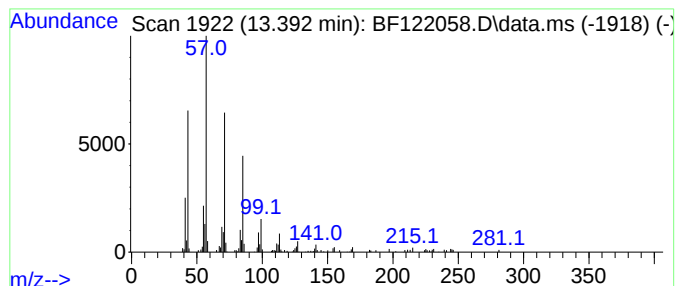
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF10220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	3.42 ng	164030	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Hexacosane	366	C26H54	000630-01-3	90



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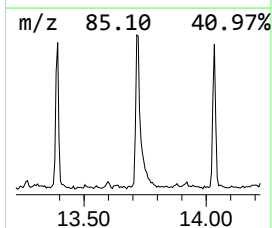
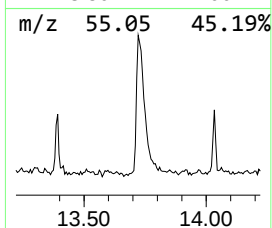
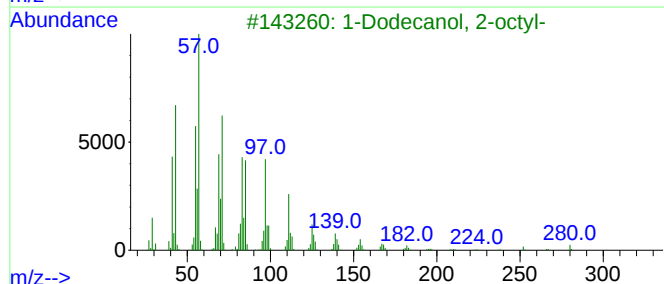
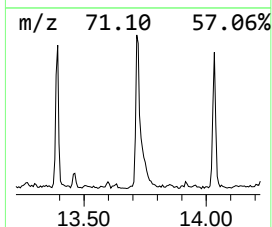
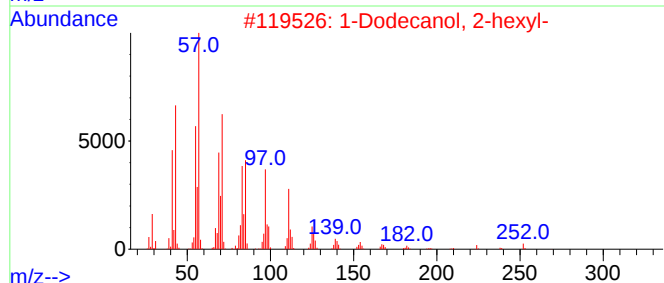
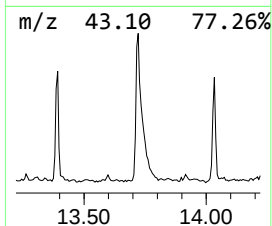
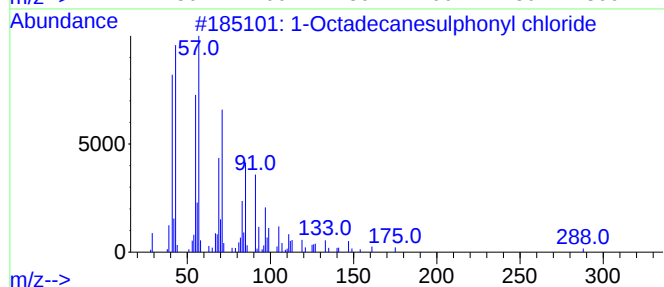
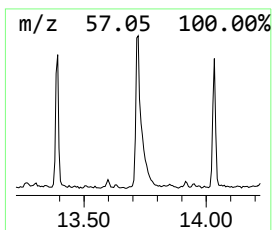
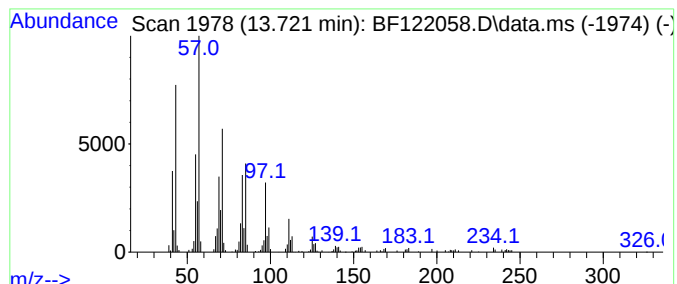
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Octadecanesulphonyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	11.81 ng	566398	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
3			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
4			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	72
5			Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122058.D
Acq On : 21 Oct 2020 16:42
Operator : JU/CG
Sample : L4433-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-SOIL-PILE

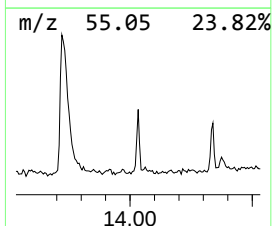
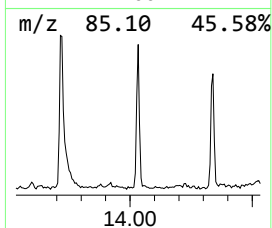
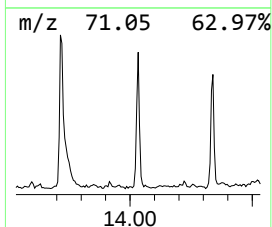
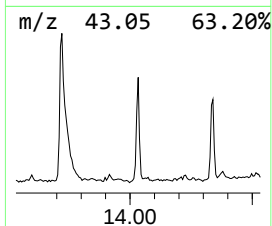
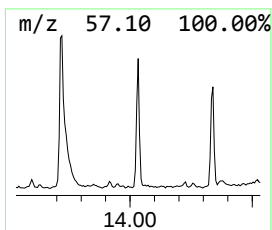
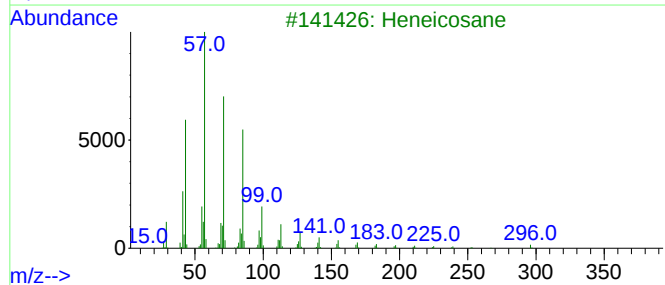
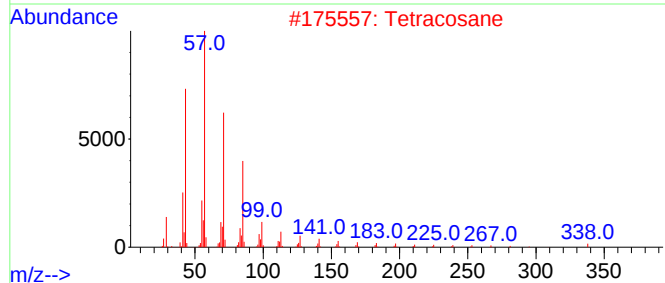
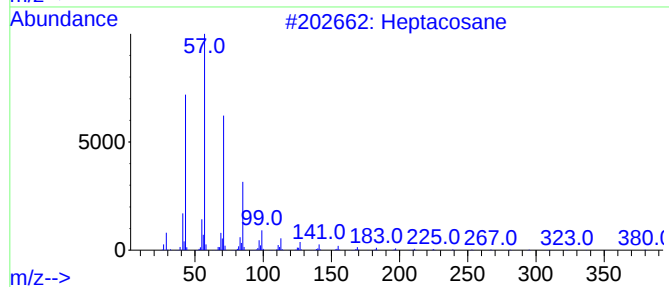
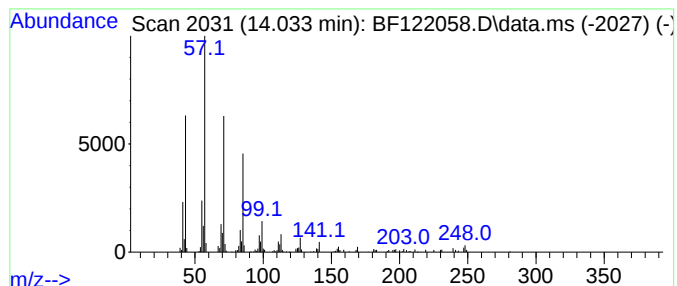
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.033	3.92 ng	188151	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122058.D
Acq On : 21 Oct 2020 16:42
Operator : JU/CG
Sample : L4433-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-SOIL-PILE

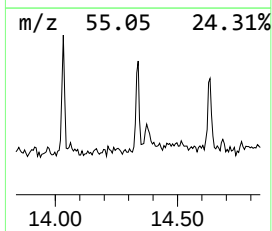
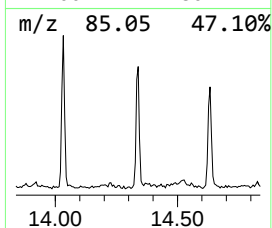
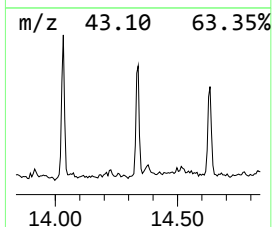
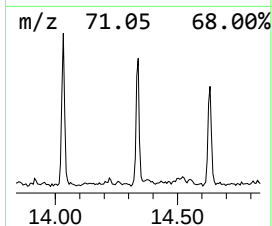
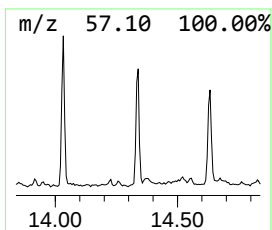
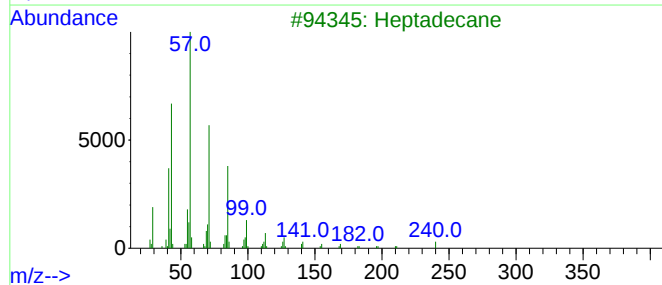
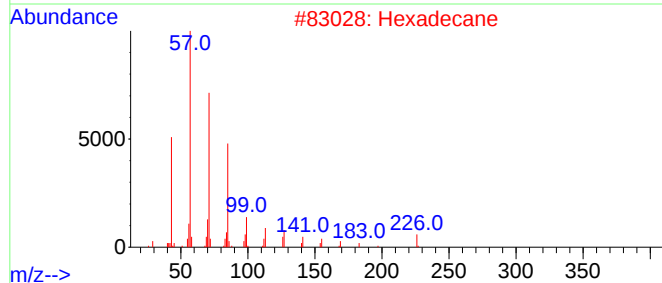
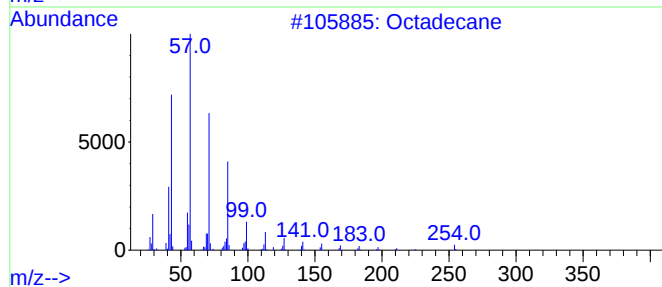
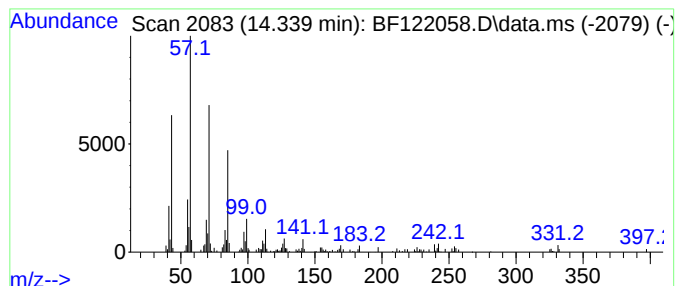
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.339	3.27 ng	156712	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	97
2			Hexadecane	226	C16H34	000544-76-3	96
3			Heptadecane	240	C17H36	000629-78-7	94
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
5			Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122058.D
Acq On : 21 Oct 2020 16:42
Operator : JU/CG
Sample : L4433-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-SOIL-PILE

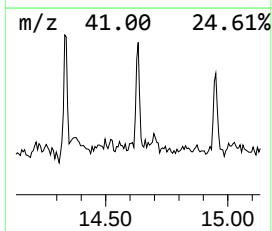
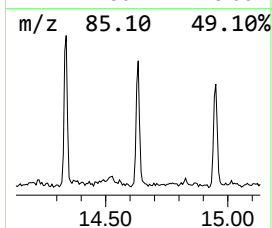
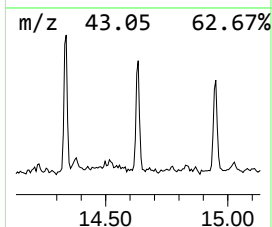
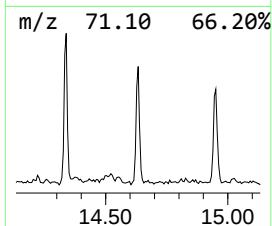
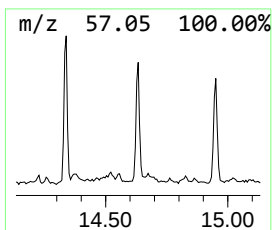
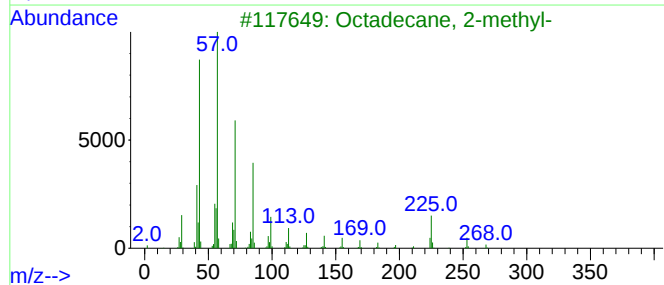
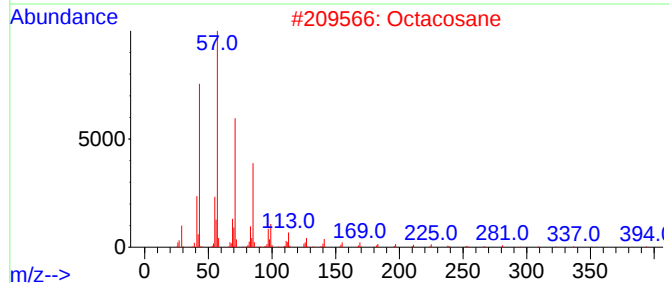
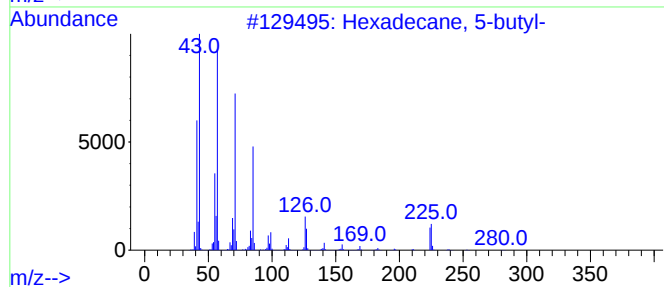
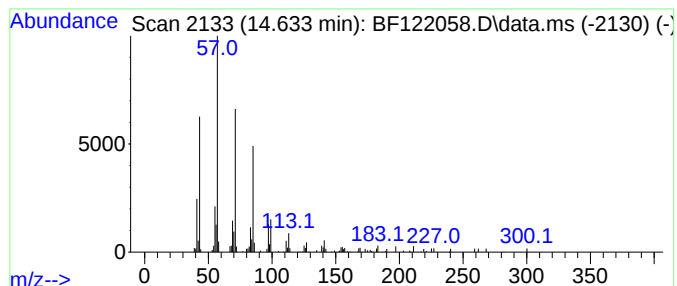
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	2.29 ng	96408	Perylene-d12	15.309

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
4		Heptadecane	240	C17H36	000629-78-7	83
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122058.D
Acq On : 21 Oct 2020 16:42
Operator : JU/CG
Sample : L4433-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR-SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	11.774	2.1	ng	114112	4	11.239	1099830	20.0
Tetracosane	12.321	2.1	ng	117008	4	11.239	1099830	20.0
Hexacosane	13.051	3.4	ng	161582	5	13.880	958868	20.0
Hexadecane	13.392	3.4	ng	164030	5	13.880	958868	20.0
1-Octadecanesul...	13.721	11.8	ng	566398	5	13.880	958868	20.0
Heptacosane	14.033	3.9	ng	188151	5	13.880	958868	20.0
Octadecane	14.339	3.3	ng	156712	5	13.880	958868	20.0
Hexadecane, 5-b...	14.633	2.3	ng	96408	6	15.309	841292	20.0