

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113518.D
 Acq On : 2 Apr 2019 21:12
 Operator : JU/SJ
 Sample : K2182-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7C(2-10)COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF032519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.310	544	548	574	rBV	3219123	3359468	88.00%	9.557%
2	6.345	719	724	740	rBV	3325760	3517550	92.14%	10.007%
3	6.463	740	744	748	rBV	3385511	3456294	90.53%	9.832%
4	6.693	779	783	790	rBV	857314	769065	20.14%	2.188%
5	6.845	805	809	813	rBV	2847001	2682458	70.26%	7.631%
6	7.257	874	879	882	rBV	2297862	2149121	56.29%	6.114%
7	7.969	997	1000	1011	rBV	987350	979292	25.65%	2.786%
8	9.045	1178	1183	1186	rBV	4212957	3817727	100.00%	10.861%
9	9.439	1247	1250	1255	rBV	328528	262985	6.89%	0.748%
10	9.716	1293	1297	1301	rBV	1145274	1060957	27.79%	3.018%
11	10.510	1427	1432	1441	rBV	2427899	2394402	62.72%	6.812%
12	11.198	1545	1549	1551	rBV	1249233	1019379	26.70%	2.900%
13	11.222	1551	1553	1557	rVB	194824	162148	4.25%	0.461%
14	11.698	1631	1634	1637	rBV	63424	55090	1.44%	0.157%
15	11.733	1637	1640	1646	rVV3	271029	314656	8.24%	0.895%
16	11.810	1650	1653	1655	rVV	77612	87114	2.28%	0.248%
17	11.833	1655	1657	1664	rVB	51895	51344	1.34%	0.146%
18	12.245	1724	1727	1730	rBV	50586	52368	1.37%	0.149%
19	12.286	1730	1734	1739	rVB4	32730	54268	1.42%	0.154%
20	12.404	1750	1754	1758	rBV	264312	254149	6.66%	0.723%
21	12.516	1769	1773	1777	rBV4	65955	85775	2.25%	0.244%
22	12.598	1784	1787	1789	rBV	109386	105828	2.77%	0.301%
23	12.633	1789	1793	1796	rVB	289937	261824	6.86%	0.745%
24	12.780	1813	1818	1821	rBV	3365135	3178024	83.24%	9.041%
25	12.804	1821	1822	1826	rVB	84630	65452	1.71%	0.186%
26	12.851	1827	1830	1838	rVB4	35087	58484	1.53%	0.166%
27	12.945	1842	1846	1847	rBV3	35491	41496	1.09%	0.118%
28	13.027	1855	1860	1863	rBV2	32108	42656	1.12%	0.121%
29	13.069	1863	1867	1874	rVB3	51141	71131	1.86%	0.202%
30	13.322	1906	1910	1914	rBV3	29194	42357	1.11%	0.120%
31	13.474	1932	1936	1940	rVB	51529	55762	1.46%	0.159%
32	13.580	1949	1954	1956	rBV	54508	63987	1.68%	0.182%
33	13.680	1969	1971	1974	rBV	71237	81656	2.14%	0.232%
34	13.827	1988	1996	1999	rBV	1076556	1166579	30.56%	3.319%

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.851	1999	2000	2004	rVB	187830	143463	3.76%	0.408%
36	13.998	2020	2025	2028	rBV	99883	104053	2.73%	0.296%
37	14.216	2058	2062	2065	rBV	53975	55253	1.45%	0.157%
38	14.304	2073	2077	2080	rVB2	165101	165460	4.33%	0.471%
39	14.598	2123	2127	2130	rBV	228255	226002	5.92%	0.643%
40	14.839	2163	2168	2171	rBV	224202	322030	8.44%	0.916%
41	14.904	2176	2179	2183	rVV	237353	254727	6.67%	0.725%
42	15.116	2211	2215	2221	rVB	128860	152870	4.00%	0.435%
43	15.174	2221	2225	2230	rBV	114918	126938	3.32%	0.361%
44	15.233	2230	2235	2238	rBV	826787	1077593	28.23%	3.066%
45	15.651	2300	2306	2314	rBV	189024	291077	7.62%	0.828%
46	16.104	2378	2383	2389	rVB2	100313	154327	4.04%	0.439%
47	16.586	2460	2465	2469	rBV	53111	93830	2.46%	0.267%
48	16.639	2470	2474	2481	rVB3	52763	103120	2.70%	0.293%
49	16.992	2529	2534	2540	rVB	32428	60562	1.59%	0.172%

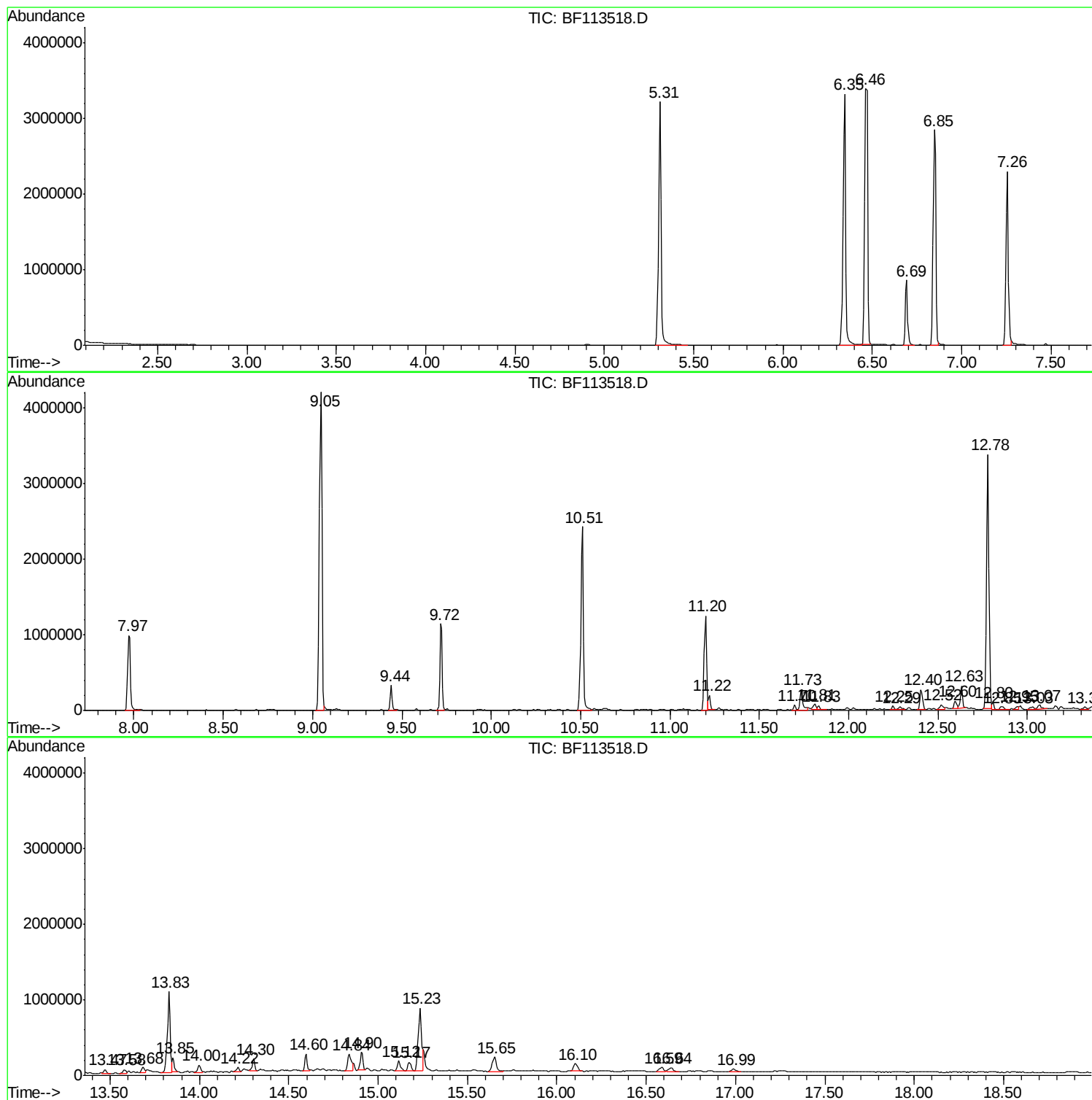
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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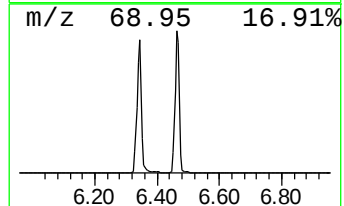
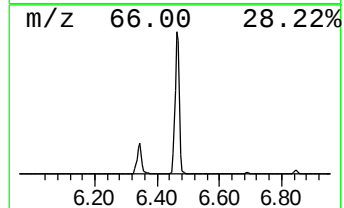
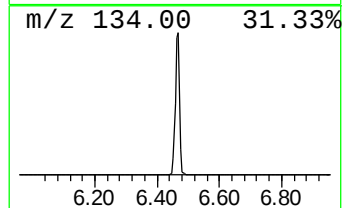
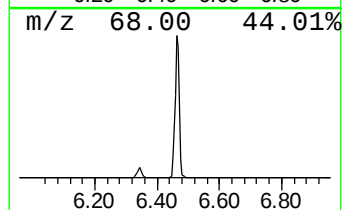
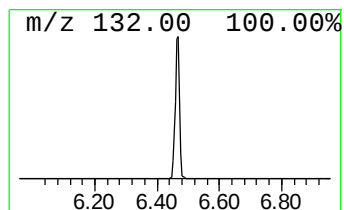
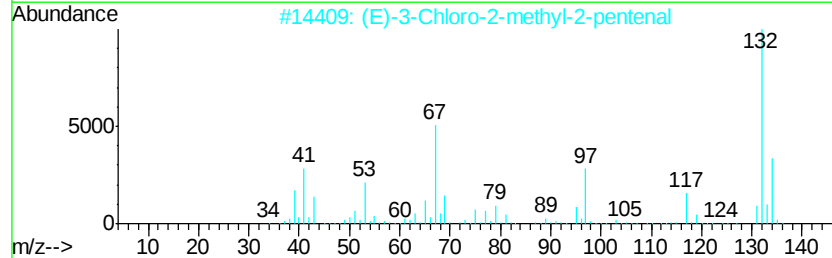
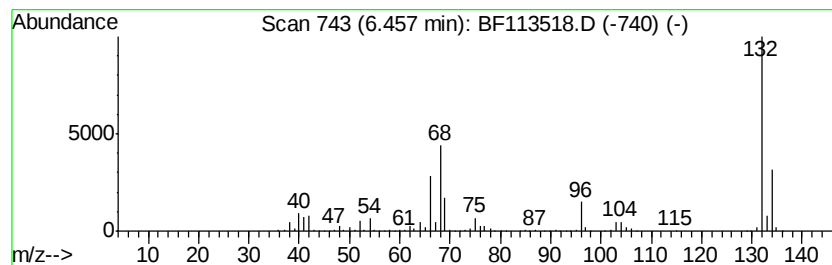
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Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	89.88 ng	3456290	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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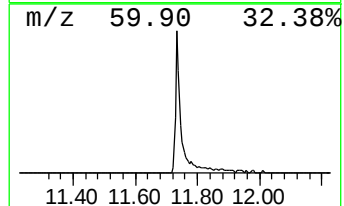
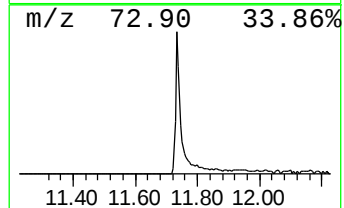
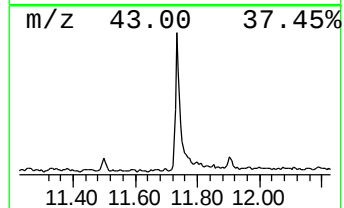
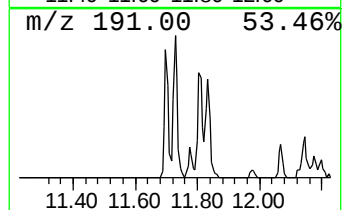
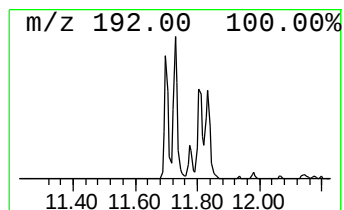
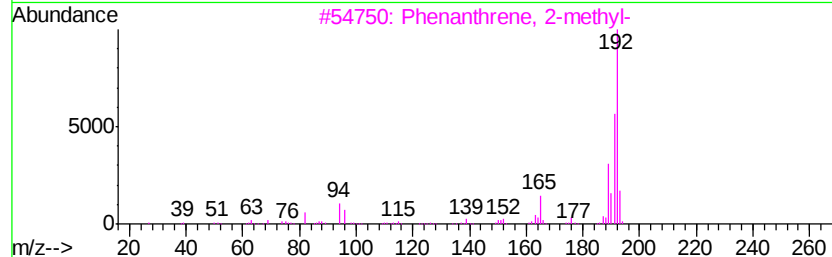
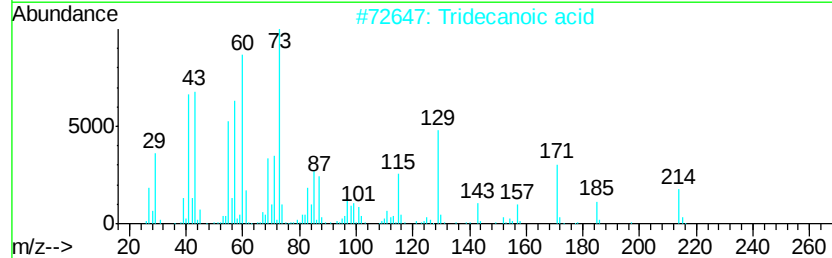
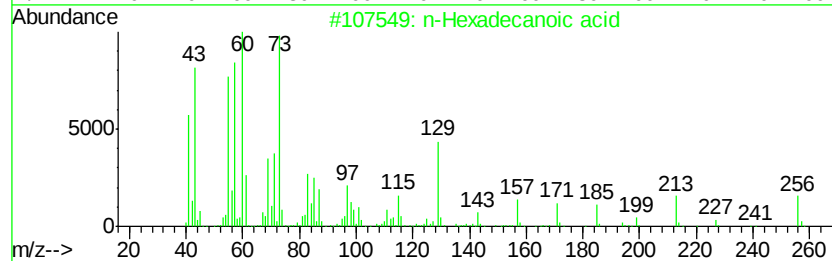
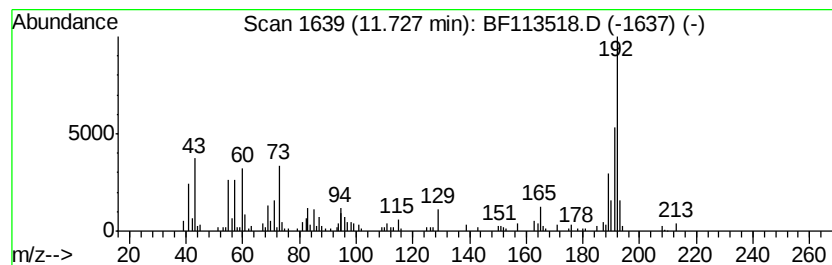
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.73	6.17 ng	314656	Phenanthrene-d10		11.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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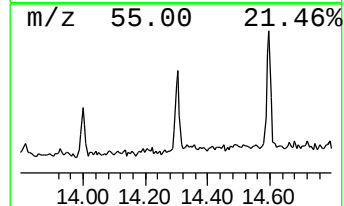
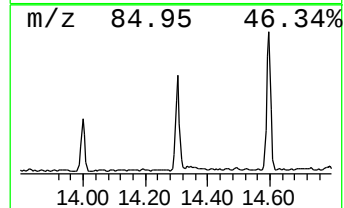
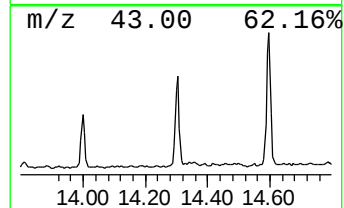
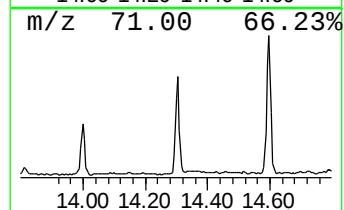
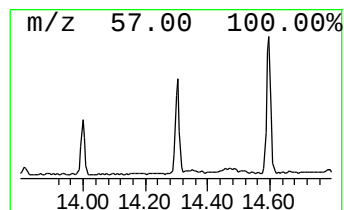
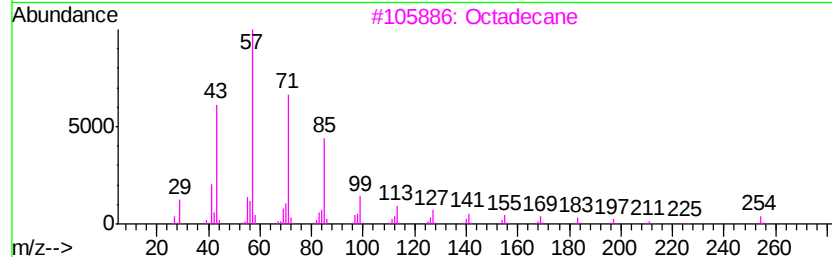
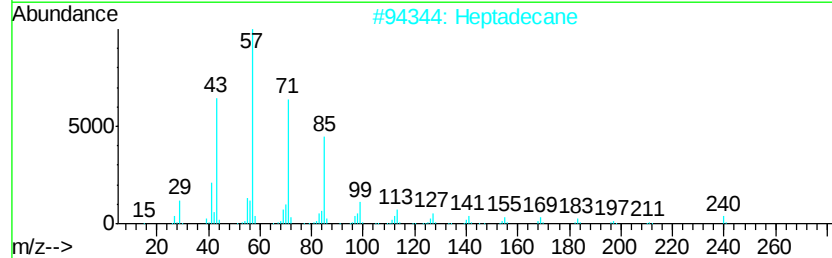
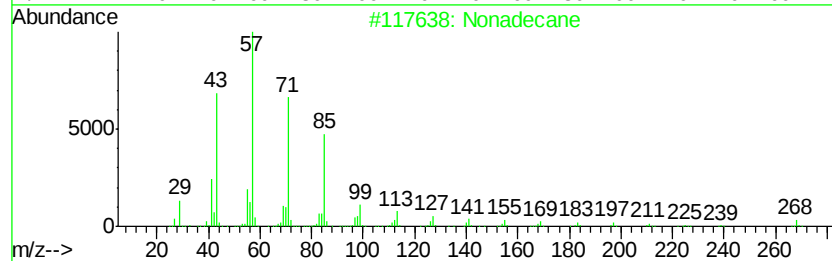
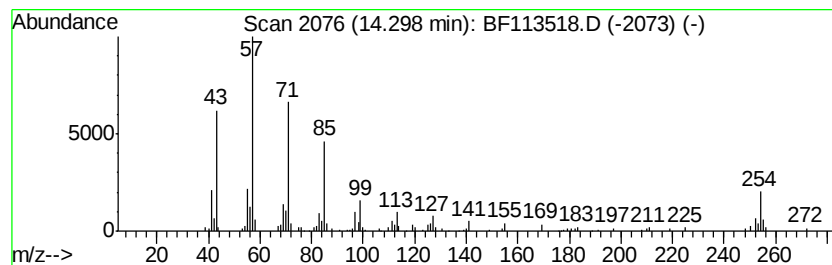
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.84 ng	165460	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	Heptadecane		240	C17H36	000629-78-7	94
3	Octadecane		254	C18H38	000593-45-3	93
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexacosane		366	C26H54	000630-01-3	90



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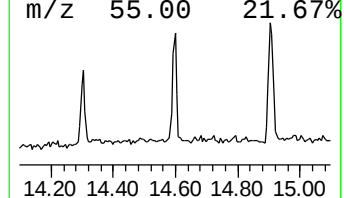
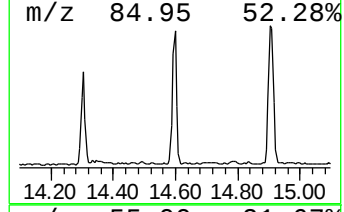
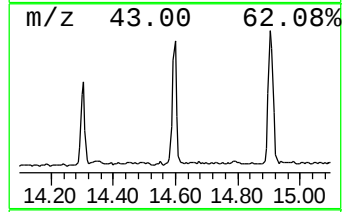
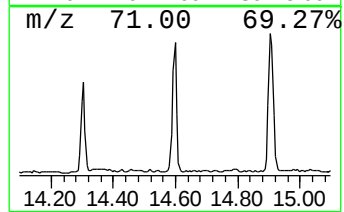
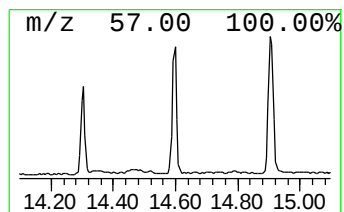
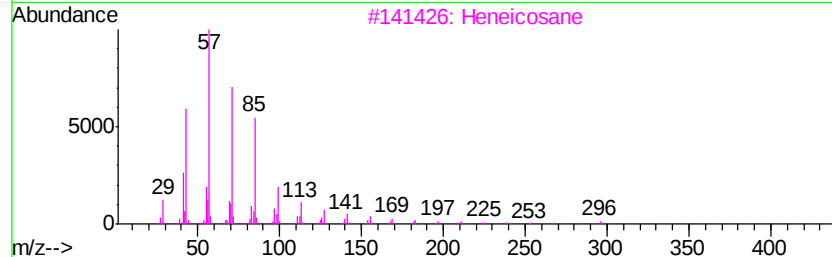
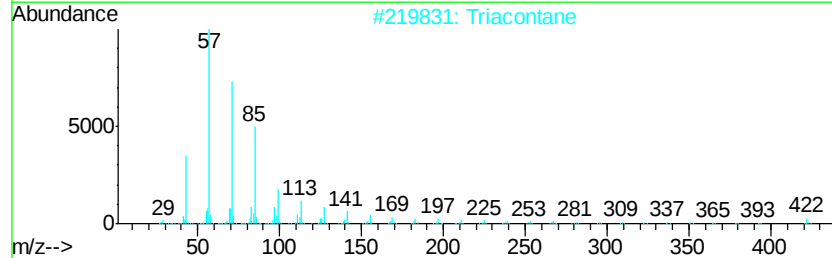
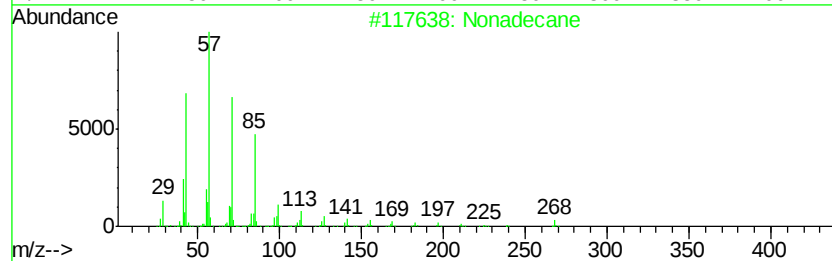
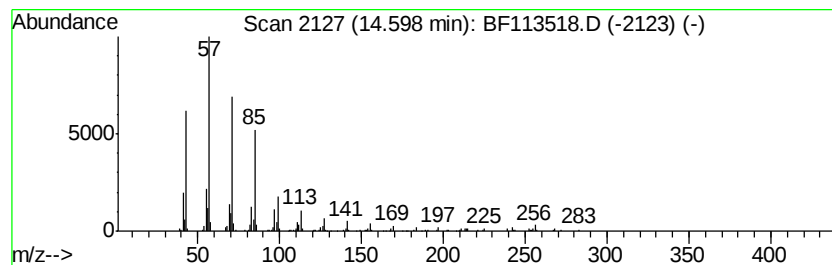
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Peak Number 5 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.19 ng	226002	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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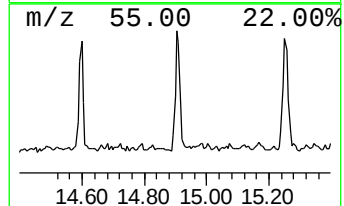
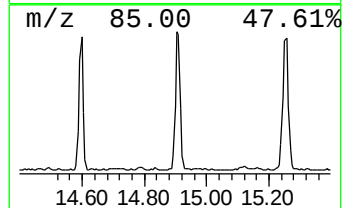
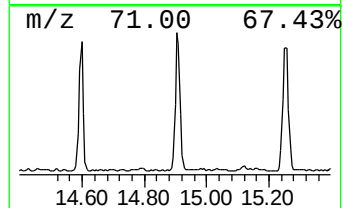
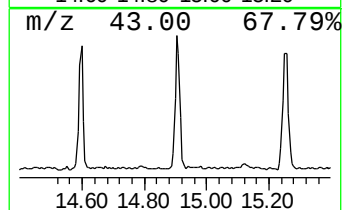
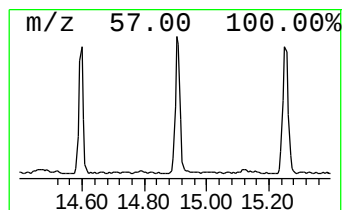
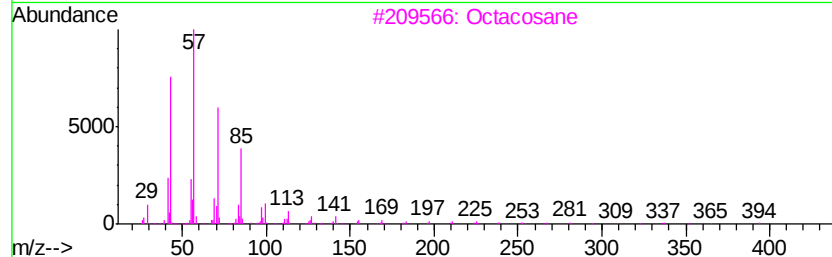
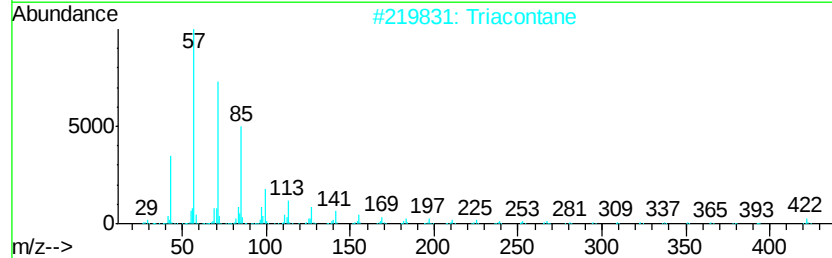
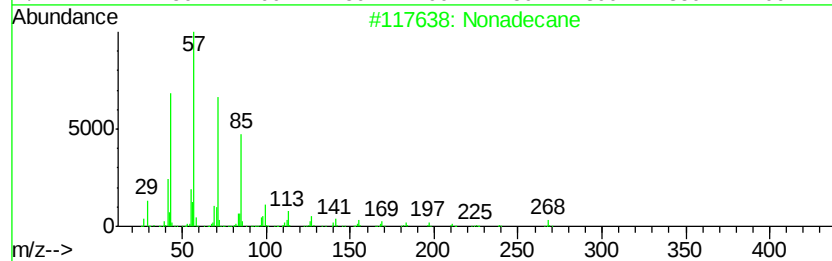
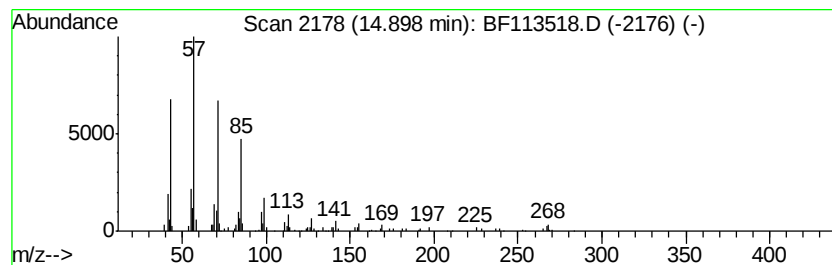
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	4.73 ng	254727	Perylene-d12	15.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268	C19H40	000629-92-5 97
2	triacontane	422	C30H62	000638-68-6 91
3	Octacosane	394	C28H58	000630-02-4 90
4	Heneicosane	296	C21H44	000629-94-7 87
5	Octadecane	254	C18H38	000593-45-3 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113518.D
Acq On : 2 Apr 2019 21:12
Operator : JU/SJ
Sample : K2182-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

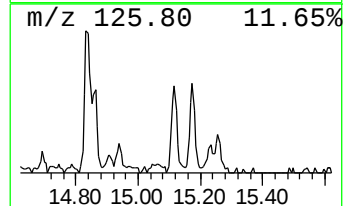
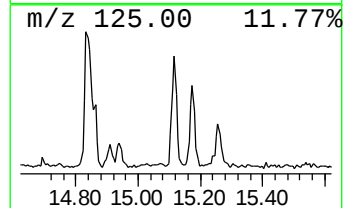
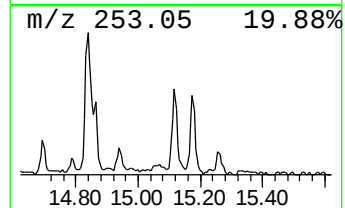
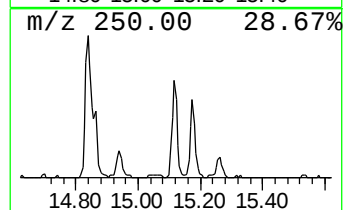
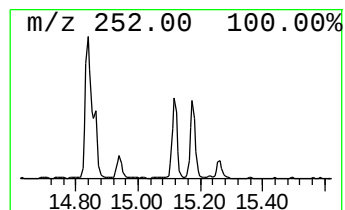
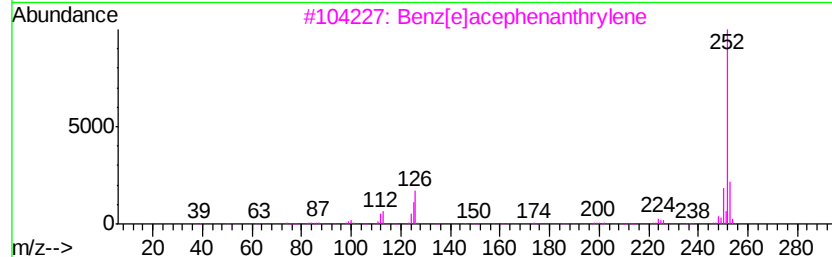
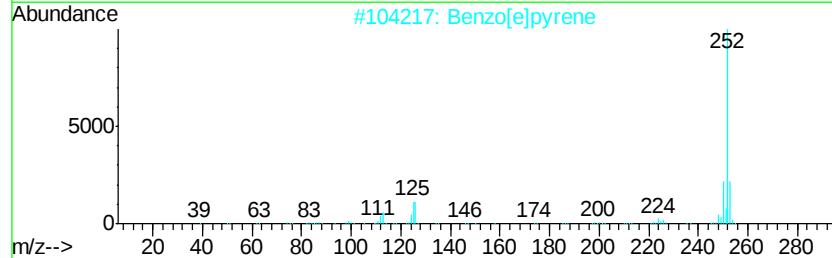
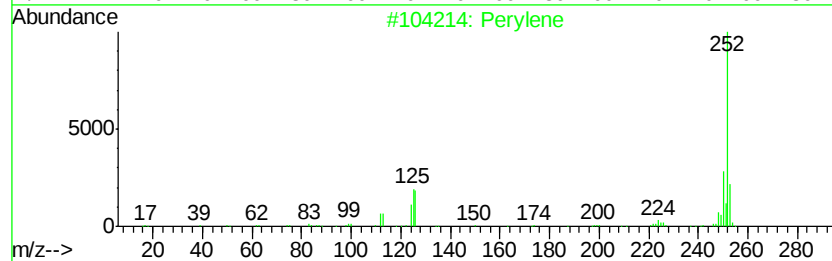
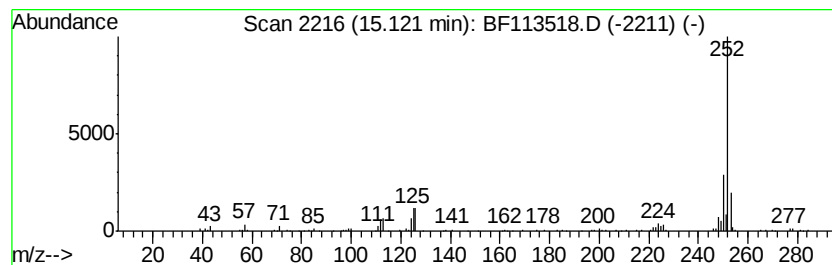
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.84 ng	152870	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113518.D
Acq On : 2 Apr 2019 21:12
Operator : JU/SJ
Sample : K2182-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

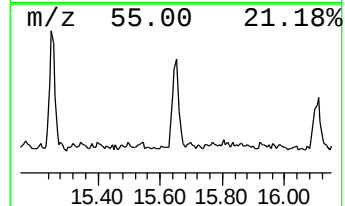
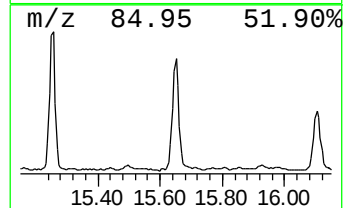
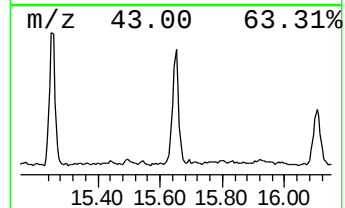
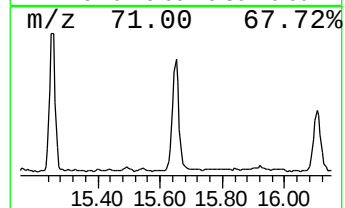
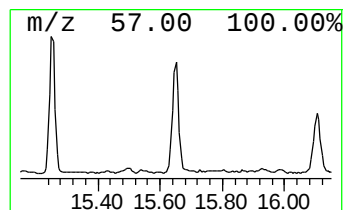
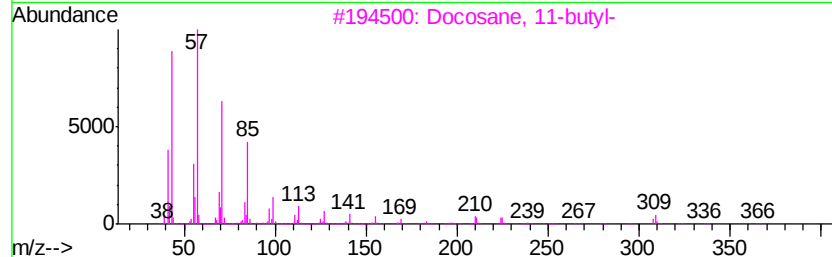
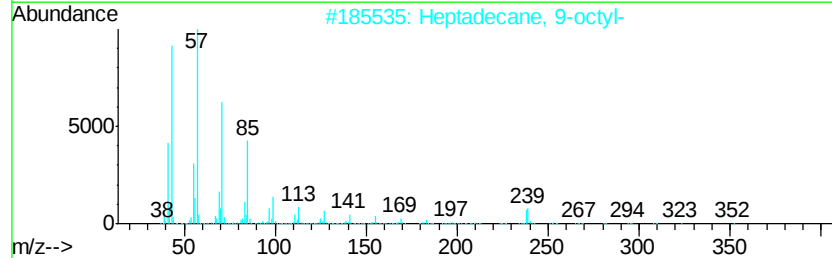
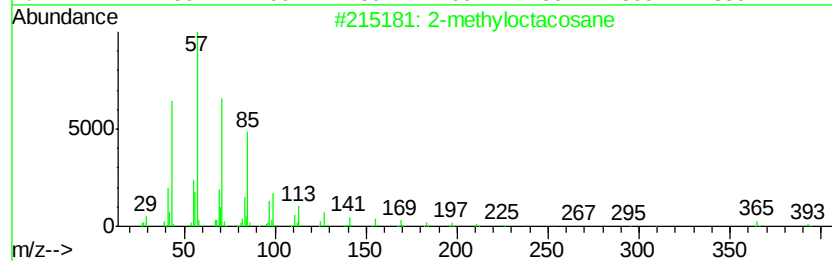
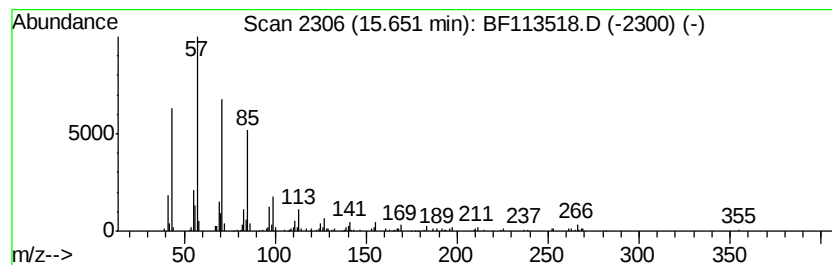
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	5.40 ng	291077	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	90
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
3	Docosane, 11-butyl-		366	C26H54	013475-76-8	87
4	Docosane		310	C22H46	000629-97-0	83
5	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113518.D
Acq On : 2 Apr 2019 21:12
Operator : JU/SJ
Sample : K2182-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

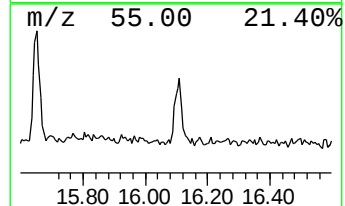
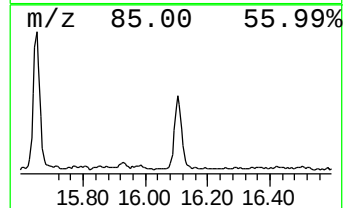
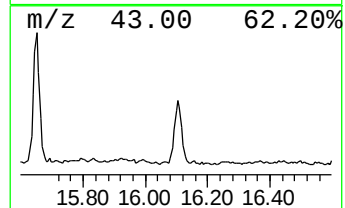
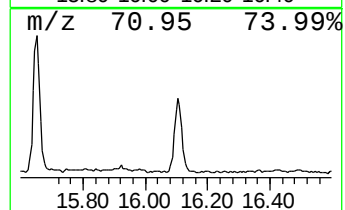
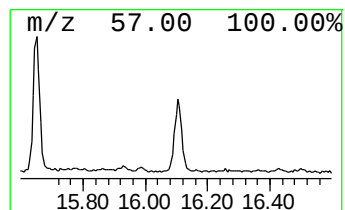
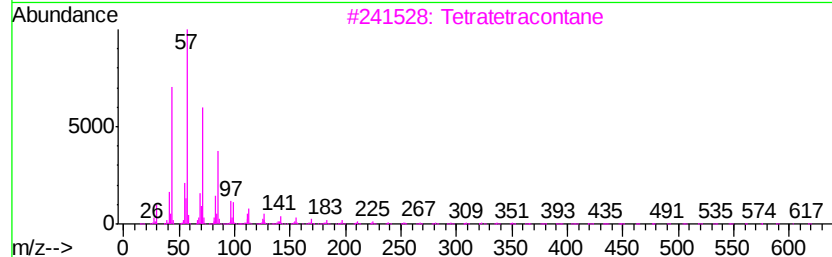
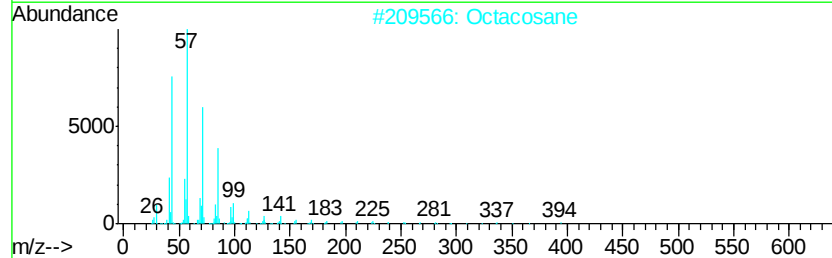
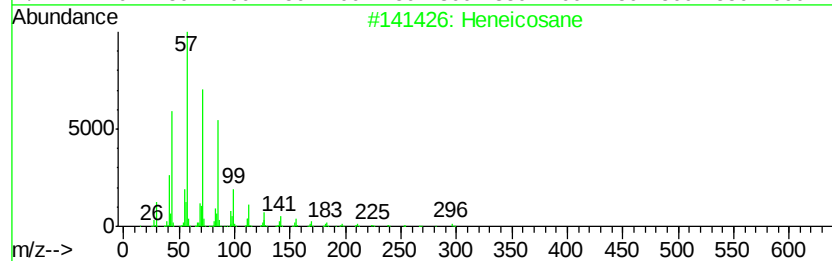
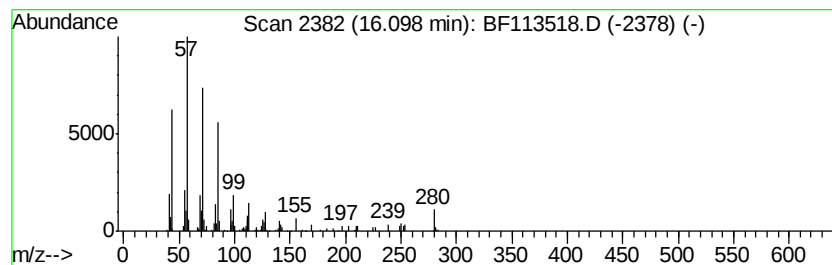
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.86 ng	154327	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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Operator : JU/SJ
Sample : K2182-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7C(2-10)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
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n-Hexadecanoic acid	11.73	6.2	ng	314656	4	11.20	1019380	20.0
Nonadecane	14.30	2.8	ng	165460	5	13.83	1166580	20.0
Triacontane	14.60	4.2	ng	226002	6	15.23	1077590	20.0
Octacosane	14.90	4.7	ng	254727	6	15.23	1077590	20.0
Benzo[e]pyrene	15.12	2.8	ng	152870	6	15.23	1077590	20.0
2-methyloctacosane	15.65	5.4	ng	291077	6	15.23	1077590	20.0
Tetratetracontane	16.10	2.9	ng	154327	6	15.23	1077590	20.0