

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
 Data File : BF115294.D
 Acq On : 28 Jun 2019 21:03
 Operator : HP/JU
 Sample : K3526-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-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-BF062119.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	4.431	419	424	431	rVB	126564	149750	2.64%	0.284%
2	5.195	548	554	557	rBV	4121150	4081801	72.05%	7.748%
3	6.236	725	731	734	rBV	4304685	4293730	75.79%	8.150%
4	6.266	734	736	742	rVB	124348	107272	1.89%	0.204%
5	6.366	748	753	756	rBV	4784739	4494592	79.34%	8.531%
6	6.595	789	792	796	rBV	1762893	1373559	24.25%	2.607%
7	6.754	815	819	822	rBV	4358163	3690908	65.15%	7.006%
8	7.160	882	888	891	rBV	2749550	2830913	49.97%	5.373%
9	7.878	1006	1010	1013	rBV	2103273	1749149	30.88%	3.320%
10	8.954	1188	1193	1196	rBV	5963645	5216006	92.07%	9.901%
11	9.348	1256	1260	1266	rBV	775806	621153	10.96%	1.179%
12	9.619	1302	1306	1310	rBV	2266672	2056212	36.30%	3.903%
13	10.401	1435	1439	1452	rBV	3618463	3264698	57.63%	6.197%
14	11.095	1553	1557	1559	rBV	2444088	2219898	39.19%	4.214%
15	11.113	1559	1560	1564	rVB	164497	99857	1.76%	0.190%
16	11.642	1648	1650	1657	rBV2	395133	394313	6.96%	0.748%
17	12.213	1742	1747	1754	rVB7	33065	59929	1.06%	0.114%
18	12.295	1757	1761	1765	rBV	469664	418678	7.39%	0.795%
19	12.424	1780	1783	1791	rBV3	205715	283686	5.01%	0.538%
20	12.518	1794	1799	1802	rVB	437250	432899	7.64%	0.822%
21	12.677	1821	1826	1829	rBV	5844320	5665014	100.00%	10.753%
22	12.742	1832	1837	1844	rVB3	41679	65492	1.16%	0.124%
23	12.848	1853	1855	1860	rVB2	72778	61156	1.08%	0.116%
24	13.348	1937	1940	1945	rBV2	50649	60022	1.06%	0.114%
25	13.460	1955	1959	1962	rBV2	73937	96322	1.70%	0.183%
26	13.601	1980	1983	1985	rBV2	107860	125210	2.21%	0.238%
27	13.712	1997	2002	2008	rVB3	2430649	3203465	56.55%	6.081%
28	13.912	2031	2036	2043	rBV3	128350	155828	2.75%	0.296%
29	14.095	2063	2067	2070	rBV2	82292	87907	1.55%	0.167%
30	14.130	2070	2073	2076	rVB2	64260	65749	1.16%	0.125%
31	14.218	2085	2088	2091	rBV2	222527	213154	3.76%	0.405%
32	14.512	2134	2138	2141	rBV	239875	226642	4.00%	0.430%
33	14.577	2145	2149	2153	rVB	324076	322711	5.70%	0.613%
34	14.695	2166	2169	2179	rVB	328075	575111	10.15%	1.092%

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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

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35	14.807	2183	2188	2193	rVB2	283421	341177	6.02%	0.648%
36	14.959	2211	2214	2219	rVB	189237	202046	3.57%	0.384%
37	15.012	2220	2223	2227	rVB	247278	255392	4.51%	0.485%
38	15.071	2228	2233	2237	rBV	1788381	1961215	34.62%	3.723%
39	15.142	2242	2245	2253	rVB	237801	299976	5.30%	0.569%
40	15.518	2305	2309	2317	rBV	205631	320265	5.65%	0.608%
41	15.959	2380	2384	2393	rVB	105741	179615	3.17%	0.341%
42	16.324	2442	2446	2454	rVB2	123292	228942	4.04%	0.435%
43	16.465	2467	2470	2476	rVB2	78984	131777	2.33%	0.250%

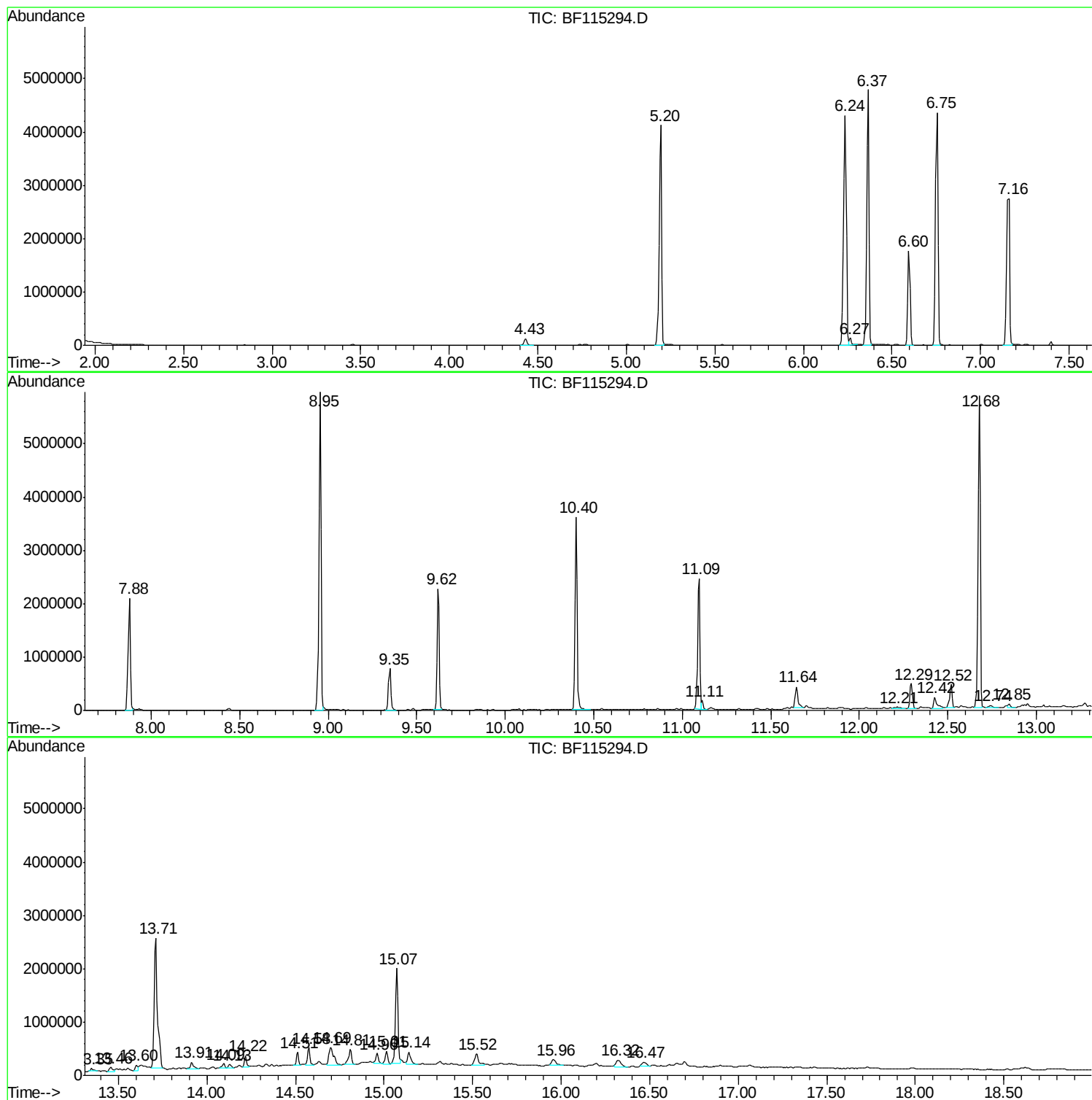
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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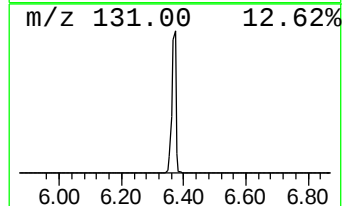
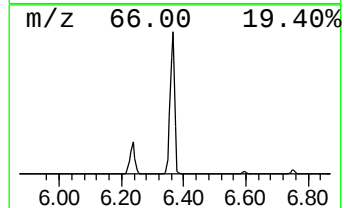
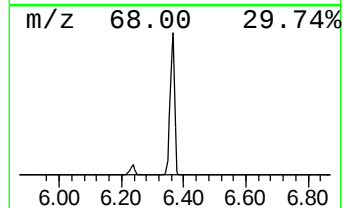
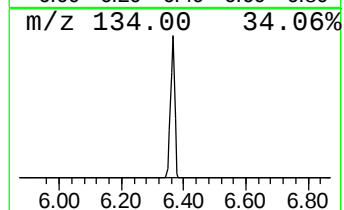
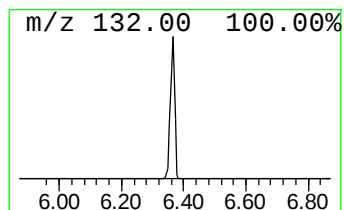
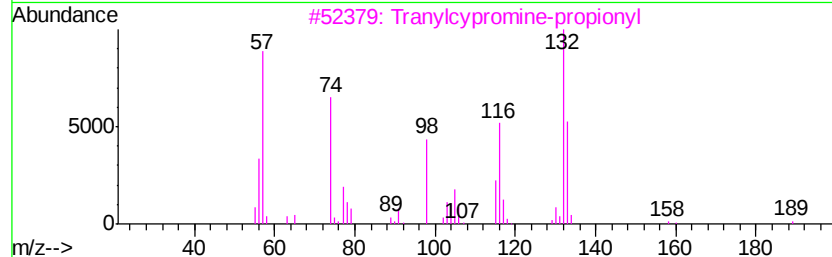
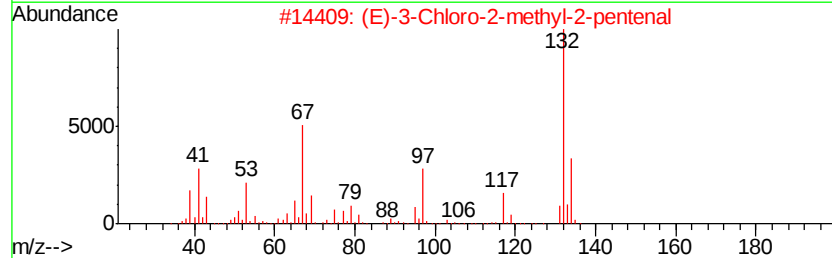
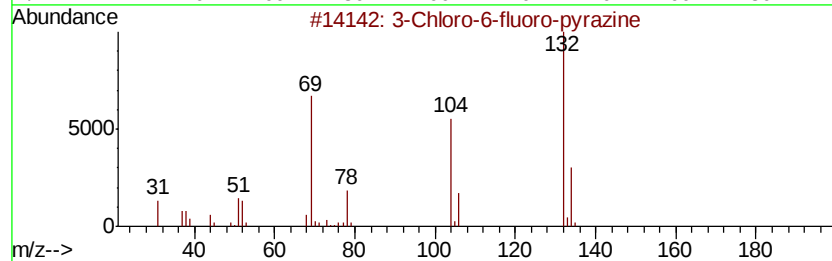
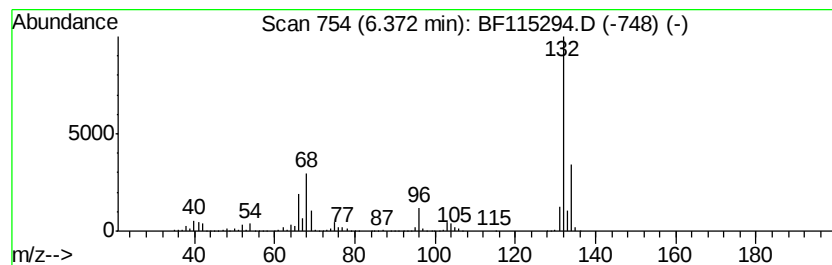
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	65.44 ng	4494590	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		2H-Cyclopentaf[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



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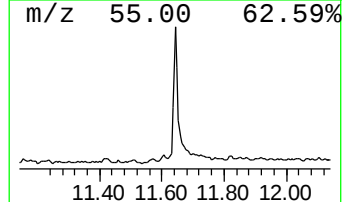
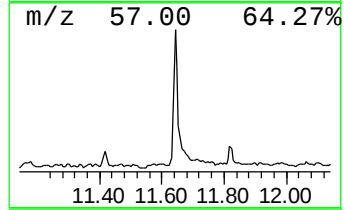
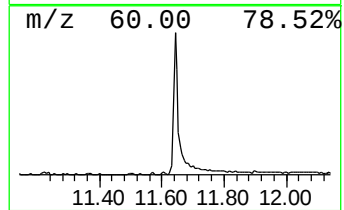
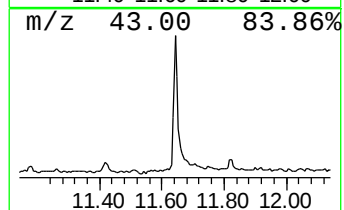
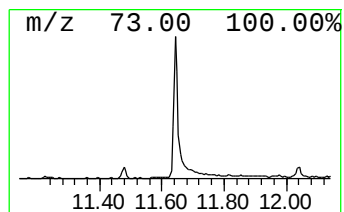
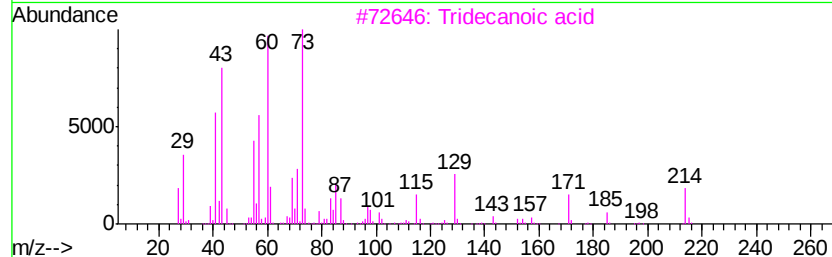
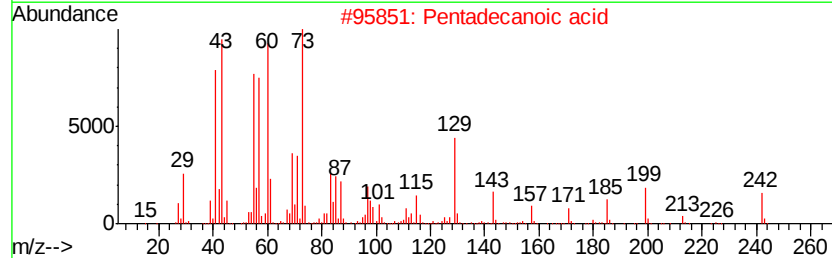
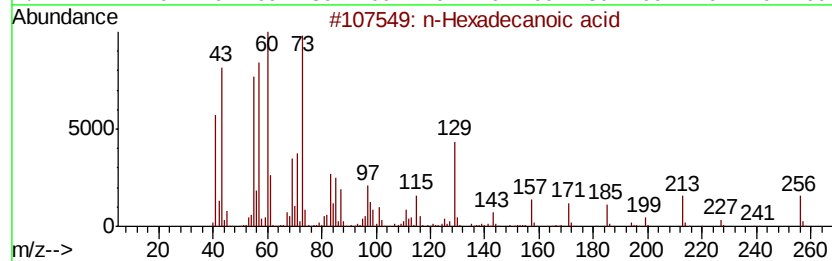
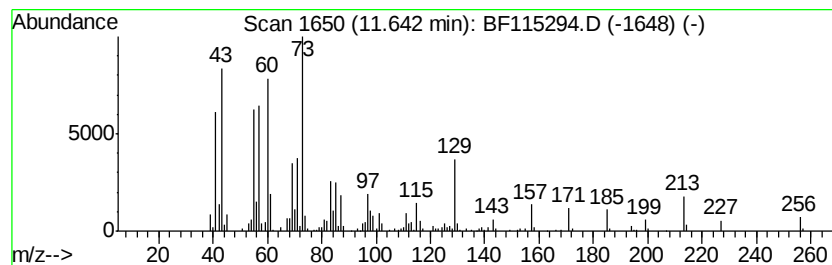
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	3.55 ng	394313	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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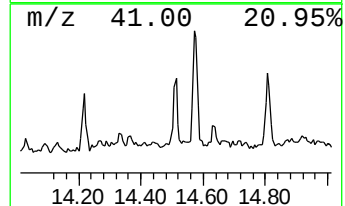
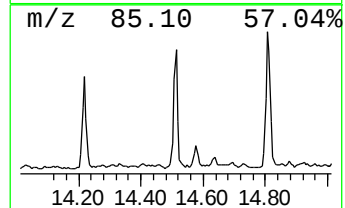
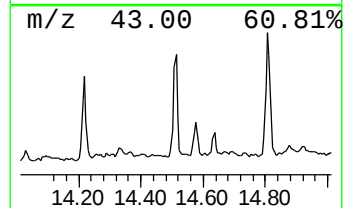
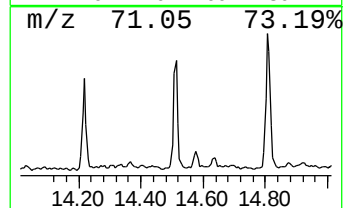
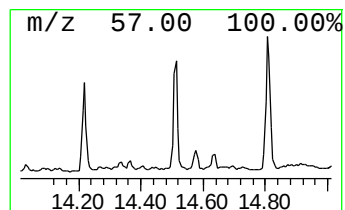
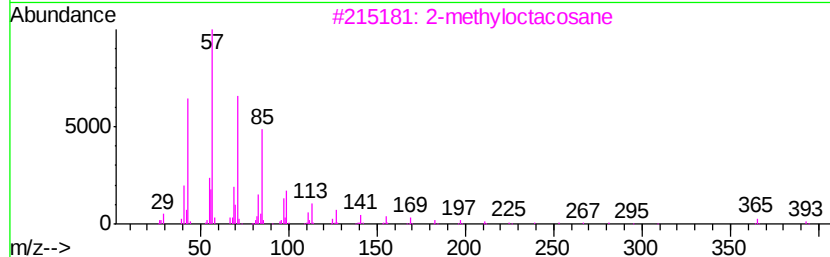
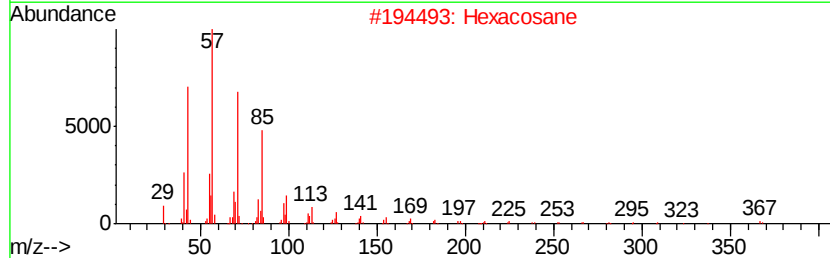
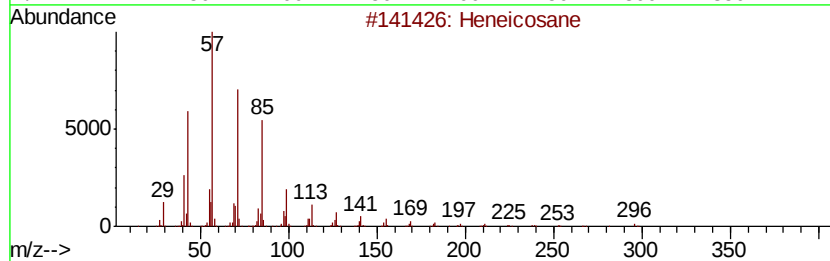
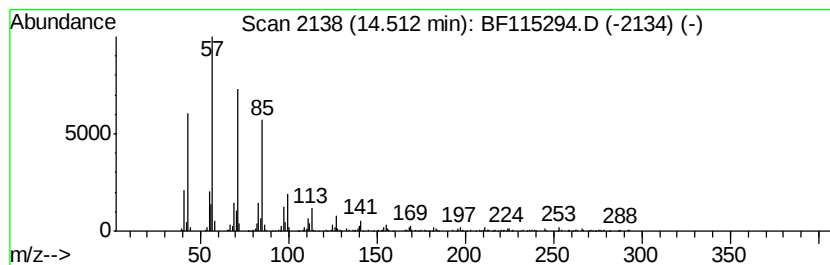
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.31 ng	226642	Perylene-d12	15.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	89



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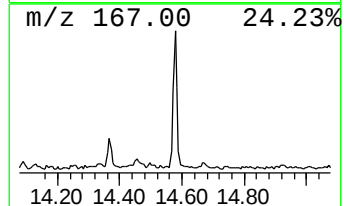
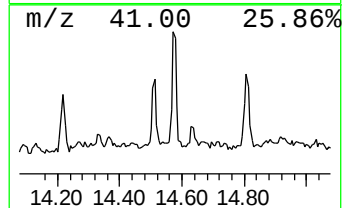
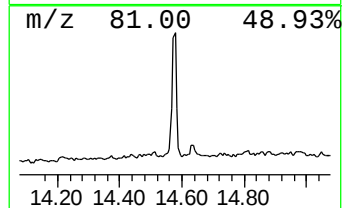
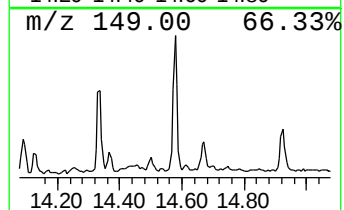
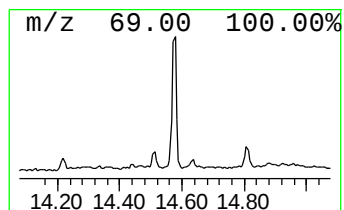
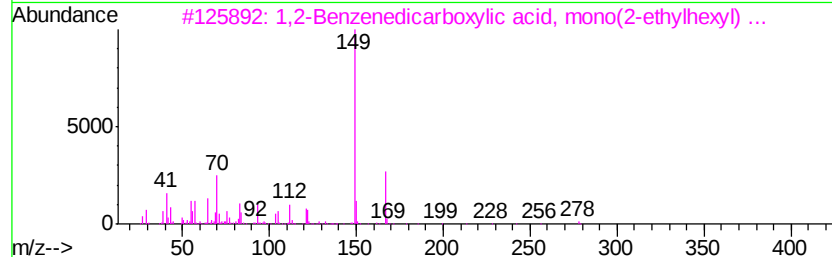
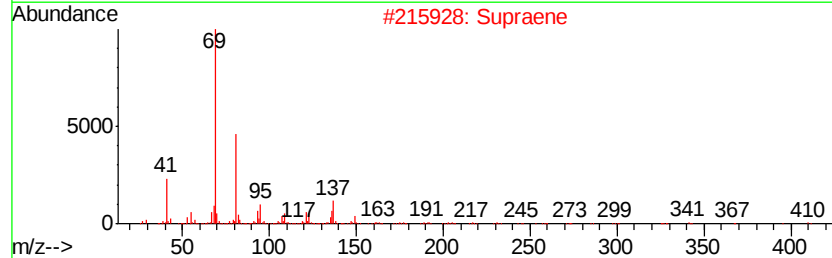
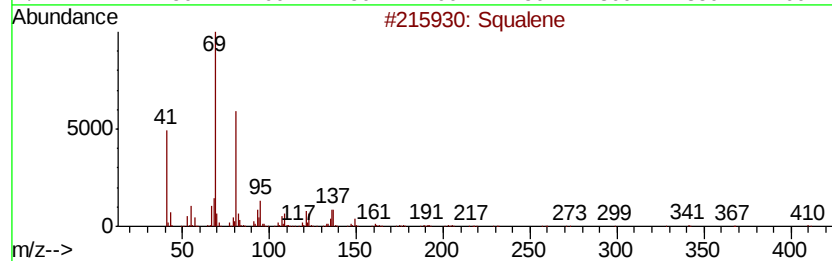
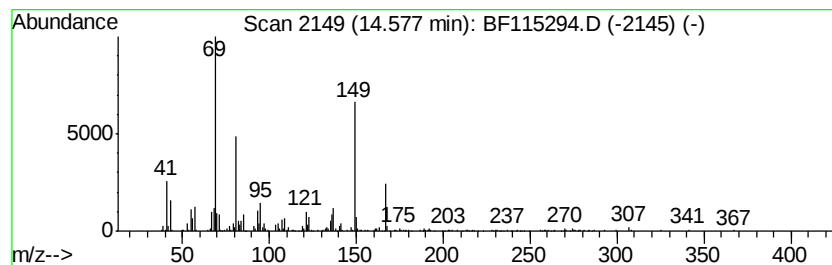
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.29 ng	322711	Perylene-d12	15.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene		410	C30H50	000111-02-4	60
2	Supraene		410	C30H50	007683-64-9	60
3	1,2-Benzenedicarboxylic acid, mono(2-ethylhexyl) ...		278	C16H22O4	004376-20-9	55
4	7,11-Dimethyldodeca-2,6,10-trien...		208	C14H24O	125529-10-4	55
5	Docosa-2,6,10,14,18-pentaen-22-a...		384	C27H44O	1000163-04-7	47



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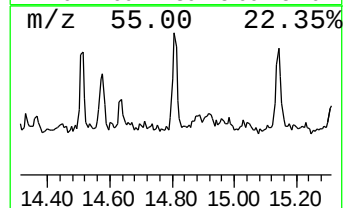
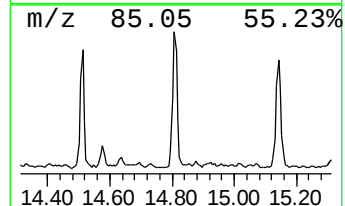
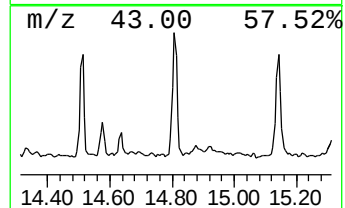
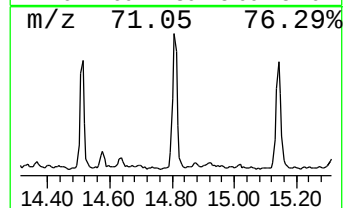
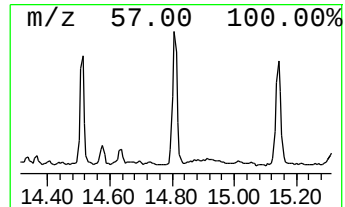
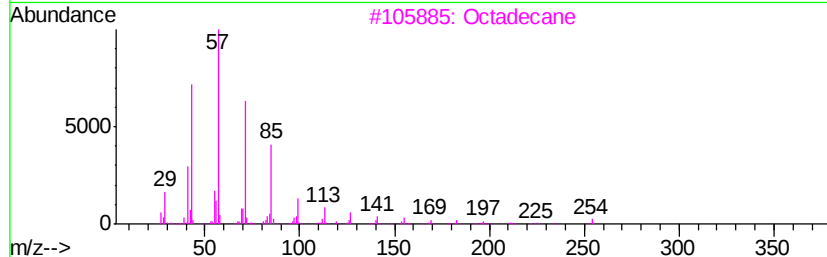
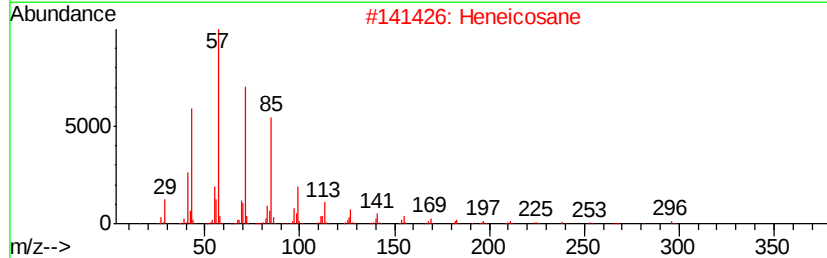
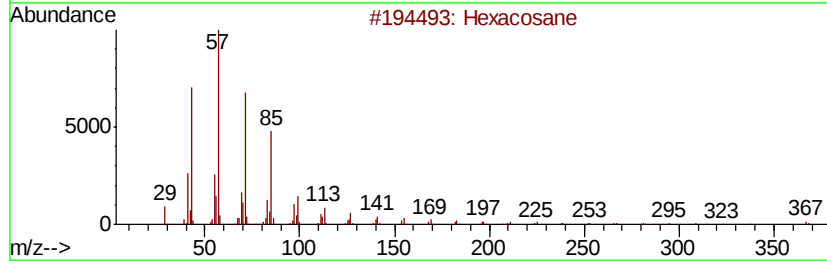
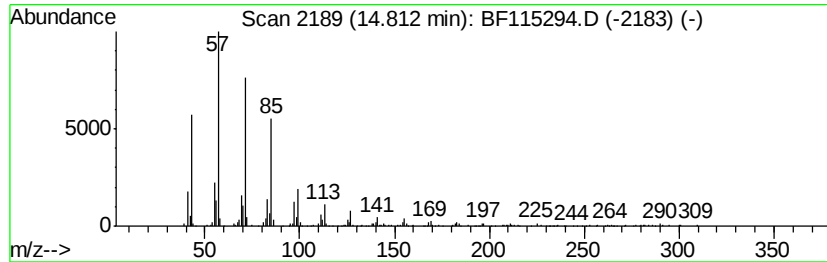
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.48 ng	341177	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	90
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115294.D
Acq On : 28 Jun 2019 21:03
Operator : HP/JU
Sample : K3526-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

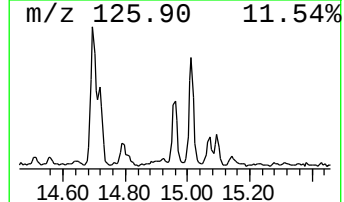
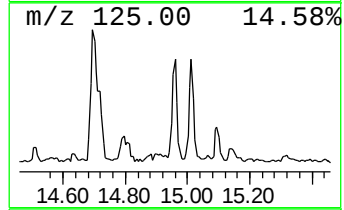
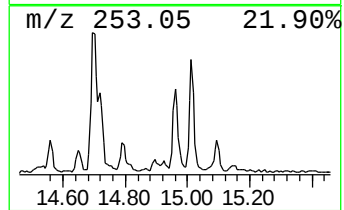
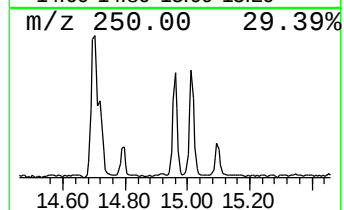
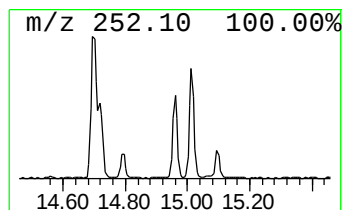
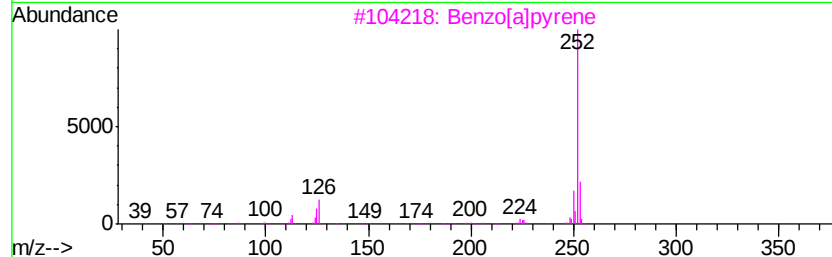
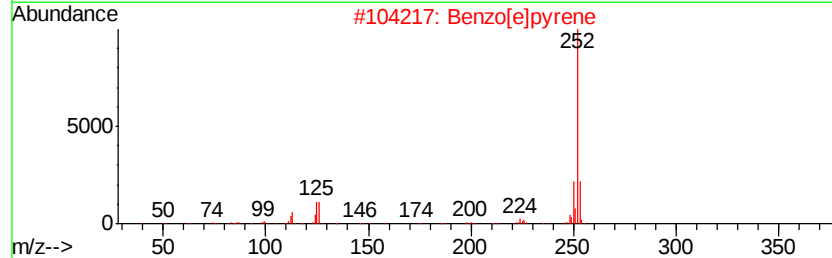
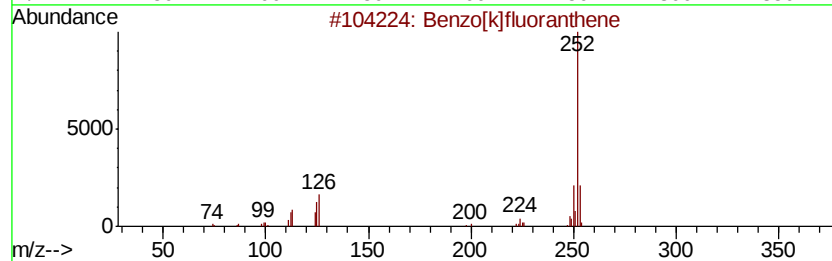
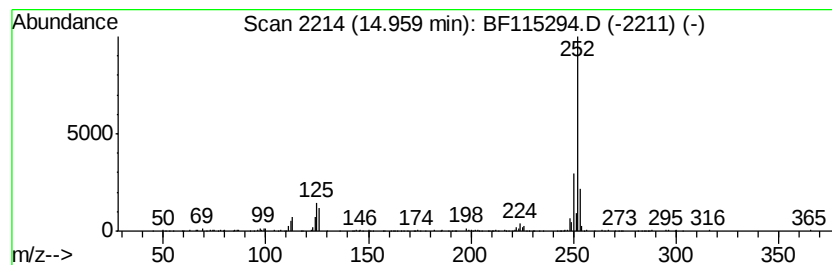
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.06 ng	202046	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benz[e]lancephenanthrylene	252	C20H12	000205-99-2	95
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115294.D
Acq On : 28 Jun 2019 21:03
Operator : HP/JU
Sample : K3526-08
Misc :
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Instrument :
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ClientSampleId :
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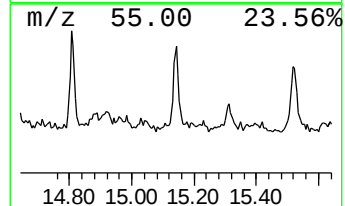
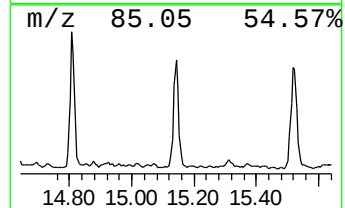
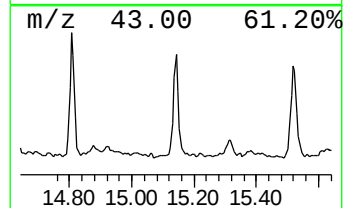
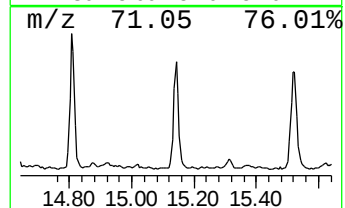
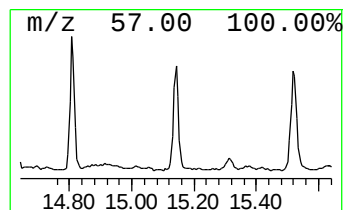
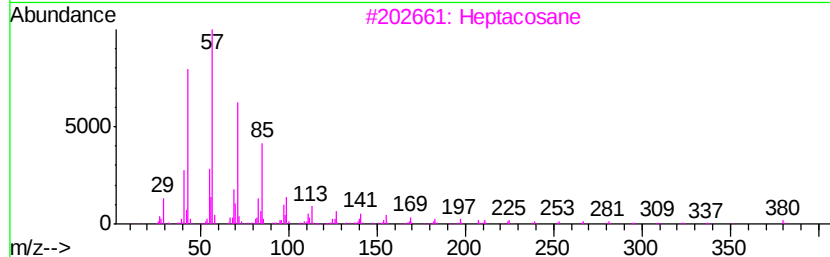
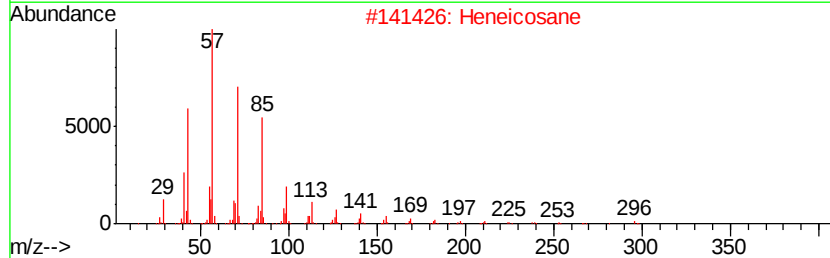
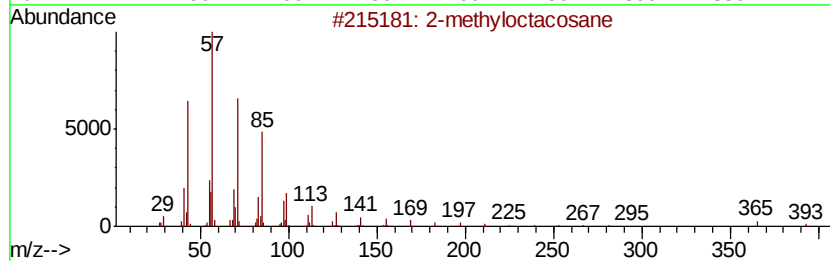
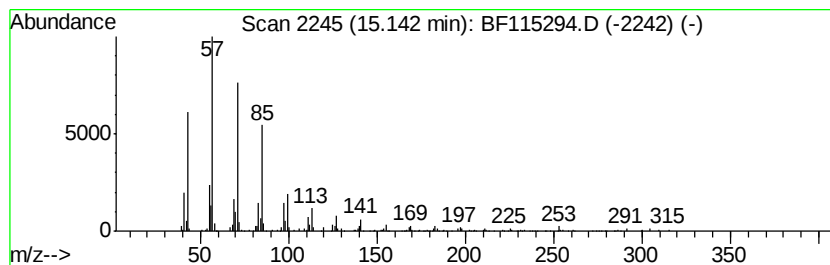
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.06 ng	299976	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115294.D
Acq On : 28 Jun 2019 21:03
Operator : HP/JU
Sample : K3526-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

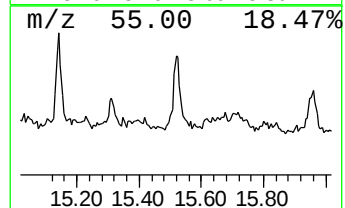
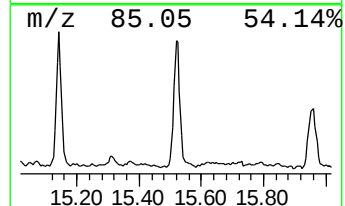
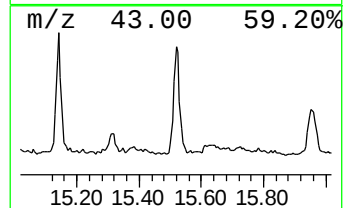
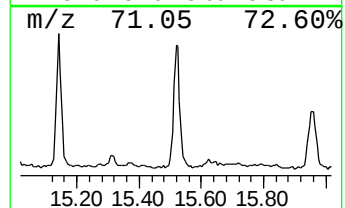
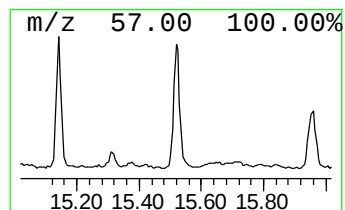
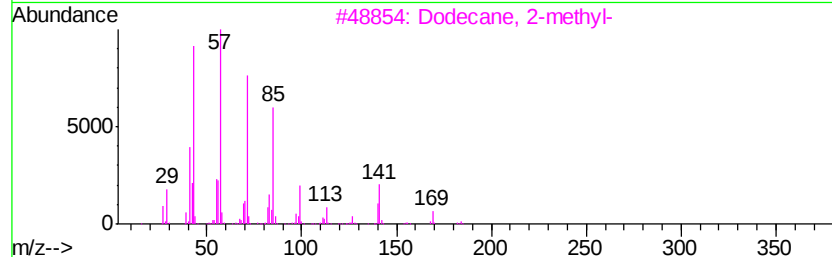
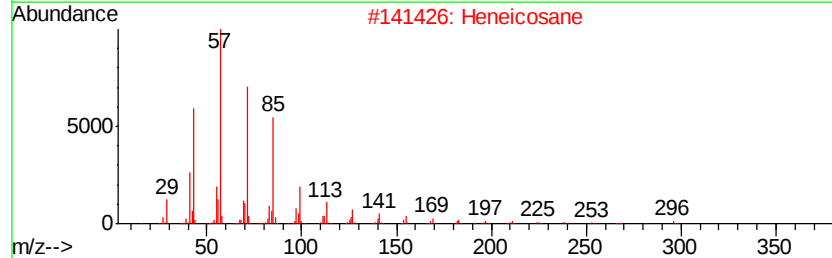
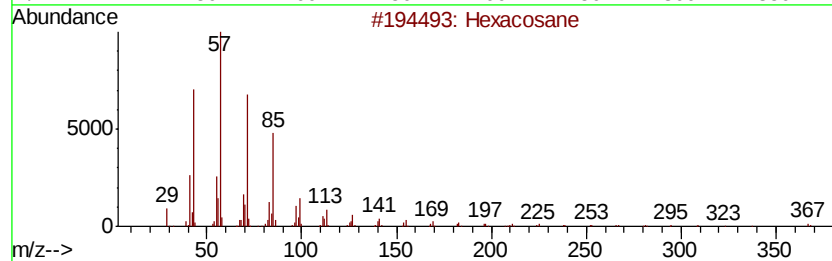
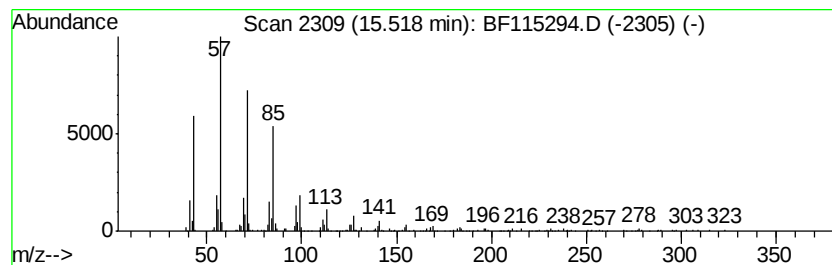
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.27 ng	320265	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
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Operator : HP/JU
Sample : K3526-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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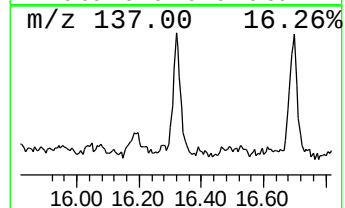
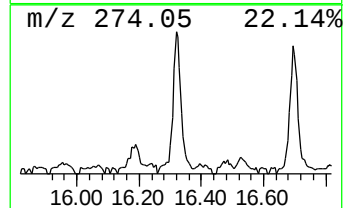
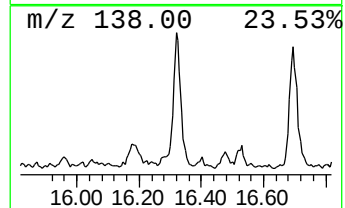
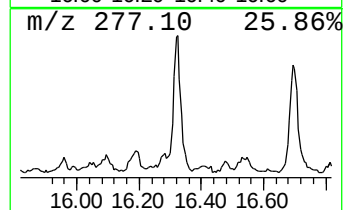
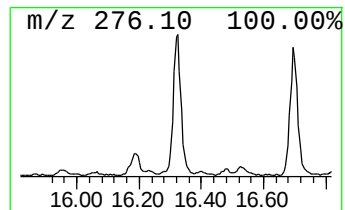
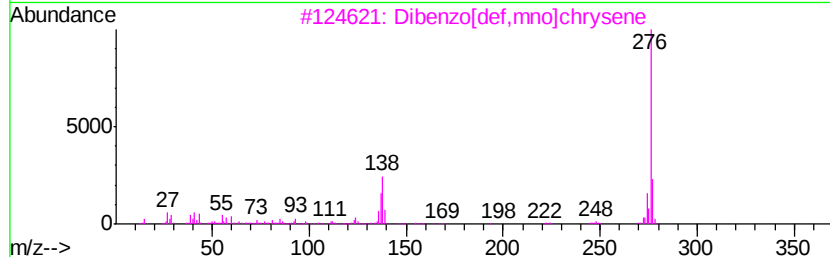
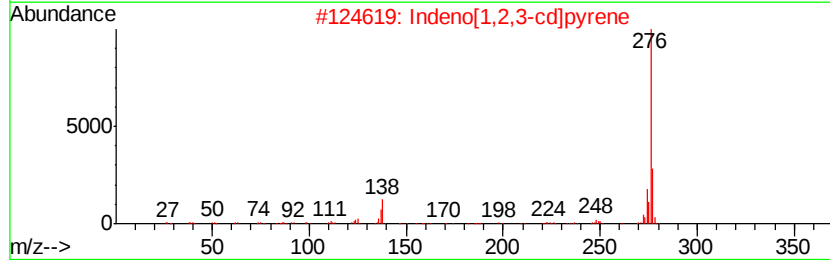
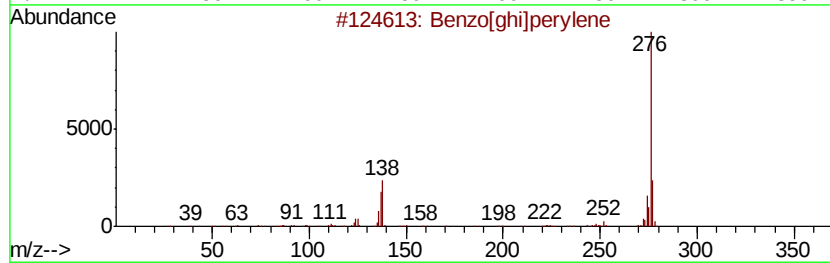
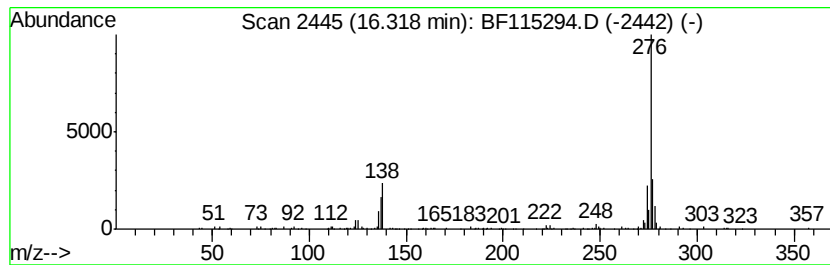
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.33 ng	228942	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	92
3		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	81
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	59
5		Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
Data File : BF115294.D
Acq On : 28 Jun 2019 21:03
Operator : HP/JU
Sample : K3526-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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	11.64	3.5	ng	394313	4	11.10	2219900	20.0
Heneicosane	14.51	2.3	ng	226642	6	15.07	1961220	20.0
Squalene	14.58	3.3	ng	322711	6	15.07	1961220	20.0
Hexacosane	14.81	3.5	ng	341177	6	15.07	1961220	20.0
Benzo[e]pyrene	14.96	2.1	ng	202046	6	15.07	1961220	20.0
2-methyloctacosane	15.14	3.1	ng	299976	6	15.07	1961220	20.0
Dodecane, 2-methyl-	15.52	3.3	ng	320265	6	15.07	1961220	20.0
Dibenzo[def,mno]c...	16.32	2.3	ng	228942	6	15.07	1961220	20.0