

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113065.D
 Acq On : 15 Mar 2019 14:58
 Operator : JU/SJ
 Sample : K1911-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

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-BF022719.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	5.340	549	553	567	rBV	2926486	3000719	75.00%	7.819%
2	6.004	663	666	670	rBV	95986	89997	2.25%	0.235%
3	6.375	723	729	746	rBV	2940871	3241825	81.03%	8.448%
4	6.498	746	750	753	rBV	3574670	3186018	79.63%	8.302%
5	6.728	785	789	792	rBV	854314	732285	18.30%	1.908%
6	6.881	811	815	819	rBV	2648418	2441008	61.01%	6.361%
7	7.286	879	884	887	rBV	2265973	2061613	51.53%	5.372%
8	8.010	1003	1007	1026	rBV	912414	995812	24.89%	2.595%
9	8.963	1166	1169	1173	rBV	63368	55811	1.39%	0.145%
10	9.080	1185	1189	1198	rBV	3586063	3827733	95.67%	9.975%
11	9.145	1198	1200	1204	rVV2	50931	70915	1.77%	0.185%
12	9.204	1208	1210	1214	rVB	84048	69131	1.73%	0.180%
13	9.475	1251	1256	1265	rVB2	257538	322928	8.07%	0.842%
14	9.616	1276	1280	1283	rBV2	68114	63748	1.59%	0.166%
15	9.675	1287	1290	1293	rBV	92961	82029	2.05%	0.214%
16	9.739	1296	1301	1302	rVV	318980	321422	8.03%	0.838%
17	9.757	1302	1304	1308	rVV2	1207566	1092479	27.31%	2.847%
18	9.786	1308	1309	1318	rVB	108612	118116	2.95%	0.308%
19	9.886	1322	1326	1329	rBV	243406	198911	4.97%	0.518%
20	9.922	1329	1332	1336	rVB2	125271	134418	3.36%	0.350%
21	10.457	1419	1423	1429	rBV	120953	129188	3.23%	0.337%
22	10.545	1431	1438	1443	rBV	2800847	3044324	76.09%	7.933%
23	10.580	1443	1444	1450	rVB4	86100	80431	2.01%	0.210%
24	11.233	1551	1555	1558	rBV	1318404	1234054	30.84%	3.216%
25	11.257	1558	1559	1565	rVB	295265	197670	4.94%	0.515%
26	11.739	1637	1641	1643	rBV	47127	53614	1.34%	0.140%
27	11.774	1643	1647	1657	rVV2	588881	708609	17.71%	1.847%
28	11.845	1657	1659	1661	rVV	86906	88968	2.22%	0.232%
29	11.869	1661	1663	1669	rVB2	54596	63247	1.58%	0.165%
30	12.057	1692	1695	1700	rVB2	39002	46554	1.16%	0.121%
31	12.439	1757	1760	1765	rBV	402030	383223	9.58%	0.999%
32	12.551	1776	1779	1784	rBV2	127960	159729	3.99%	0.416%
33	12.668	1793	1799	1802	rBV	380758	386502	9.66%	1.007%
34	12.816	1820	1824	1828	rBV	4088763	4000840	100.00%	10.426%

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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	12.998	1852	1855	1857	rVB2	51254	41724	1.04%	0.109%
36	13.063	1863	1866	1868	rVB3	51647	49855	1.25%	0.130%
37	13.574	1950	1953	1956	rBV	97564	99716	2.49%	0.260%
38	13.610	1956	1959	1962	rVV3	38017	54218	1.36%	0.141%
39	13.721	1974	1978	1987	rVB2	500887	671317	16.78%	1.749%
40	13.863	1997	2002	2005	rBV	1319198	1471397	36.78%	3.834%
41	13.886	2005	2006	2012	rVB	193574	141813	3.54%	0.370%
42	14.039	2029	2032	2036	rBV	123242	138304	3.46%	0.360%
43	14.345	2081	2084	2086	rBV	143169	132662	3.32%	0.346%
44	14.639	2130	2134	2137	rBV	197456	198360	4.96%	0.517%
45	14.868	2170	2173	2176	rBV	139470	194002	4.85%	0.506%
46	14.951	2184	2187	2192	rVB	253037	300236	7.50%	0.782%
47	15.209	2227	2231	2236	rBV	108271	154078	3.85%	0.402%
48	15.268	2236	2241	2245	rVV	902133	1128362	28.20%	2.940%
49	15.304	2245	2247	2254	rVB	294675	376735	9.42%	0.982%
50	15.709	2312	2316	2321	rBV	227933	322441	8.06%	0.840%
51	16.174	2391	2395	2401	rBV	129810	215871	5.40%	0.563%

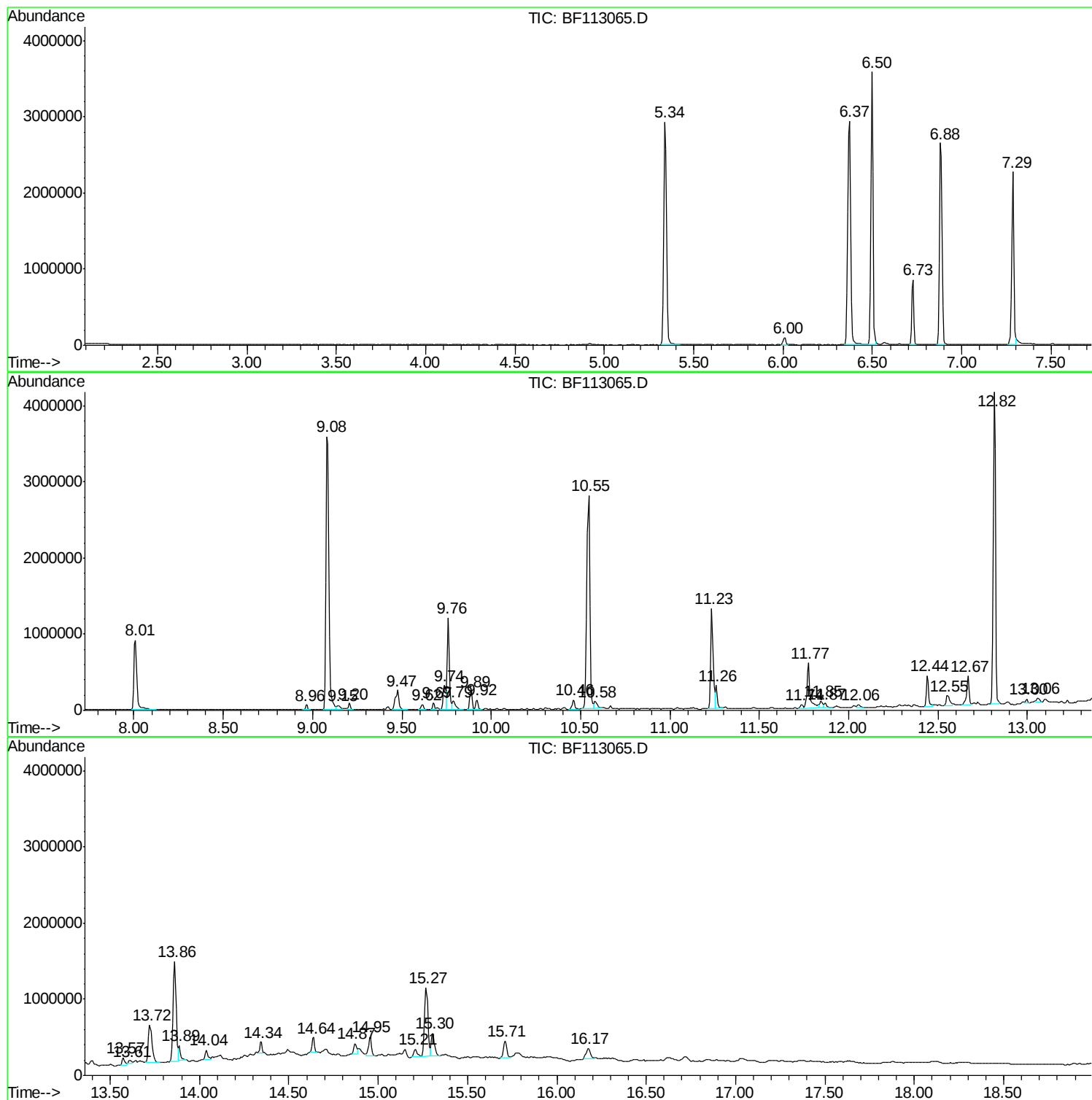
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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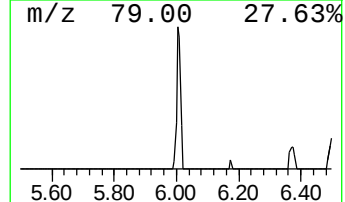
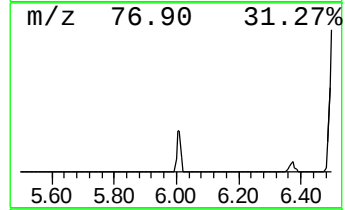
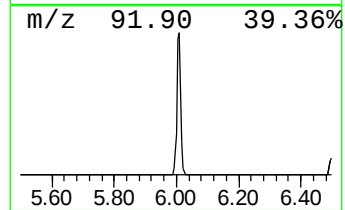
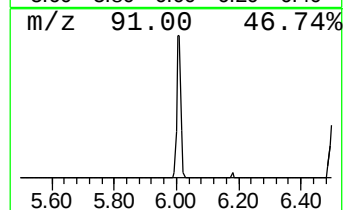
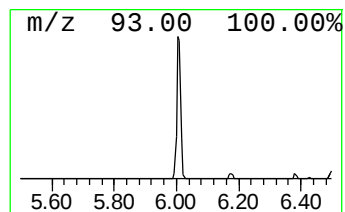
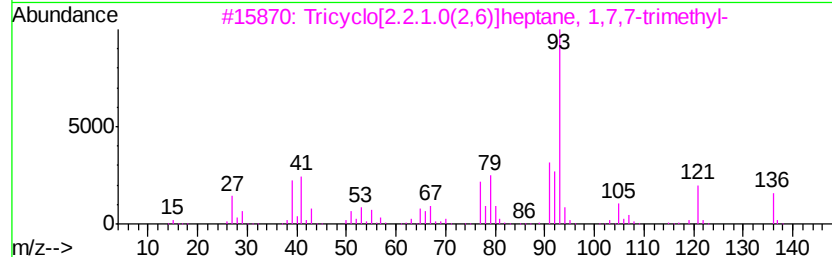
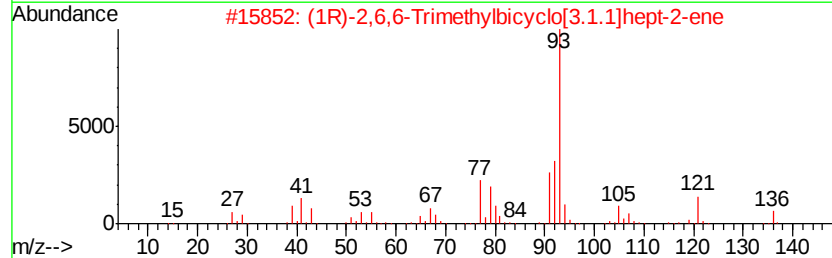
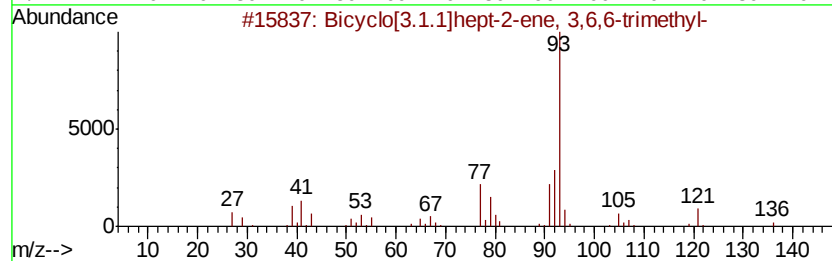
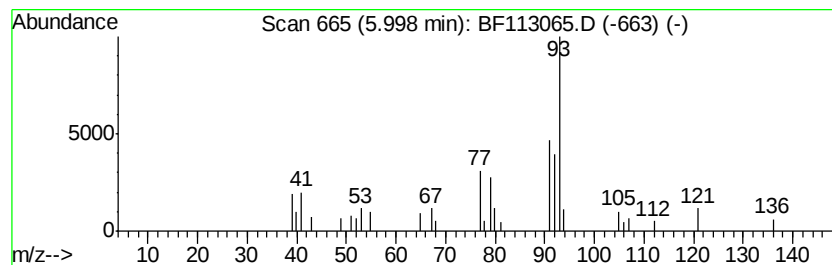
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	2.46 ng	89997	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94
2		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
3		Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	136	C10H16	000508-32-7	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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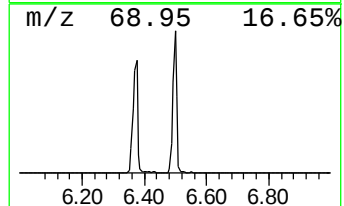
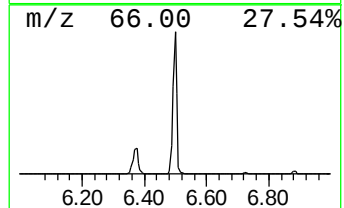
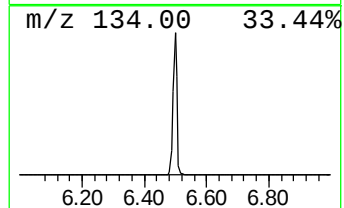
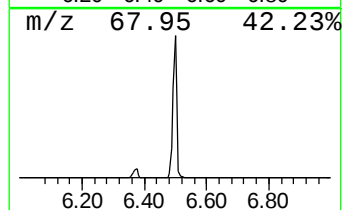
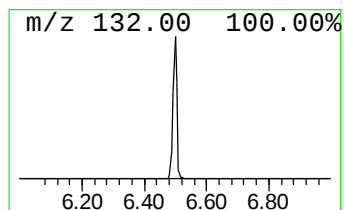
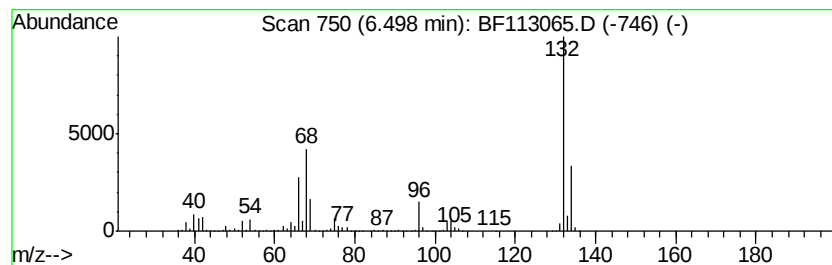
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	87.02 ng	3186020	1,4-Dichlorobenzene-d4	6.73

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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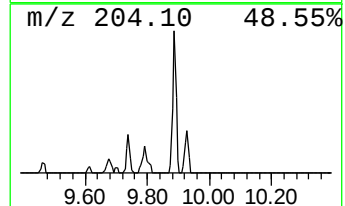
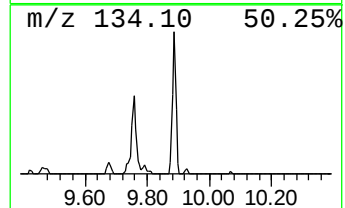
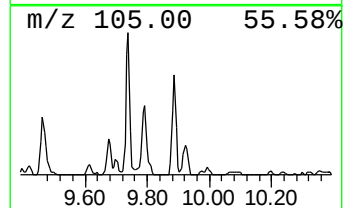
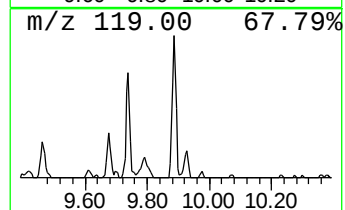
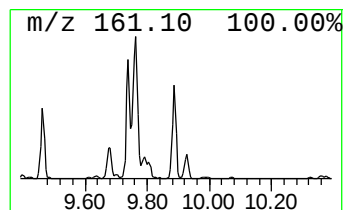
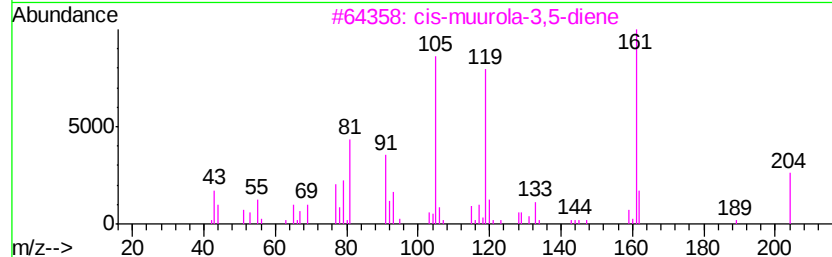
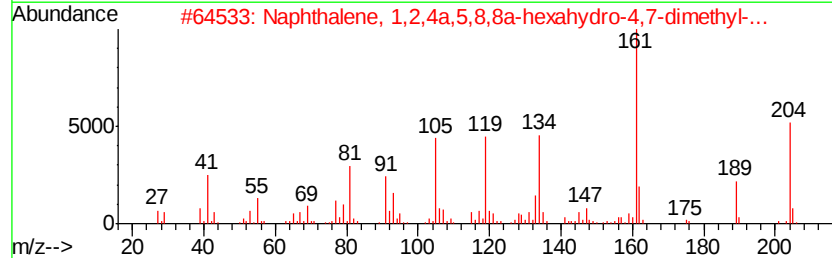
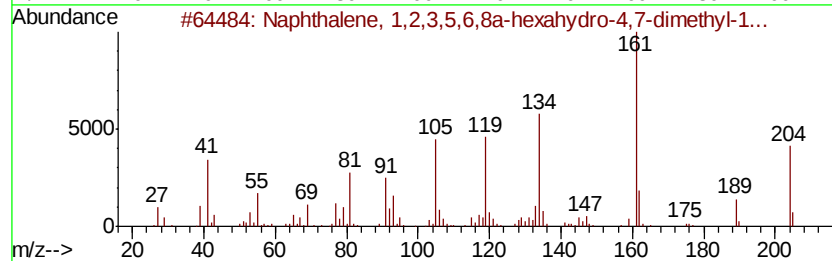
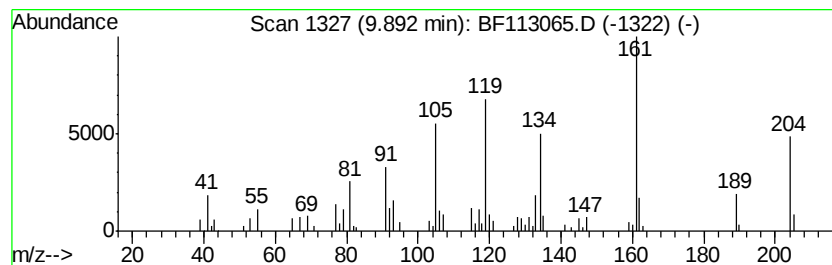
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.64 ng	198911	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	98
2		Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	91
3		cis-muurolo-3,5-diene	204	C15H24	1000365-95-4	89
4		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	83
5		.gamma.-Muurolene	204	C15H24	030021-74-0	76



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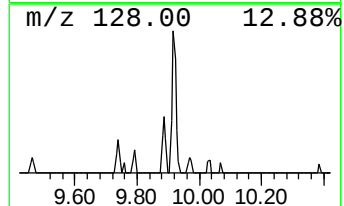
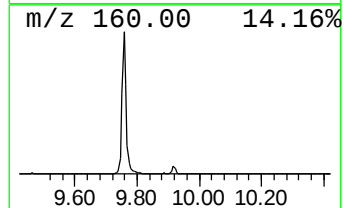
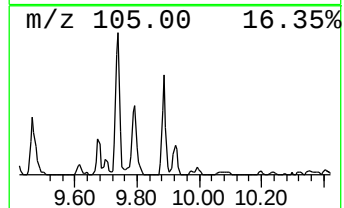
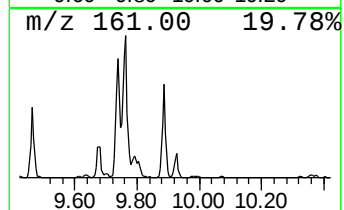
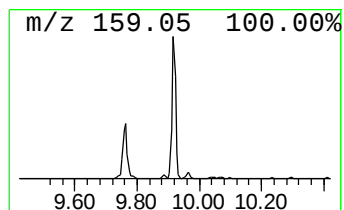
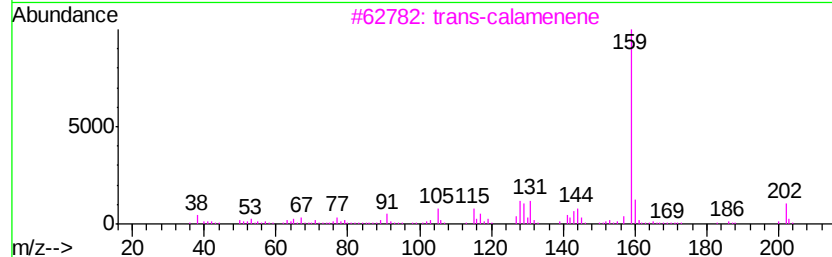
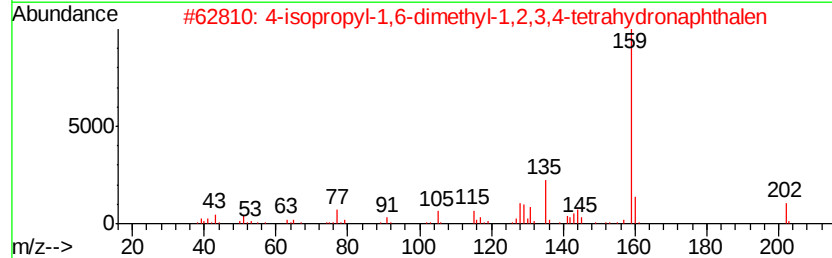
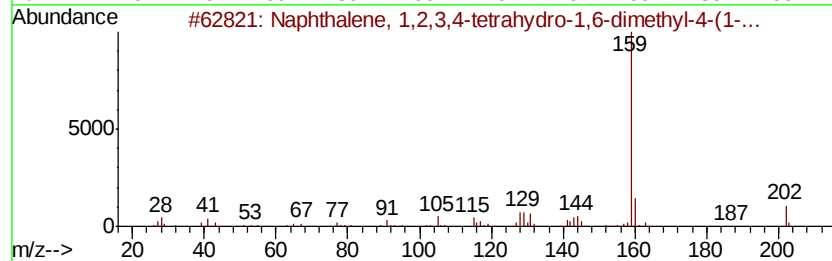
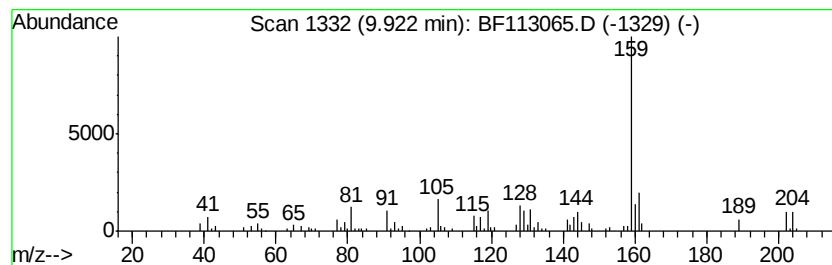
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.46 ng	134418	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	96
2		4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	96
3		trans-calamenene	202	C15H22	1000374-17-3	90
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	58



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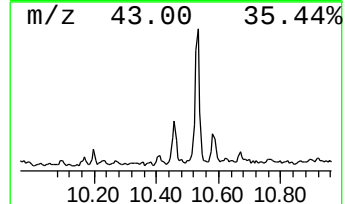
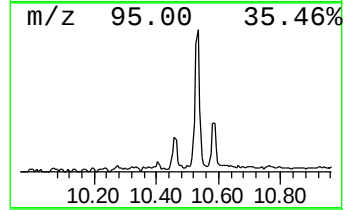
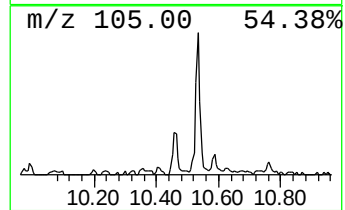
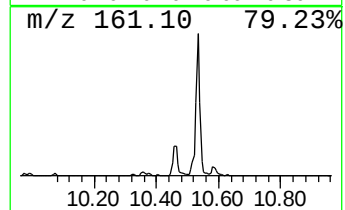
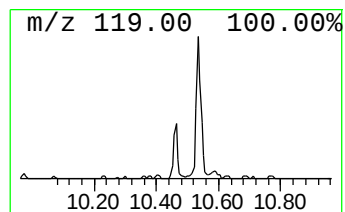
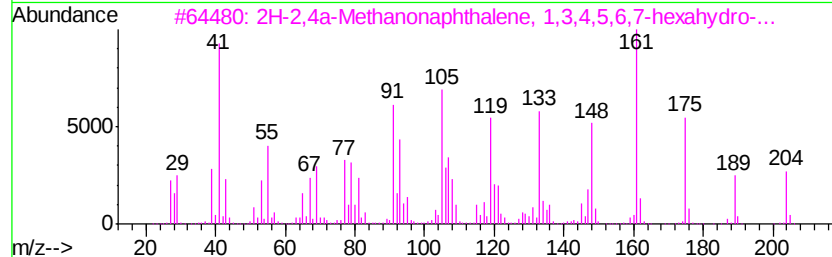
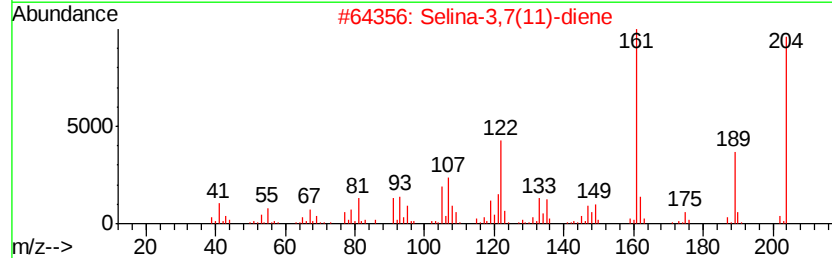
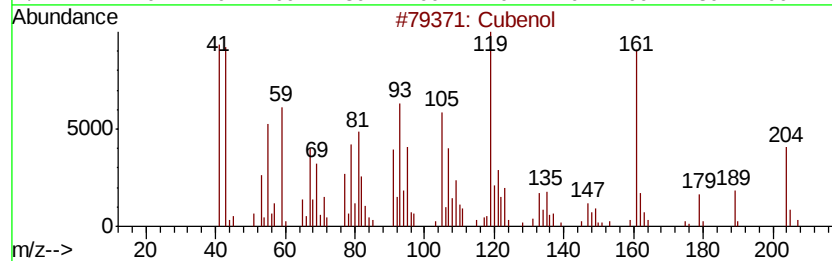
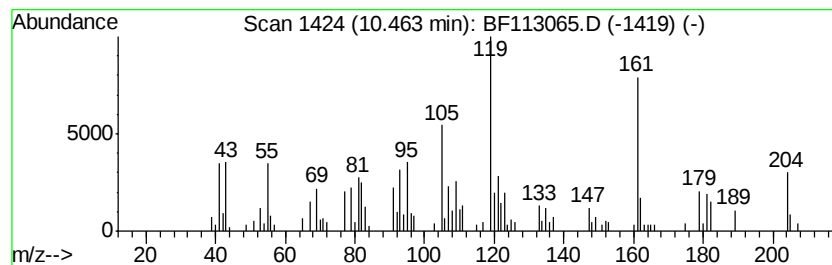
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cubenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.46	2.37 ng	129188	Acenaphthene-d10		9.76	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cubenol	222	C15H26O	021284-22-0	81
2		Selina-3,7(11)-diene	204	C15H24	006813-21-4	52
3		2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	50
4		.alfa.-Copaene	204	C15H24	1000360-33-0	49
5		cis-muurola-3,5-diene	204	C15H24	1000365-95-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113065.D
 Acq On : 15 Mar 2019 14:58
 Operator : JU/SJ
 Sample : K1911-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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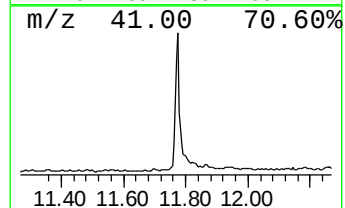
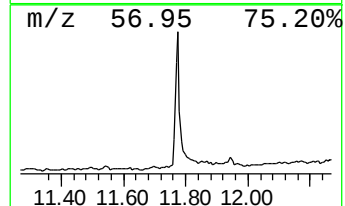
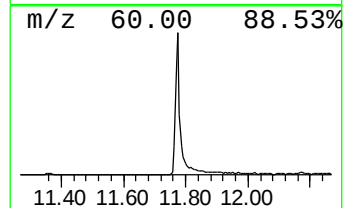
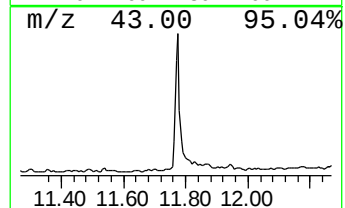
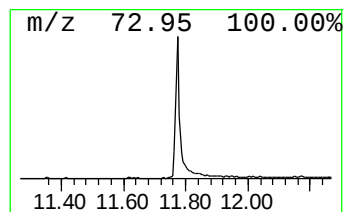
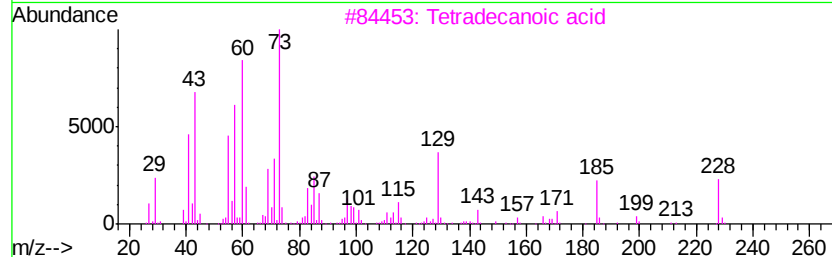
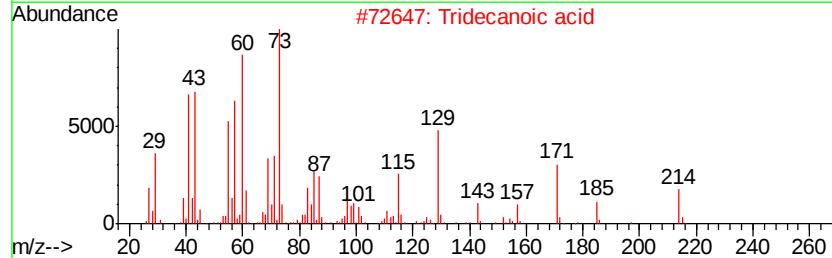
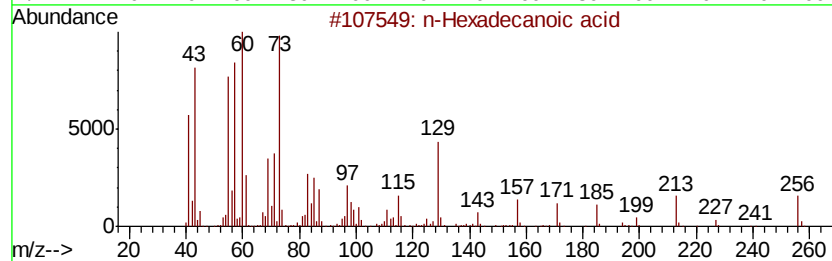
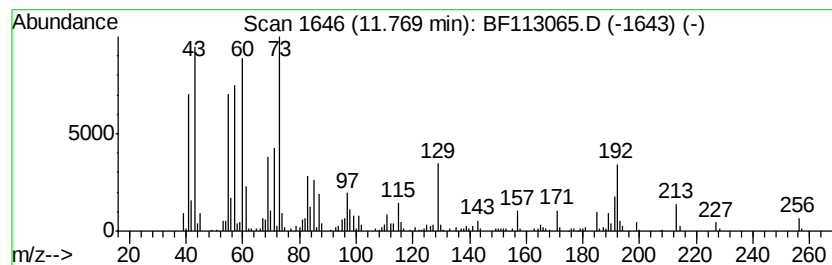
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.48 ng	708609	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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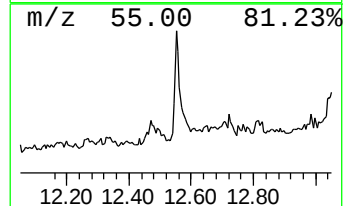
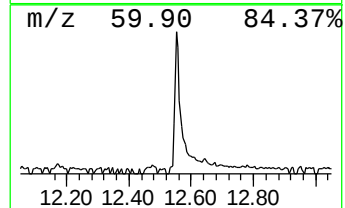
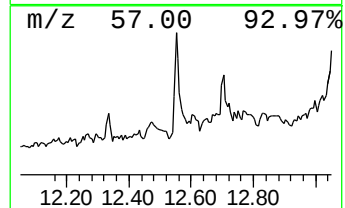
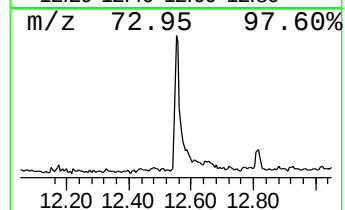
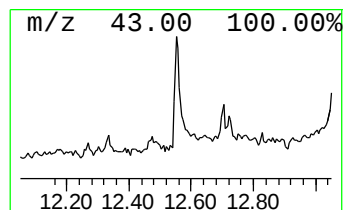
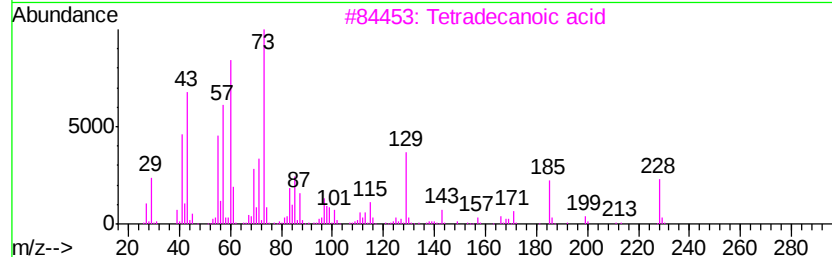
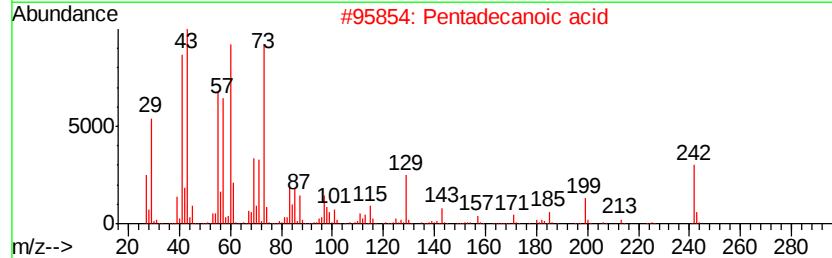
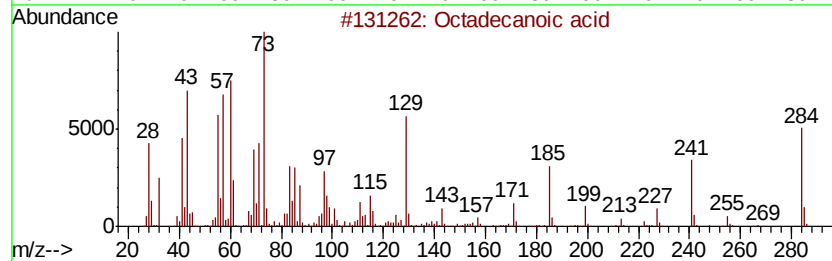
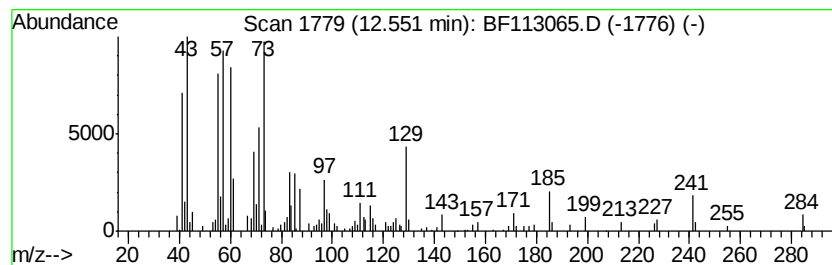
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.55	2.17 ng	159729	Chrysene-d12		13.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113065.D
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Sample : K1911-01
Misc :
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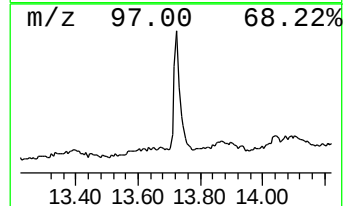
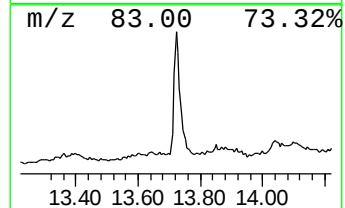
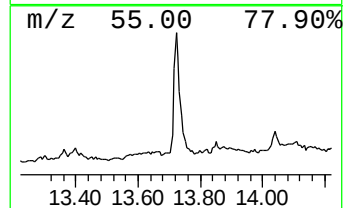
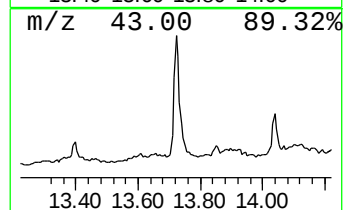
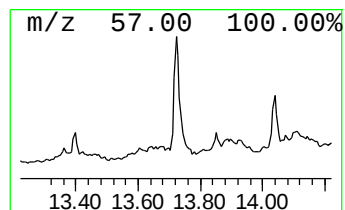
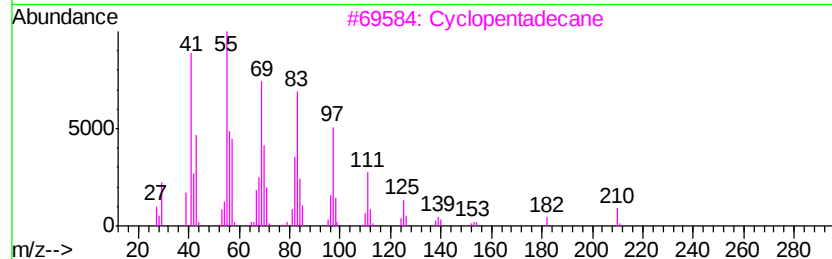
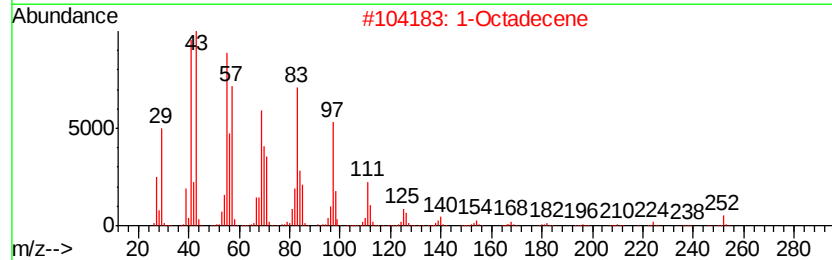
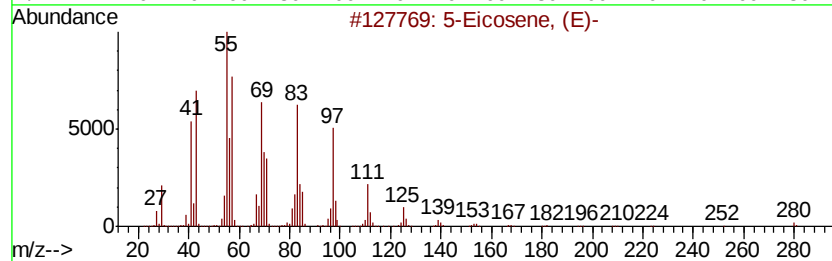
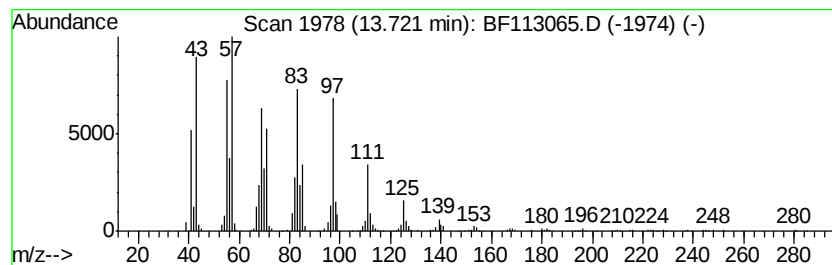
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	9.12 ng	671317	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		1-Octadecene	252	C18H36	000112-88-9	94
3		Cyclopentadecane	210	C15H30	000295-48-7	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113065.D
Acq On : 15 Mar 2019 14:58
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Misc :
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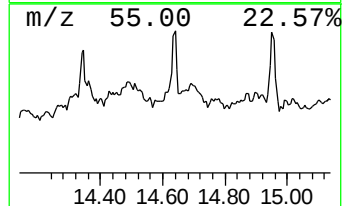
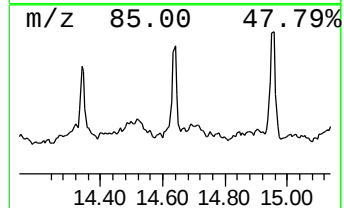
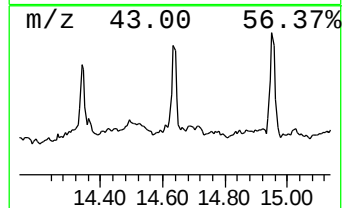
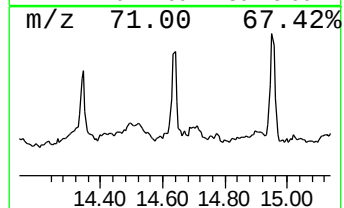
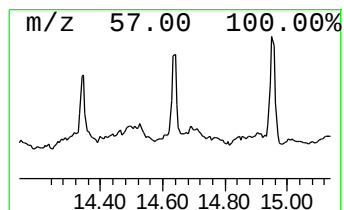
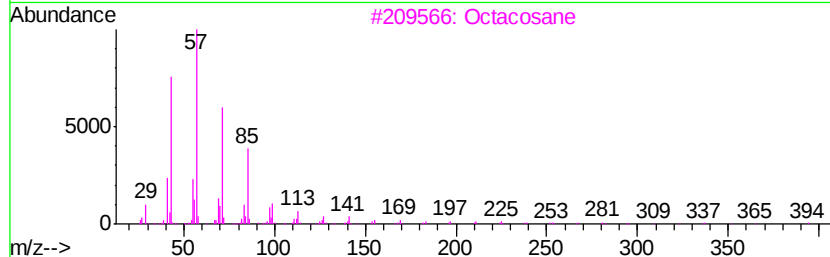
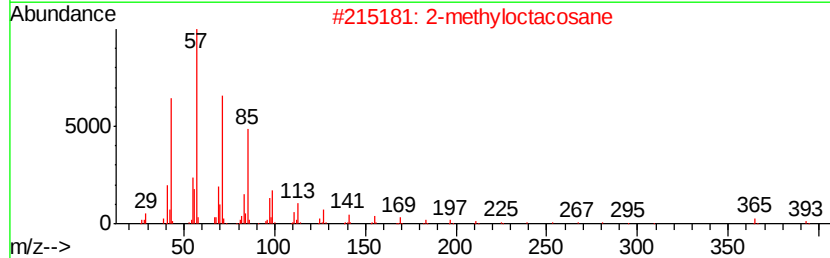
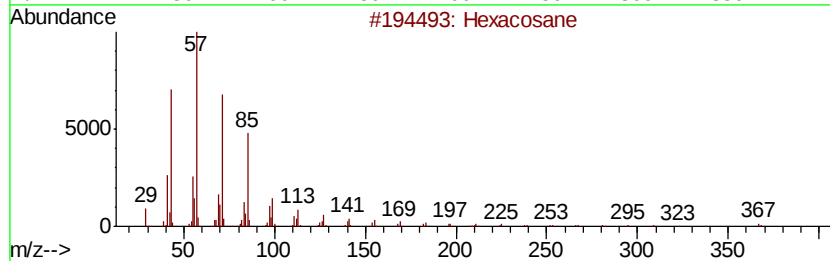
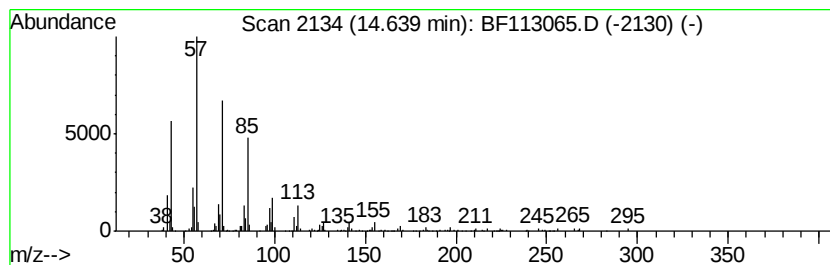
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.52 ng	198360	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Octacosane	394	C28H58	000630-02-4	87
4			Pentadecane, 3-methyl-	226	C16H34	002882-96-4	87
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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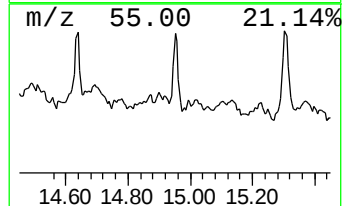
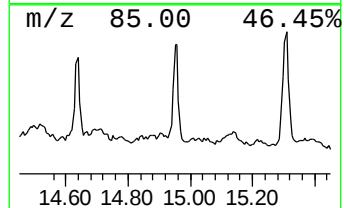
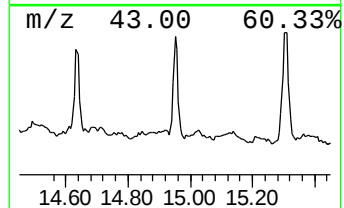
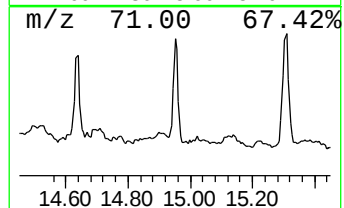
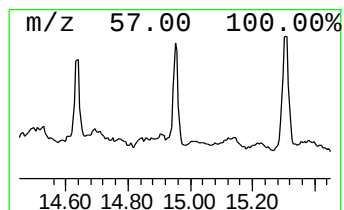
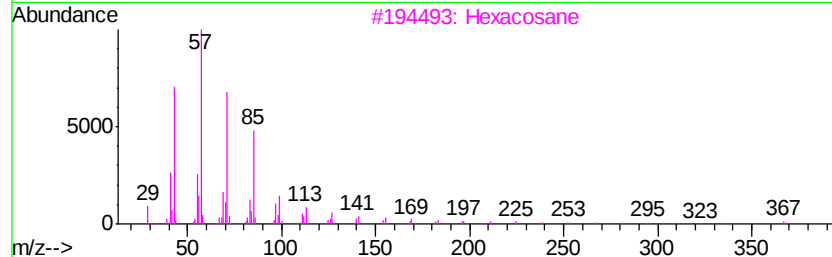
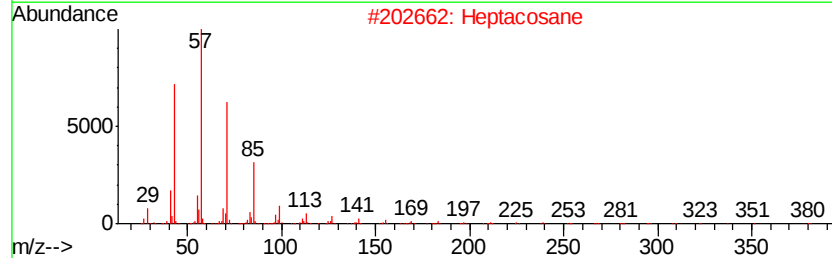
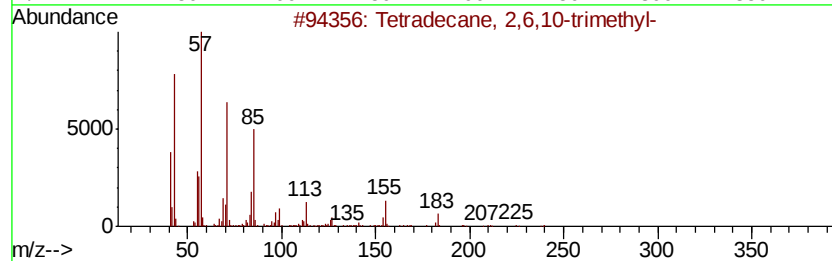
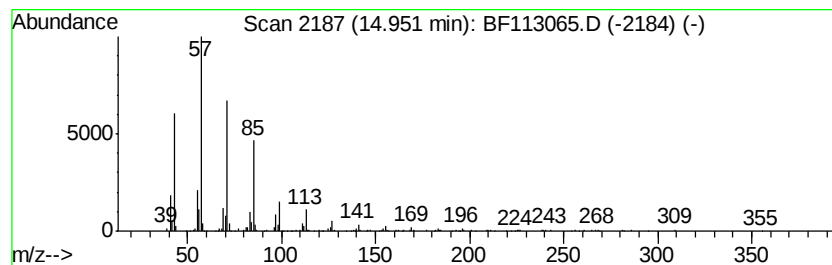
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	5.32 ng	300236	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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Acq On : 15 Mar 2019 14:58
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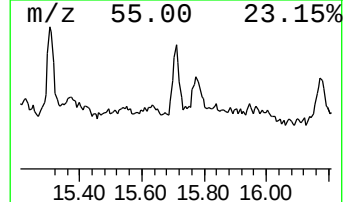
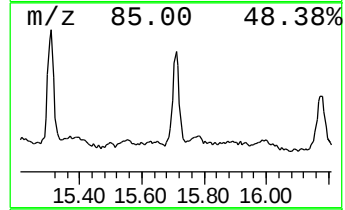
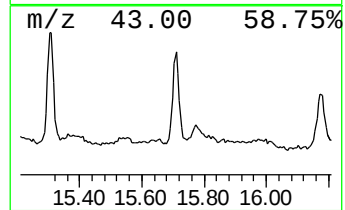
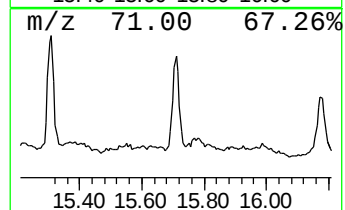
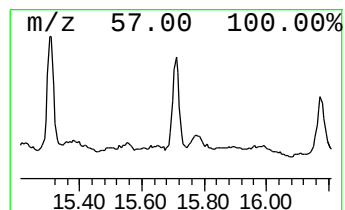
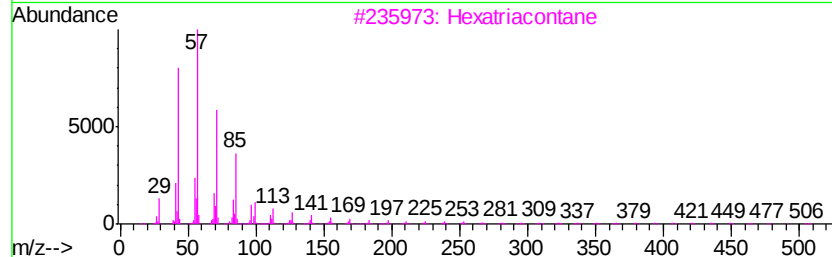
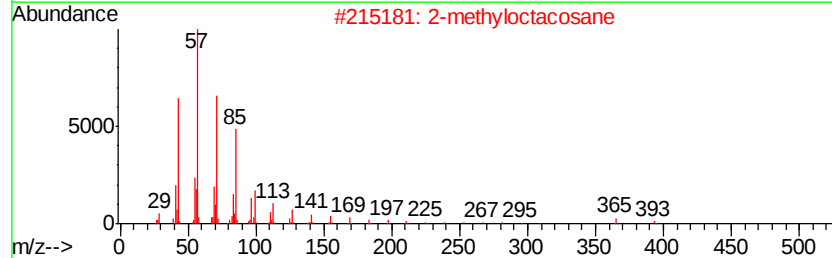
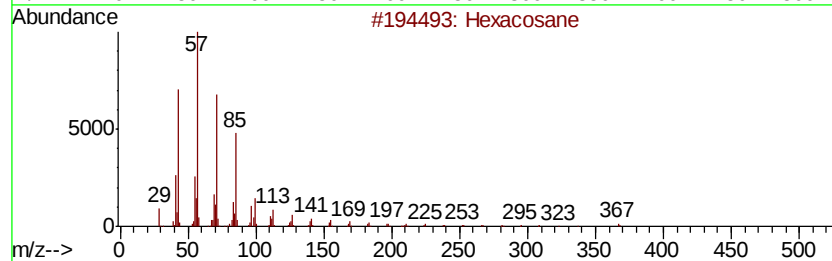
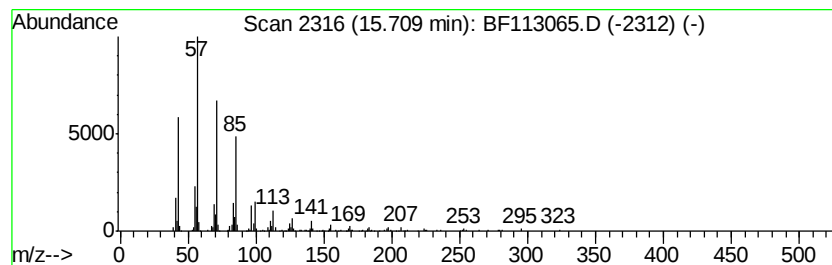
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.72 ng	322441	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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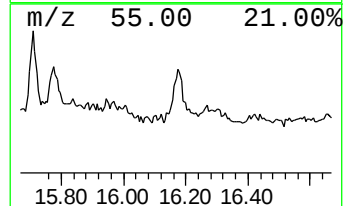
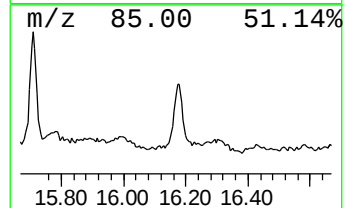
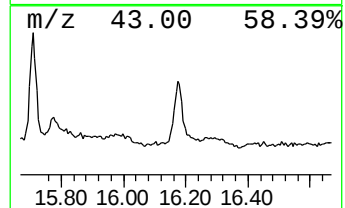
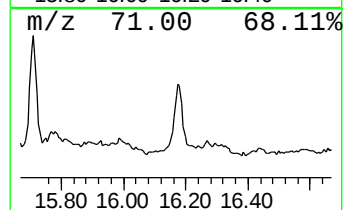
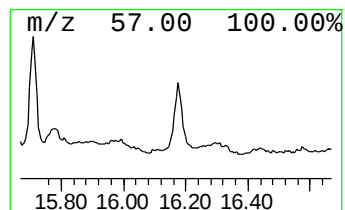
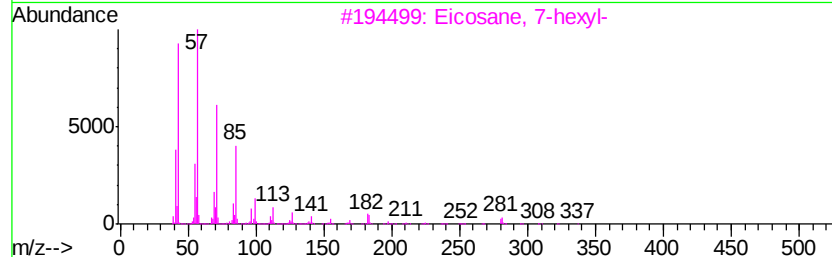
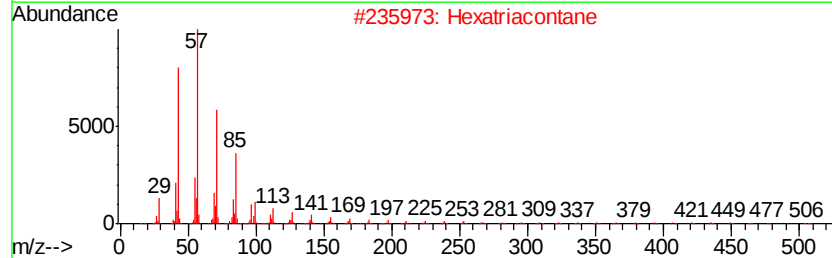
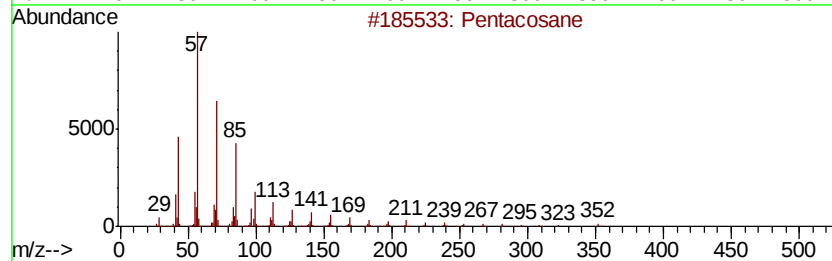
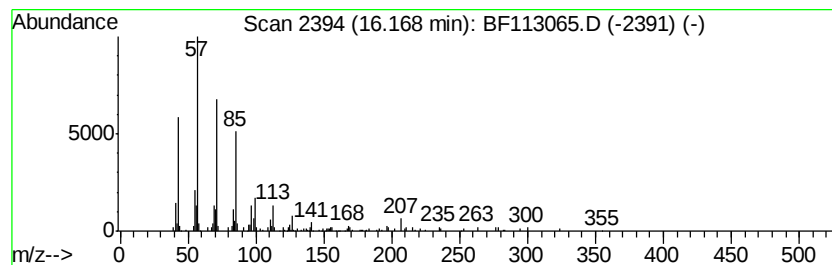
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.83 ng	215871	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113065.D
 Acq On : 15 Mar 2019 14:58
 Operator : JU/SJ
 Sample : K1911-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
Bicyclo[3.1.1]hep...	6.00	2.5	ng	89997	1	6.73	732285	20.0
unknown6.50	6.50	87.0	ng	3186020	1	6.73	732285	20.0
Naphthalene, 1,2,...	9.89	3.6	ng	198911	3	9.76	1092480	20.0
Naphthalene, 1,2,...	9.92	2.5	ng	134418	3	9.76	1092480	20.0
Cubenol	10.46	2.4	ng	129188	3	9.76	1092480	20.0
n-Hexadecanoic acid	11.77	11.5	ng	708609	4	11.23	1234050	20.0
Octadecanoic acid	12.55	2.2	ng	159729	5	13.86	1471400	20.0
5-Eicosene, (E)-	13.72	9.1	ng	671317	5	13.86	1471400	20.0
Hexacosane	14.64	3.5	ng	198360	6	15.27	1128360	20.0
Tetradecane, 2,6,...	14.95	5.3	ng	300236	6	15.27	1128360	20.0
unknown15.71	15.71	5.7	ng	322441	6	15.27	1128360	20.0
Pentacosane	16.17	3.8	ng	215871	6	15.27	1128360	20.0