

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114209.D
 Acq On : 12 May 2019 22:34
 Operator : JU/SJ
 Sample : K2767-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-1218-01

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-BF051019.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	2.122	3	6	23	rVB	1217945	1607264	18.00%	1.644%
2	3.922	307	312	318	rVB	153978	205720	2.30%	0.210%
3	5.487	574	578	591	rVB	4988491	5264541	58.96%	5.386%
4	6.498	742	750	753	rBV	5341762	5488464	61.47%	5.615%
5	6.628	768	772	776	rBV	5686319	5430096	60.81%	5.555%
6	6.851	807	810	814	rBV	1812497	1516080	16.98%	1.551%
7	7.010	833	837	840	rBV	4604914	3922011	43.92%	4.013%
8	7.416	901	906	909	rBV	3901037	3580830	40.10%	3.663%
9	8.133	1024	1028	1032	rBV	2292546	1844467	20.66%	1.887%
10	9.204	1206	1210	1214	rBV	5310676	4968922	55.65%	5.084%
11	9.298	1221	1226	1232	rVV5	105037	164644	1.84%	0.168%
12	9.351	1232	1235	1243	rVB2	110526	133515	1.50%	0.137%
13	9.598	1274	1277	1286	rVB	1213210	1144534	12.82%	1.171%
14	9.886	1322	1326	1330	rBV	2366637	2004178	22.45%	2.050%
15	10.051	1351	1354	1358	rBV	160455	146482	1.64%	0.150%
16	10.674	1456	1460	1470	rBV	3178088	2970922	33.27%	3.039%
17	10.916	1497	1501	1507	rVB	204585	186772	2.09%	0.191%
18	11.033	1517	1521	1525	rBV2	258952	291428	3.26%	0.298%
19	11.074	1525	1528	1531	rVB2	106933	102050	1.14%	0.104%
20	11.374	1575	1579	1582	rVV	2001948	1891331	21.18%	1.935%
21	11.421	1582	1587	1591	rVV3	249365	354199	3.97%	0.362%
22	11.474	1593	1596	1599	rVV4	102947	121968	1.37%	0.125%
23	11.527	1602	1605	1609	rVV	94933	103136	1.16%	0.106%
24	11.592	1613	1616	1620	rVV2	131371	150731	1.69%	0.154%
25	11.821	1652	1655	1659	rBV2	117706	144651	1.62%	0.148%
26	11.898	1664	1668	1676	rVV	1361174	1448553	16.22%	1.482%
27	11.986	1680	1683	1686	rVB	107062	95977	1.07%	0.098%
28	12.068	1695	1697	1703	rVB2	88760	95518	1.07%	0.098%
29	12.410	1752	1755	1758	rBV2	110472	121724	1.36%	0.125%
30	12.457	1760	1763	1765	rVV	275439	231918	2.60%	0.237%
31	12.498	1765	1770	1778	rVB3	369134	496989	5.57%	0.508%
32	12.633	1790	1793	1798	rVB	364304	320390	3.59%	0.328%
33	12.680	1798	1801	1805	rBV	487630	439605	4.92%	0.450%
34	12.951	1843	1847	1854	rVB	3694274	3843677	43.05%	3.932%

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35	13.045	1861	1863	1866	rBV	192538	167603	1.88%	0.171%
36	13.074	1866	1868	1873	rVB3	87806	118006	1.32%	0.121%
37	13.139	1876	1879	1881	rBV	579578	565462	6.33%	0.579%
38	13.157	1881	1882	1884	rVV	574612	437538	4.90%	0.448%
39	13.180	1884	1886	1890	rVB	716853	673381	7.54%	0.689%
40	13.327	1908	1911	1914	rBV	616538	535342	6.00%	0.548%
41	13.362	1914	1917	1921	rBV4	161296	194579	2.18%	0.199%
42	13.398	1921	1923	1926	rVV	158133	168573	1.89%	0.172%
43	13.433	1926	1929	1938	rVB5	316660	464103	5.20%	0.475%
44	13.527	1943	1945	1946	rVV	307157	278143	3.11%	0.285%
45	13.545	1946	1948	1952	rVB	340424	299848	3.36%	0.307%
46	13.645	1962	1965	1970	rVB2	516321	486641	5.45%	0.498%
47	13.692	1970	1973	1977	rVB2	150631	130892	1.47%	0.134%
48	13.845	1994	1999	2007	rBV2	4587520	6504652	72.85%	6.655%
49	13.904	2007	2009	2013	rVB2	186293	200957	2.25%	0.206%
50	13.974	2018	2021	2024	rBV2	168270	200631	2.25%	0.205%
51	14.009	2024	2027	2030	rBV	1627743	1451760	16.26%	1.485%
52	14.039	2030	2032	2035	rVB	501005	387913	4.34%	0.397%
53	14.068	2035	2037	2041	rBV	287871	257413	2.88%	0.263%
54	14.110	2042	2044	2049	rVB	211938	197486	2.21%	0.202%
55	14.168	2051	2054	2056	rBV	545429	592418	6.63%	0.606%
56	14.257	2066	2069	2072	rBV2	253143	251549	2.82%	0.257%
57	14.292	2072	2075	2082	rVB2	485776	508584	5.70%	0.520%
58	14.480	2103	2107	2114	rBV	6670637	8929173	100.00%	9.135%
59	14.598	2125	2127	2130	rVB	173265	123758	1.39%	0.127%
60	14.692	2140	2143	2145	rBV	353118	390386	4.37%	0.399%
61	14.780	2152	2158	2159	rBV2	414126	632295	7.08%	0.647%
62	14.804	2159	2162	2167	rVV2	558594	752499	8.43%	0.770%
63	14.851	2167	2170	2174	rVB	830532	871853	9.76%	0.892%
64	14.921	2179	2182	2185	rBV	755794	827356	9.27%	0.846%
65	15.115	2211	2215	2217	rBV	1677477	1969687	22.06%	2.015%
66	15.145	2217	2220	2226	rVV	1849701	2612154	29.25%	2.672%
67	15.198	2226	2229	2236	rVB	438741	549872	6.16%	0.563%
68	15.286	2241	2244	2247	rVB	233188	271031	3.04%	0.277%
69	15.480	2273	2277	2283	rBV2	1163663	1835818	20.56%	1.878%
70	15.533	2283	2286	2290	rVV3	203678	280009	3.14%	0.286%
71	15.692	2309	2313	2317	rBV	824030	1188126	13.31%	1.216%

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72	15.927	2348	2353	2358	rBV	1035312	1457631	16.32%	1.491%
73	15.980	2358	2362	2368	rVV	734466	1189445	13.32%	1.217%
74	16.051	2370	2374	2378	rVB	575980	826012	9.25%	0.845%
75	16.103	2379	2383	2389	rVB3	280246	495391	5.55%	0.507%
76	16.168	2391	2394	2397	rBV	218556	312477	3.50%	0.320%
77	16.721	2483	2488	2496	rVB	643648	1182148	13.24%	1.209%
78	17.203	2565	2570	2575	rBV2	470598	941913	10.55%	0.964%
79	17.268	2576	2581	2592	rVB2	631719	1357314	15.20%	1.389%
80	17.609	2633	2639	2649	rVB3	756395	1791969	20.07%	1.833%
81	18.056	2710	2715	2725	rVB2	447706	1049664	11.76%	1.074%

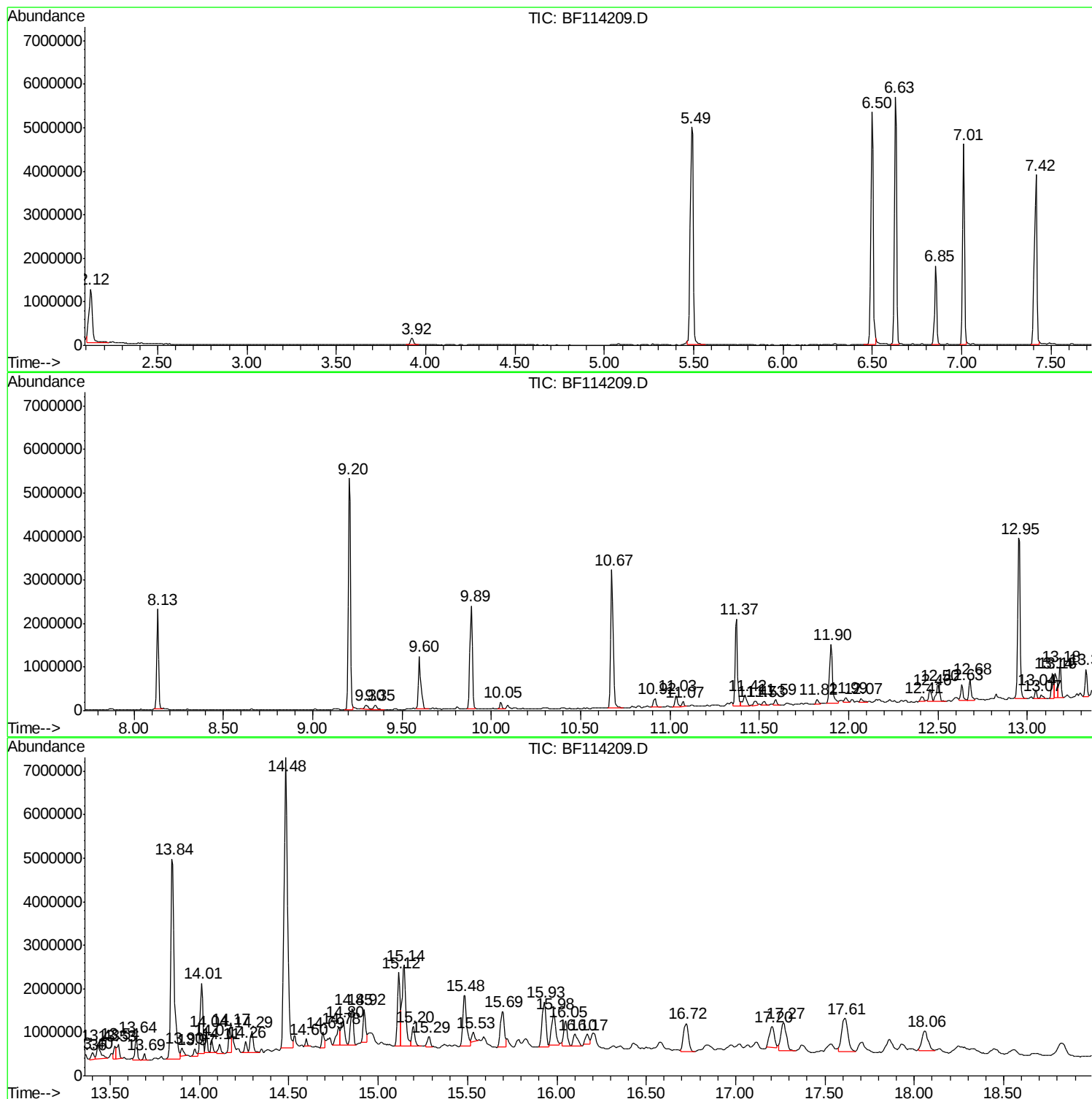
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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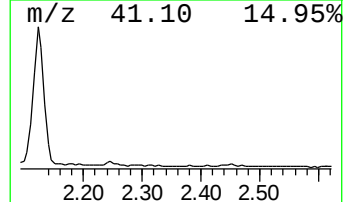
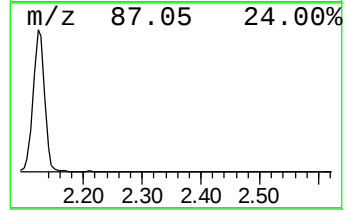
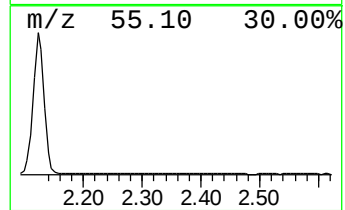
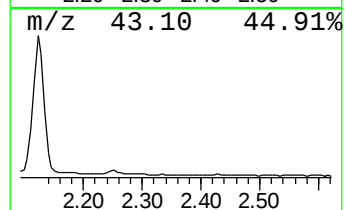
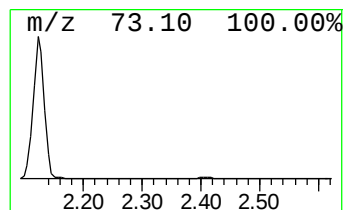
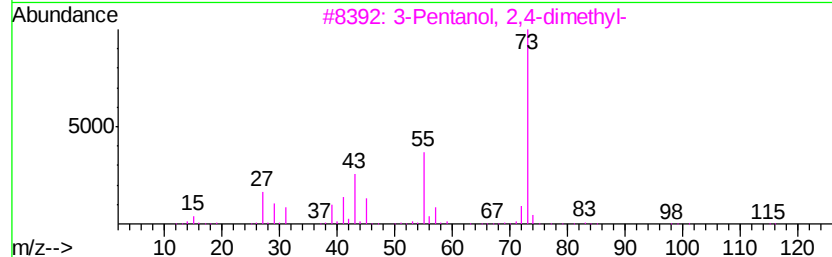
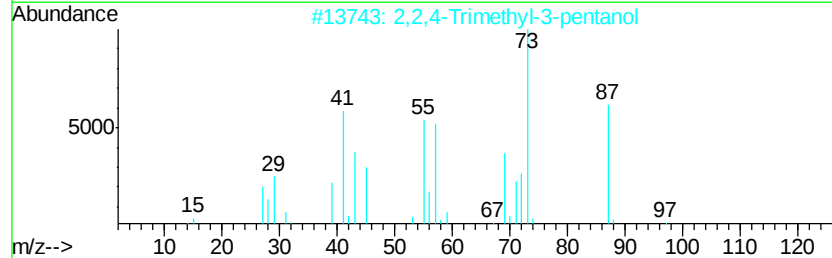
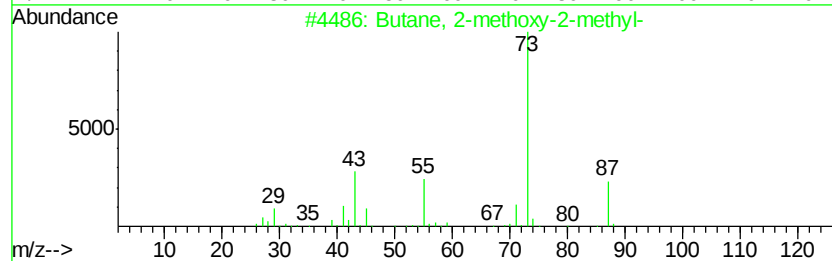
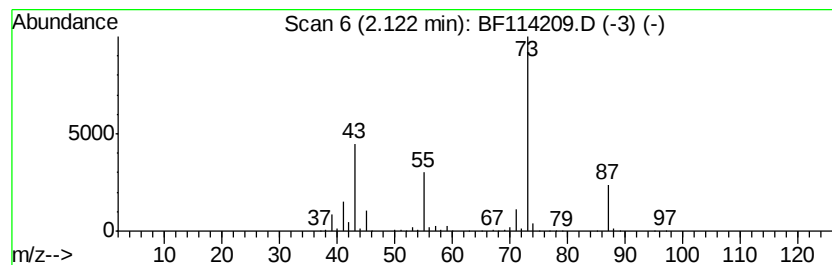
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	21.20 ng	1607260	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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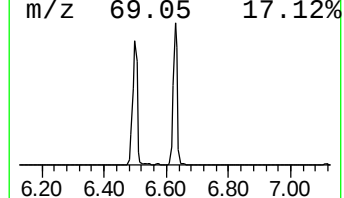
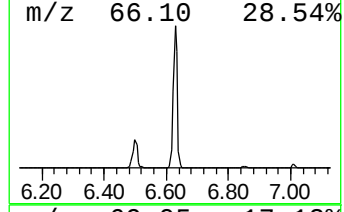
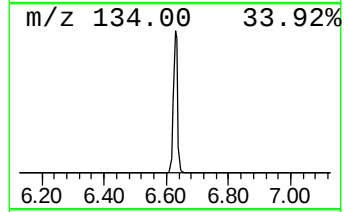
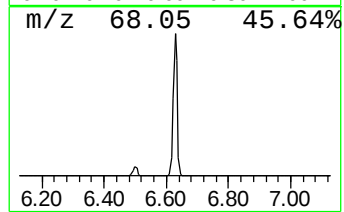
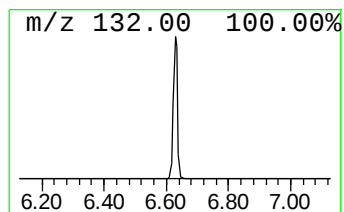
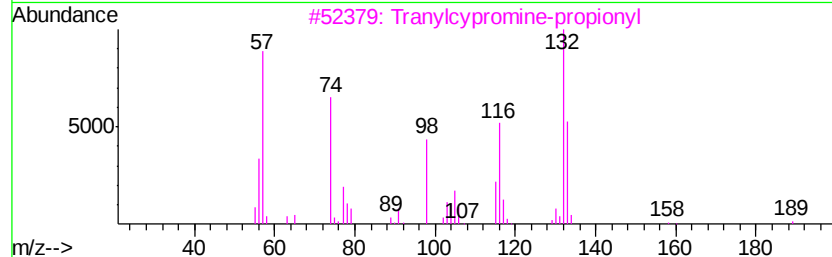
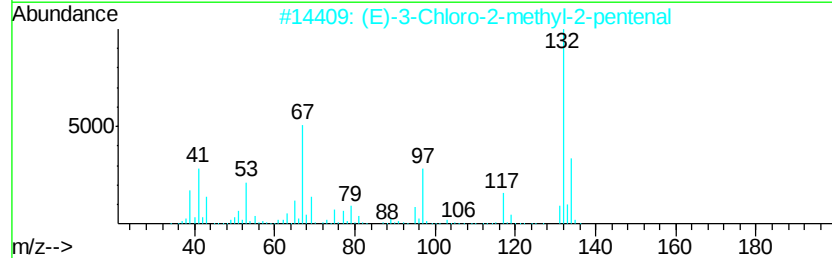
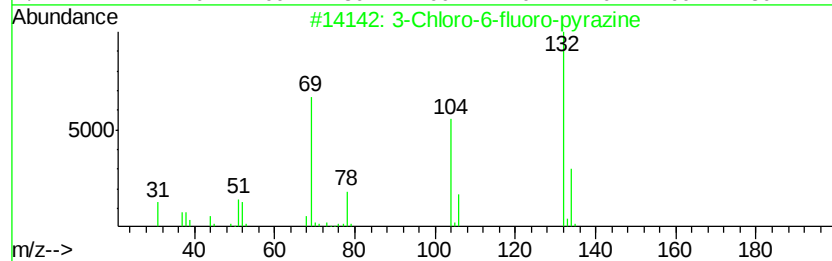
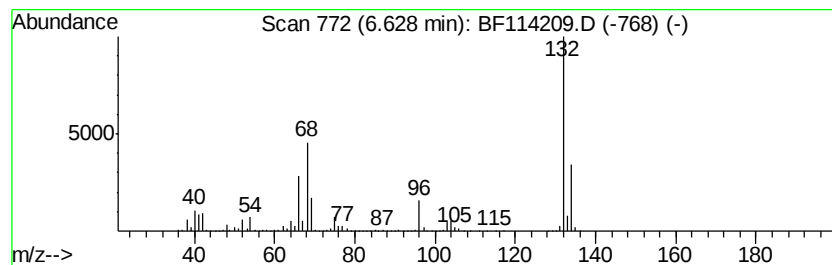
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	71.63 ng	5430100	1,4-Dichlorobenzene-d4	6.85

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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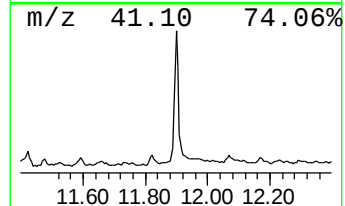
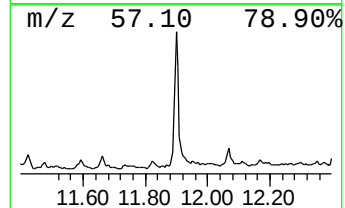
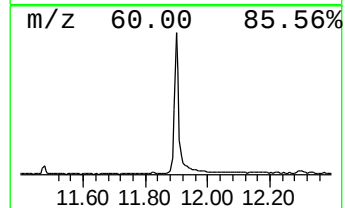
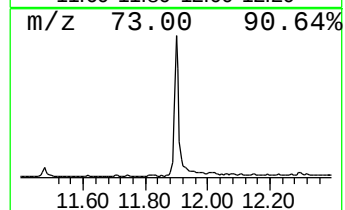
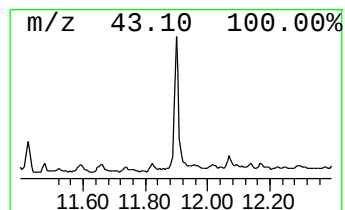
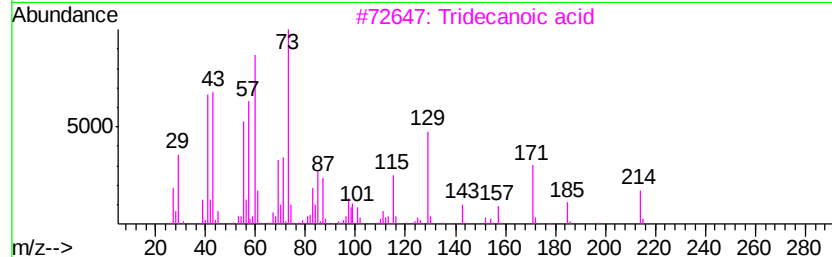
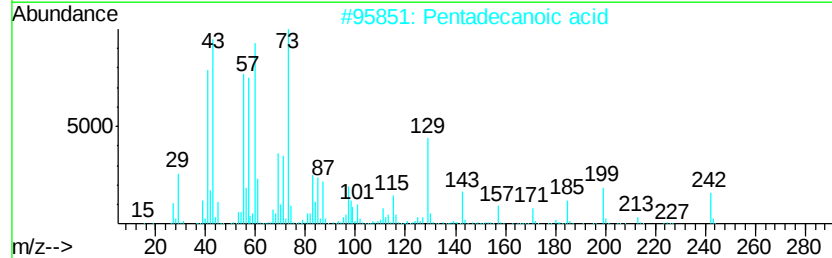
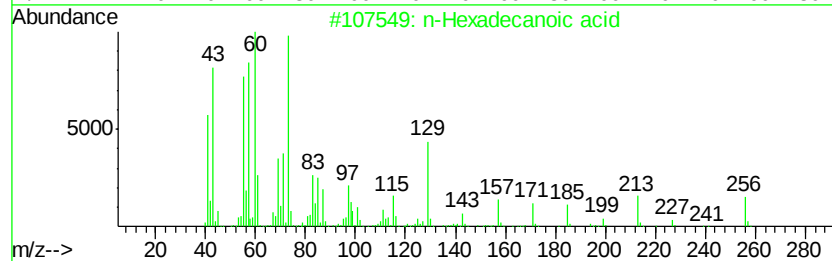
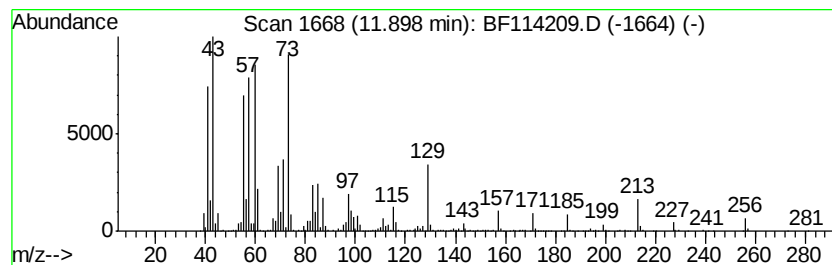
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	15.32 ng	1448550	Phenanthrene-d10	11.37

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	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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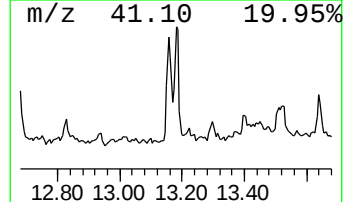
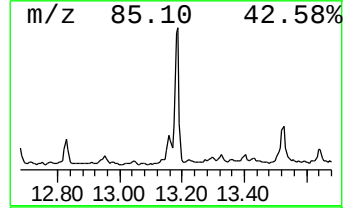
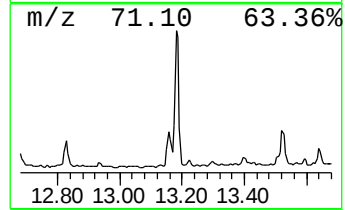
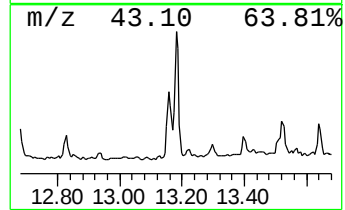
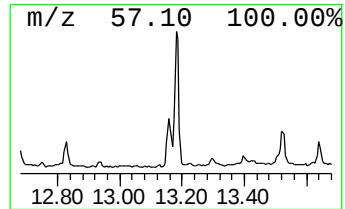
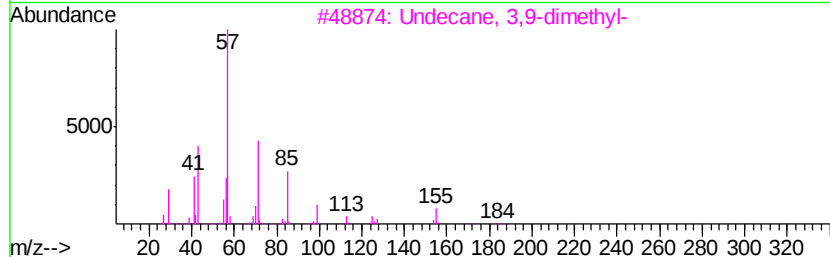
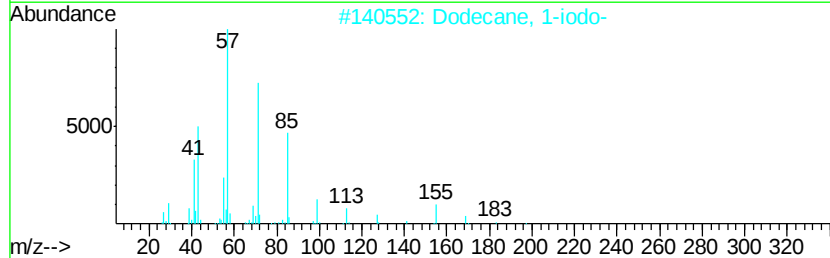
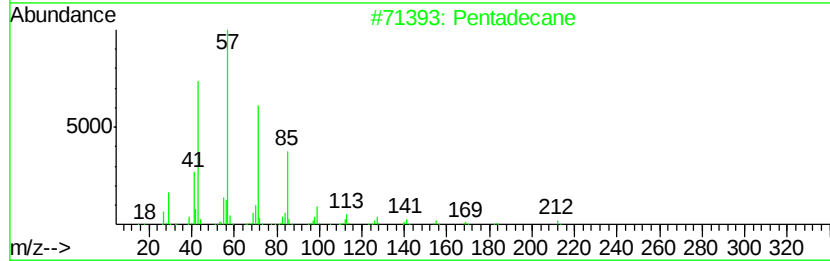
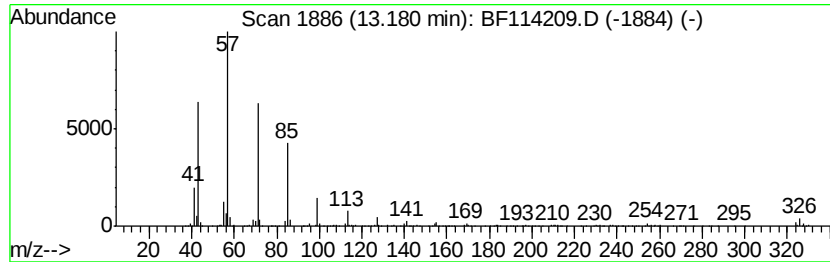
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ClientSampleId :
P026-SS011-1218-01

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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 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.18	9.28 ng	673381	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	78
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	78
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	78
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
Operator : JU/SJ
Sample : K2767-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS011-1218-01

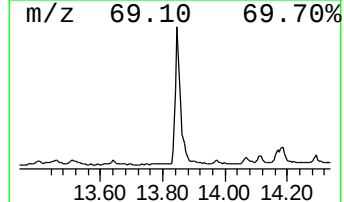
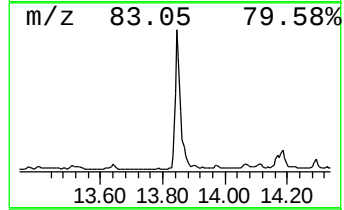
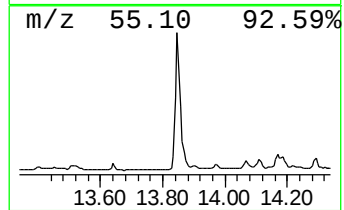
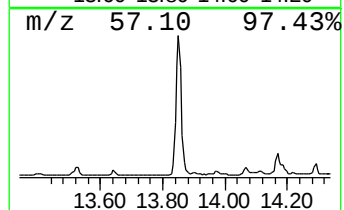
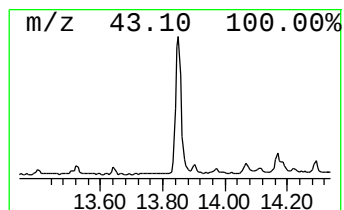
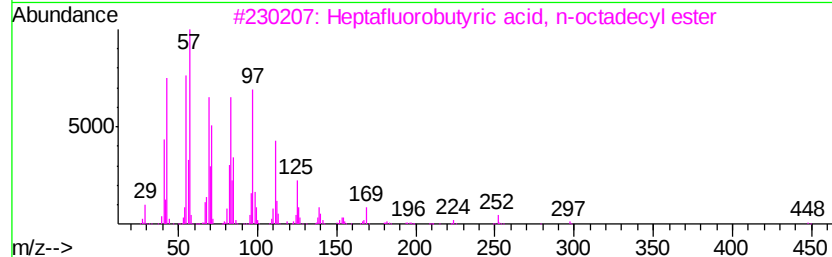
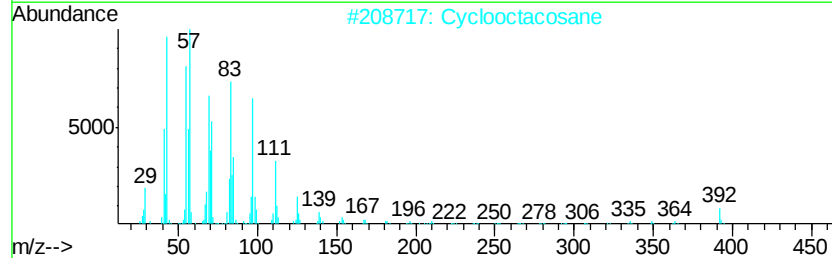
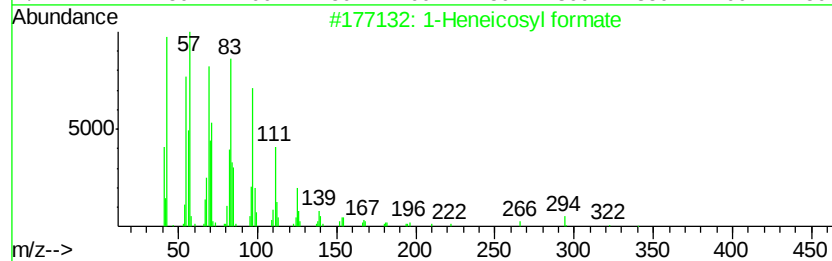
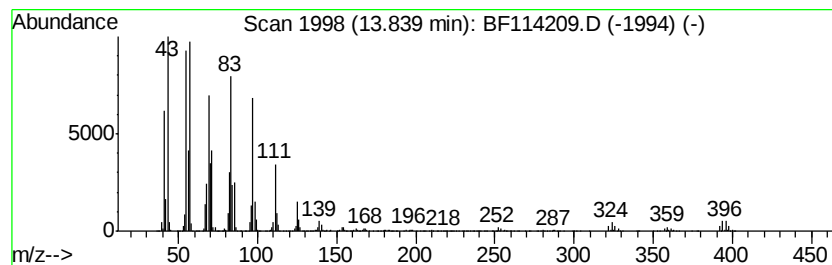
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	89.61 ng	6504650	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2		Cyclooctacosane	392	C28H56	000297-24-5	95
3		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5		1-Docosene	308	C22H44	001599-67-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
Operator : JU/SJ
Sample : K2767-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

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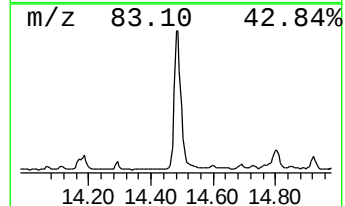
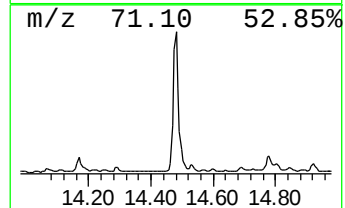
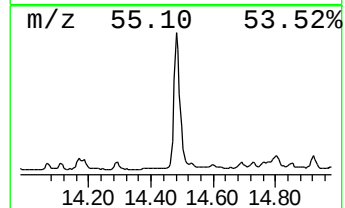
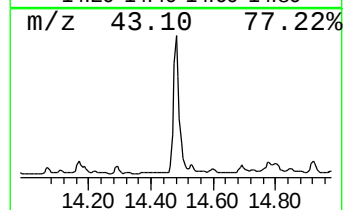
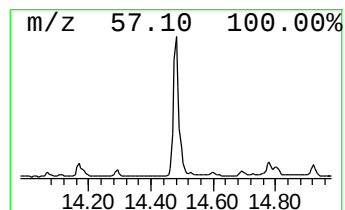
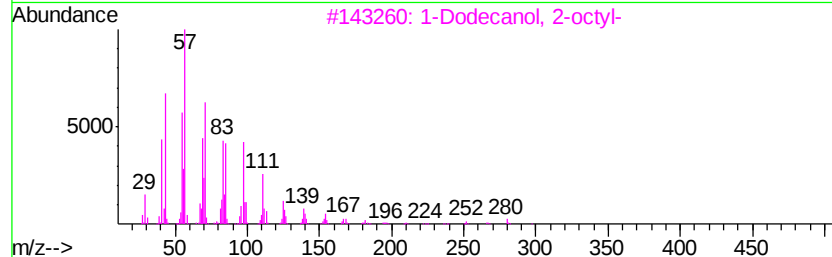
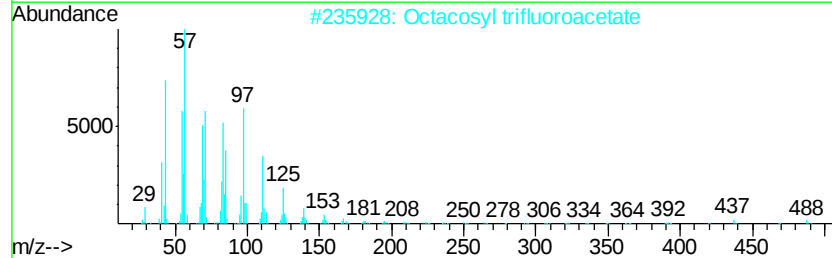
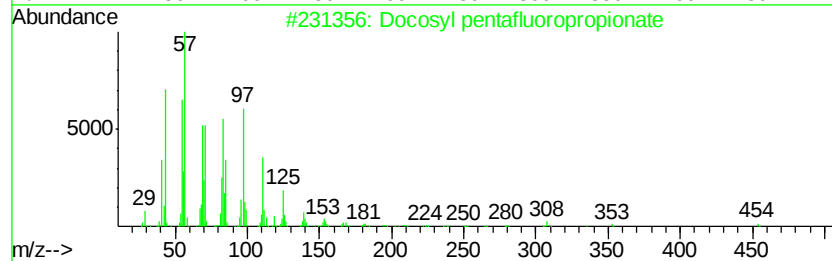
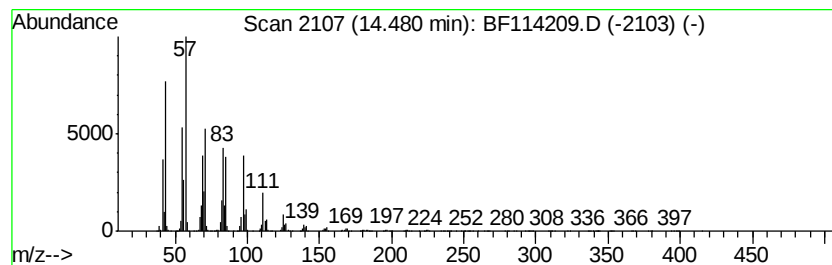
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosyl pentafluoropropionate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	123.01 ng	8929170	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4		Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	91
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
Operator : JU/SJ
Sample : K2767-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

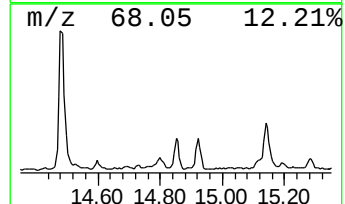
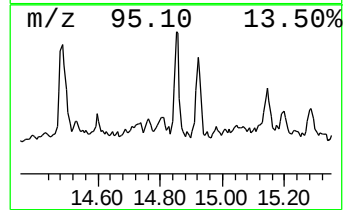
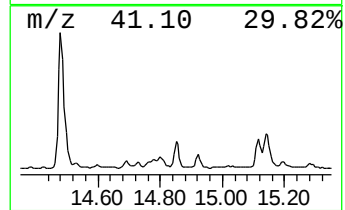
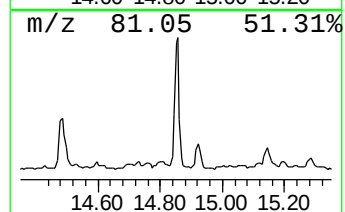
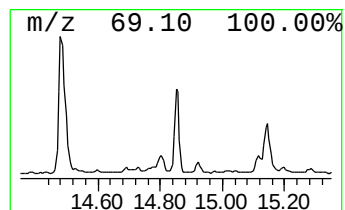
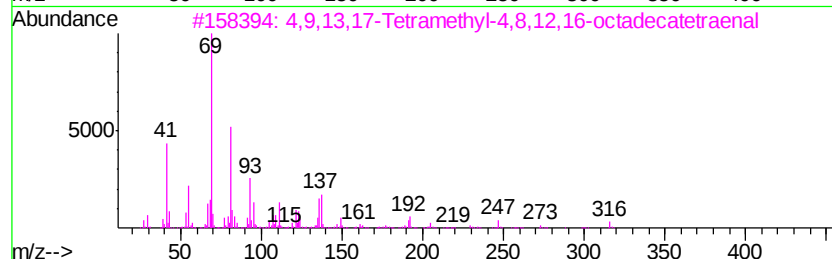
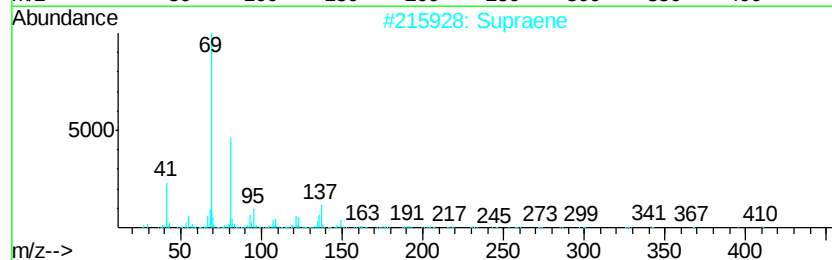
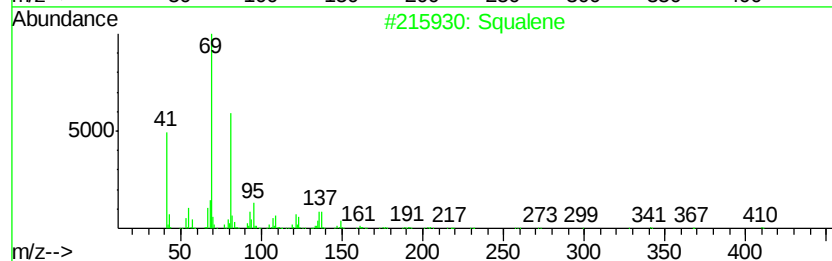
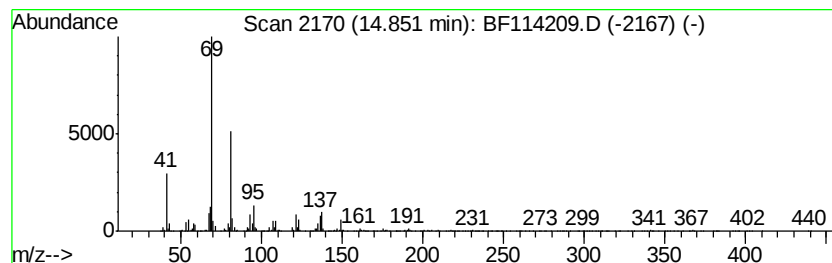
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	9.50 ng	871853	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	91
2	Supraene	410 C30H50	007683-64-9	91
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H36O	056882-09-8	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	72
5	Trideca-1,7,11-triene-1,1-dicarb...	270 C18H26N2	1000161-46-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
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Misc :
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Instrument :
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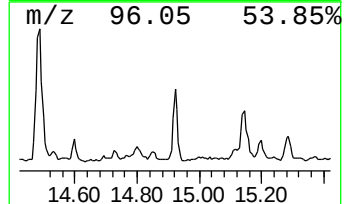
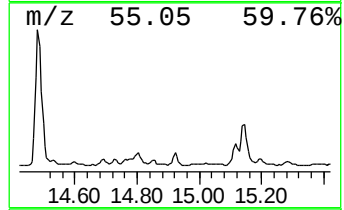
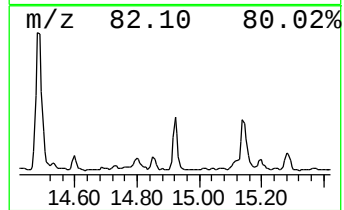
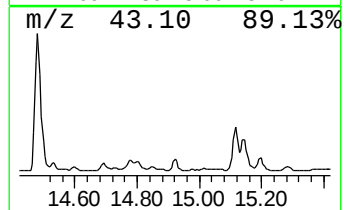
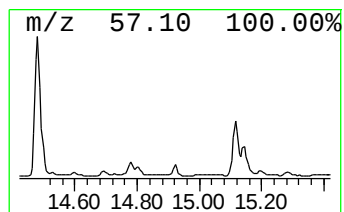
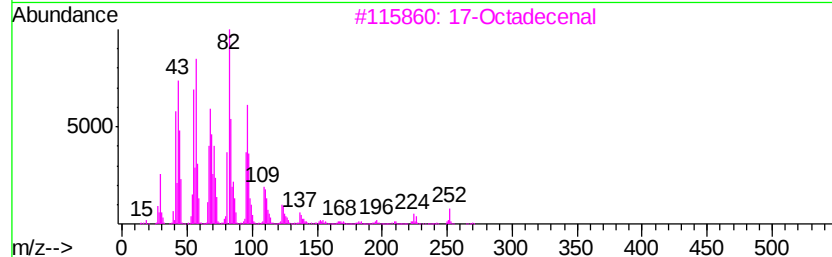
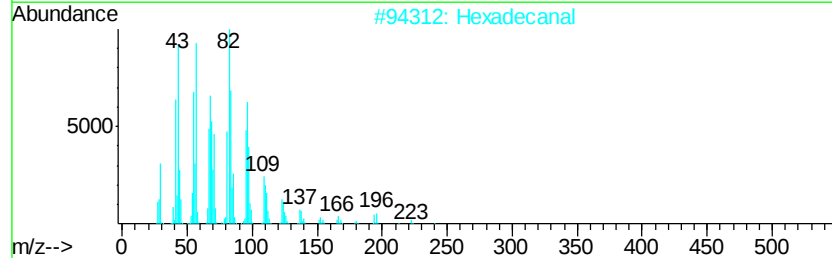
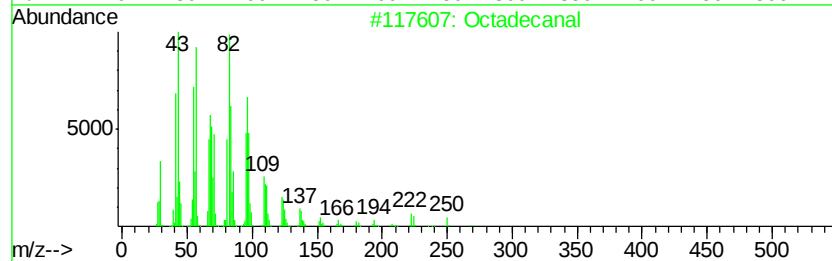
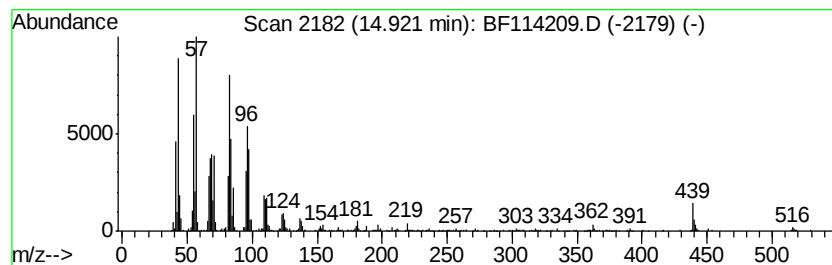
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	9.01 ng	827356	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	90
2			Hexadecanal	240	C16H32O	000629-80-1	87
3			17-Octadecenal	266	C18H34O	056554-86-0	86
4			Tetradecanal	212	C14H28O	000124-25-4	86
5			1,19-Eicosadiene	278	C20H38	014811-95-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
Operator : JU/SJ
Sample : K2767-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

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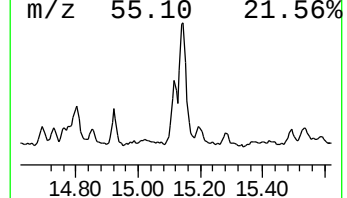
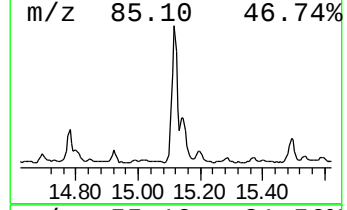
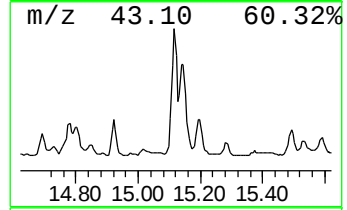
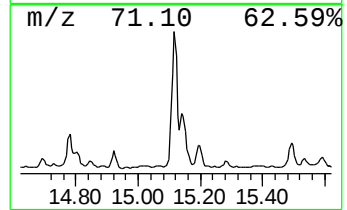
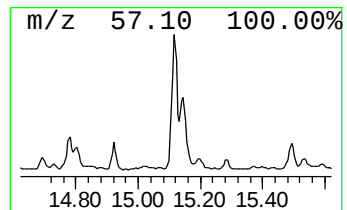
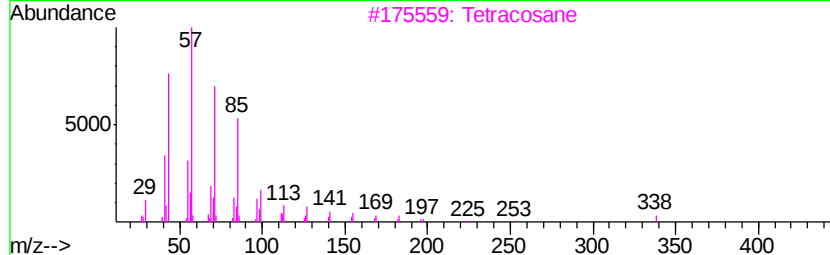
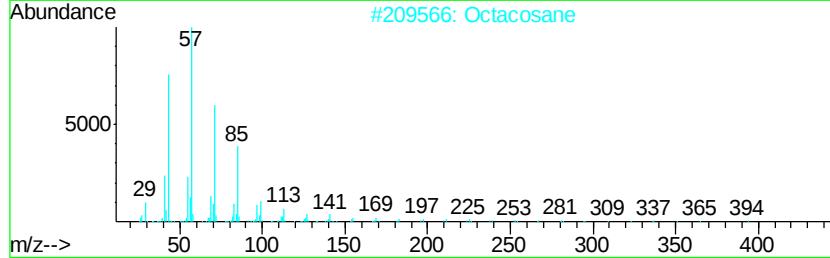
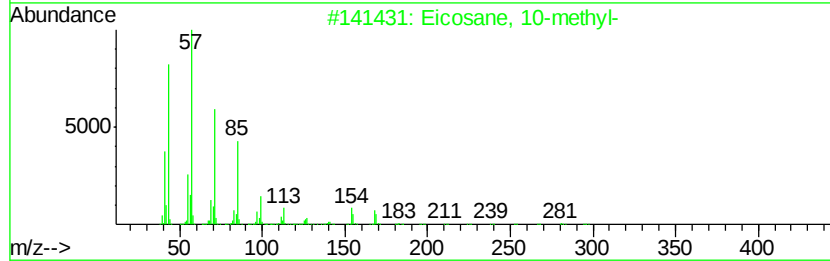
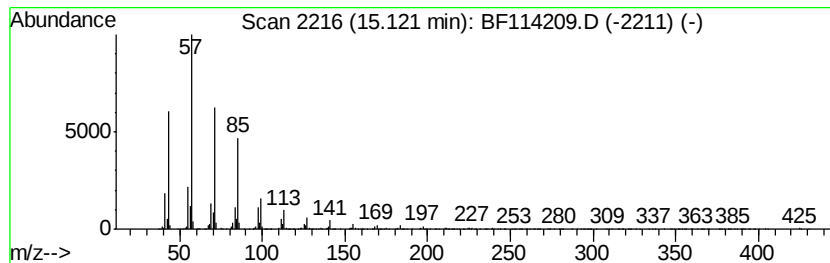
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	21.46 ng	1969690	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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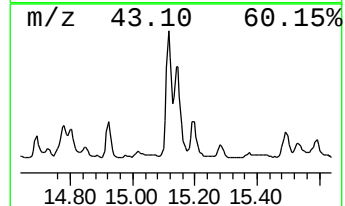
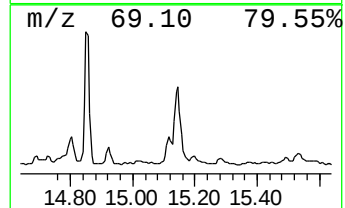
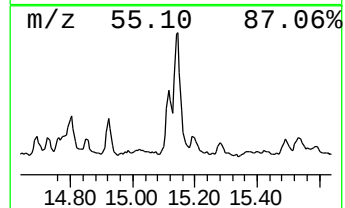
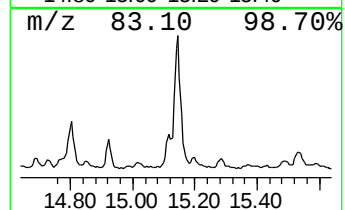
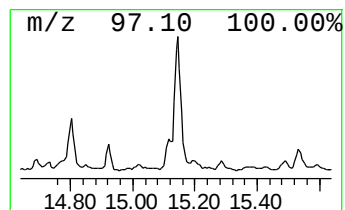
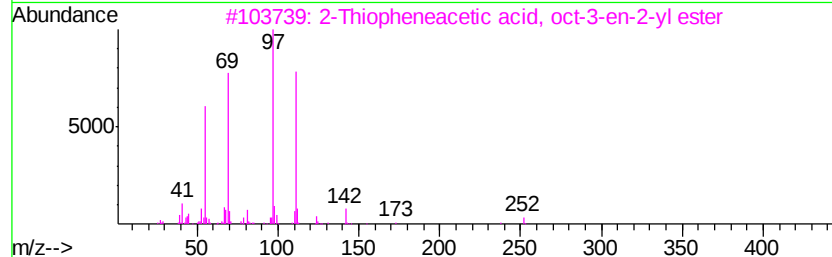
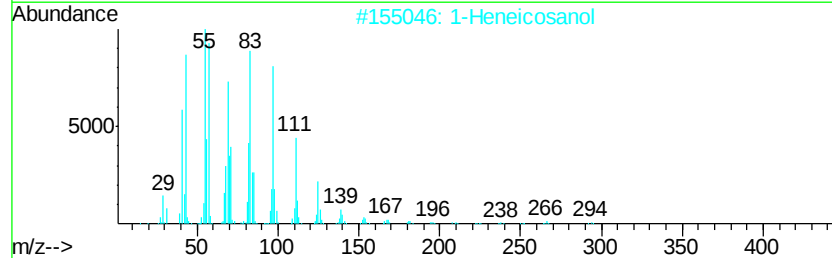
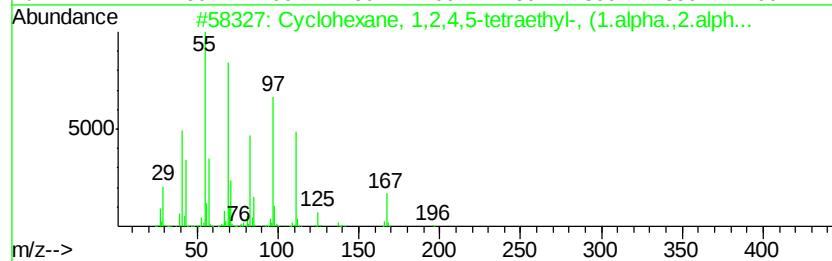
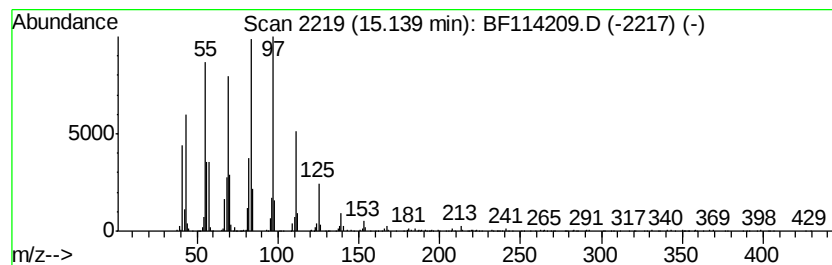
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, 1,2,4,5-tetrae... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	28.46 ng	2612150	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	53
2		1-Heneicosanol	312	C21H44O	015594-90-8	43
3		2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	43
4		Cycloheptane, methyl-	112	C8H16	004126-78-7	38
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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Sample : K2767-10
Misc :
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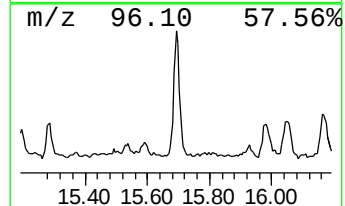
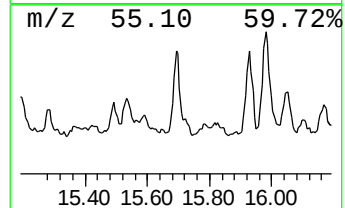
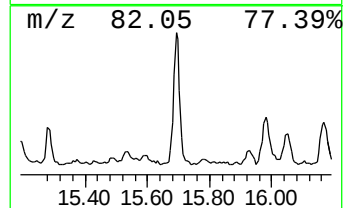
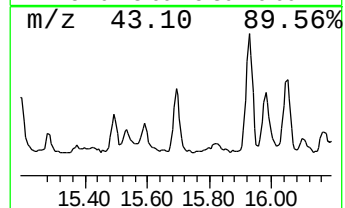
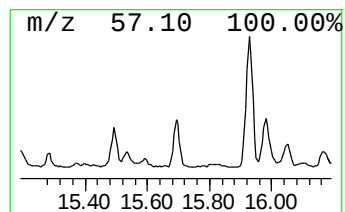
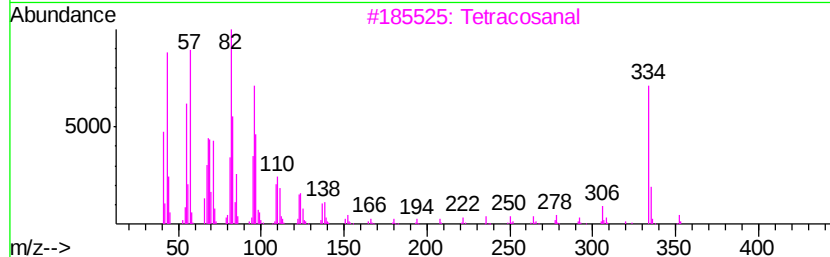
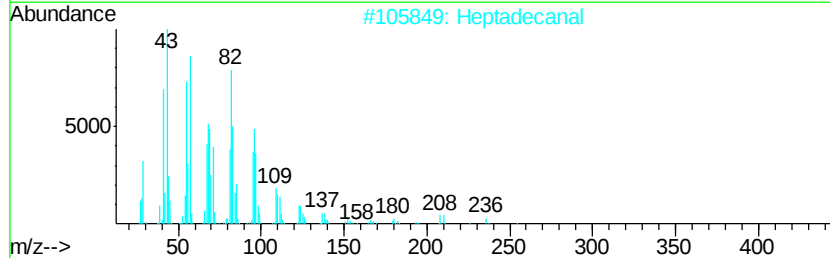
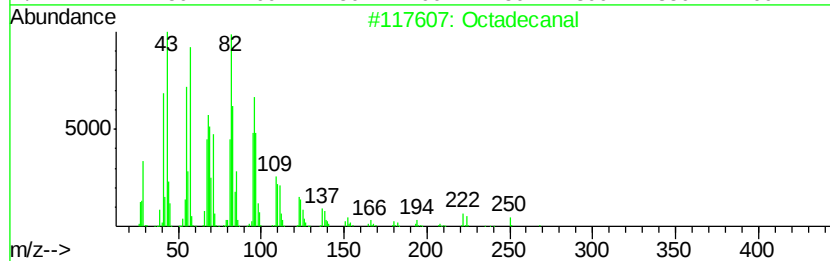
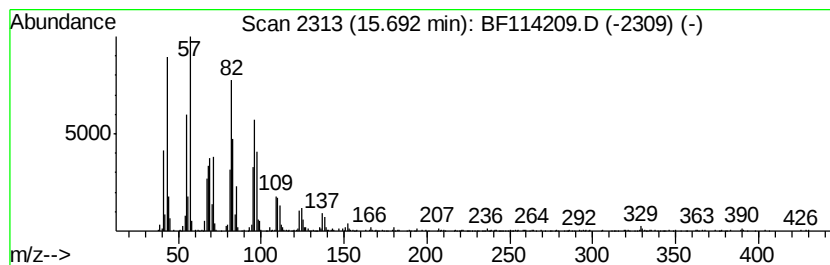
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	12.94 ng	1188130	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanal	268 C18H36O	000638-66-4 91
2		Heptadecanal	254 C17H34O	1000376-70-0 91
3		Tetracosanal	352 C24H48O	057866-08-7 91
4		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 87
5		Oxirane, heptadecyl-	282 C19H38O	067860-04-2 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
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ClientSampleId :
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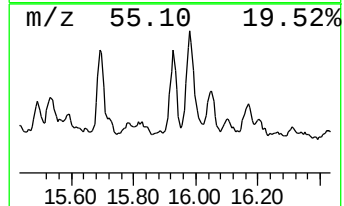
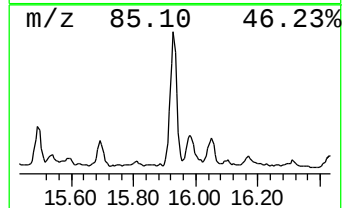
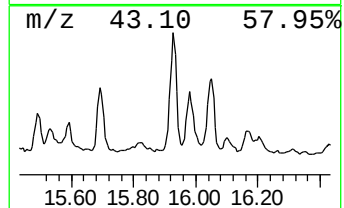
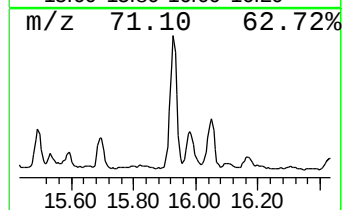
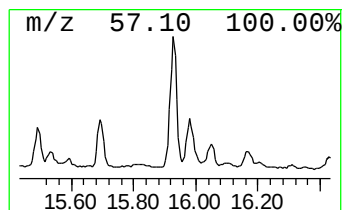
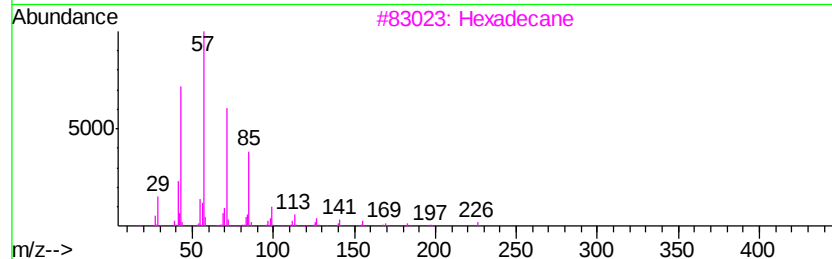
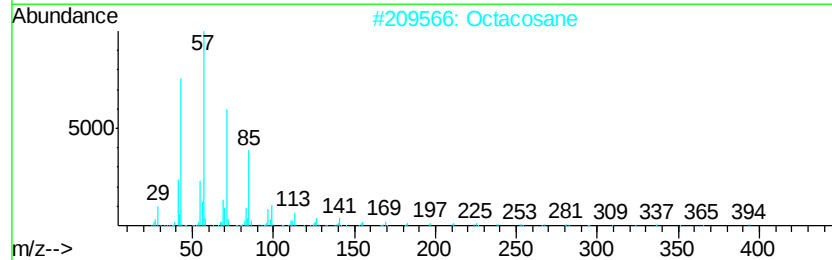
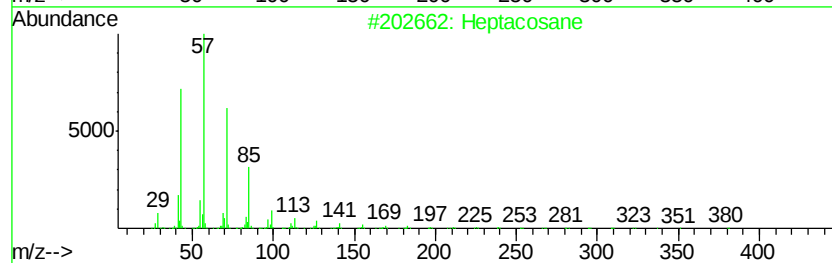
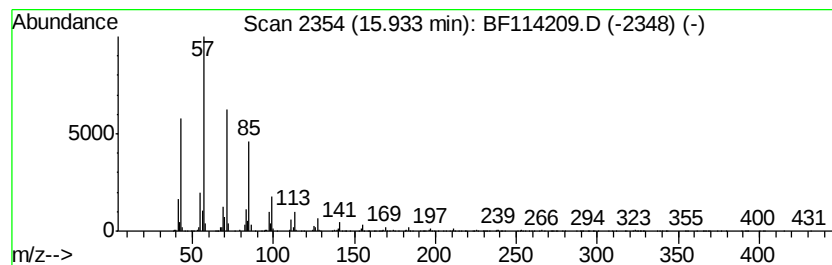
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	15.88 ng	1457630	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
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Operator : JU/SJ
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Misc :
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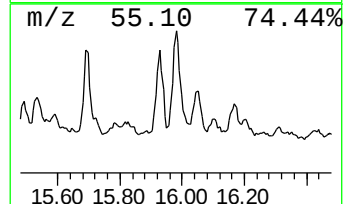
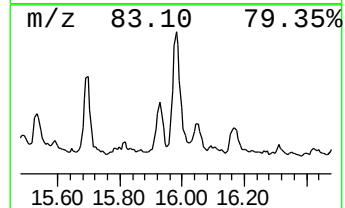
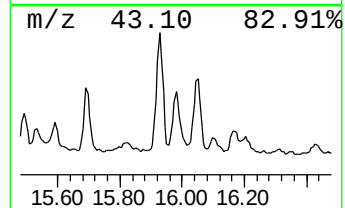
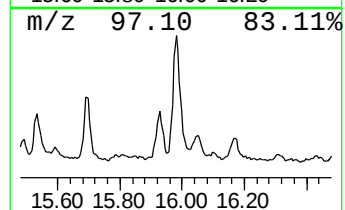
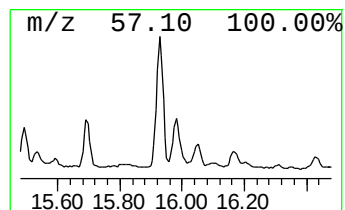
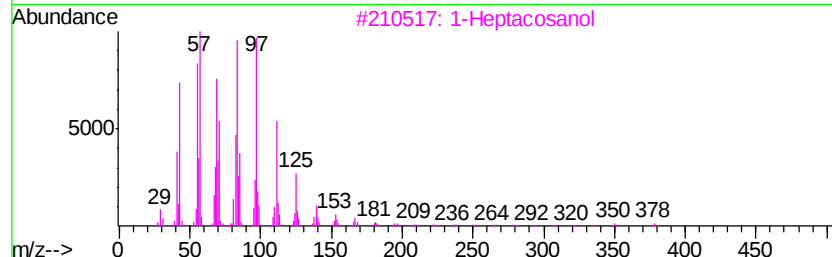
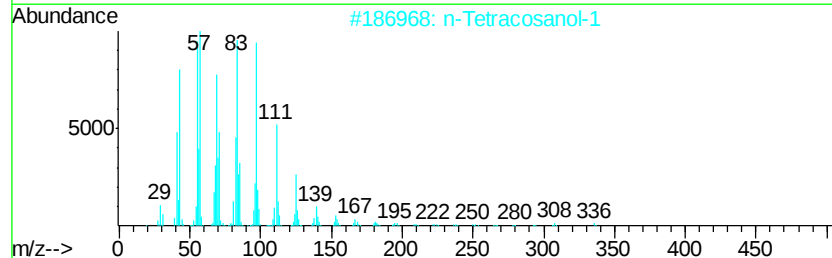
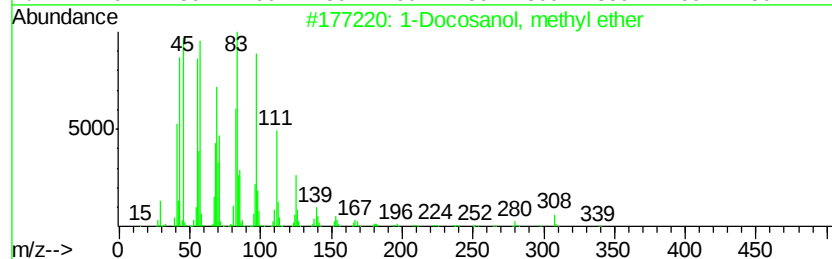
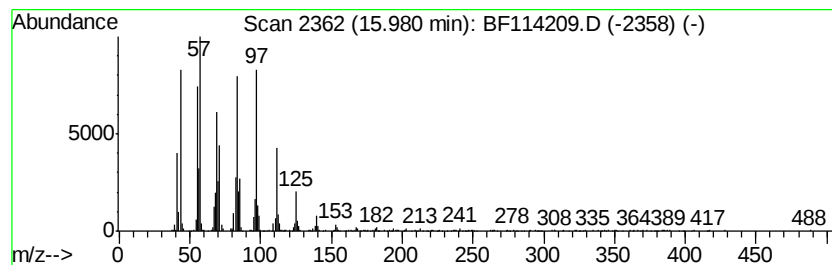
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Docosanol, methyl ether Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	12.96 ng	1189450	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	94
4		9-Hexacosene	364	C26H52	071502-22-2	91
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
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Instrument :
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ClientSampleId :
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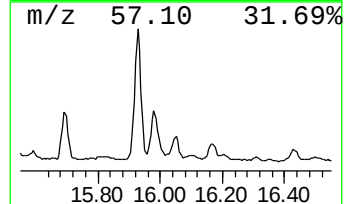
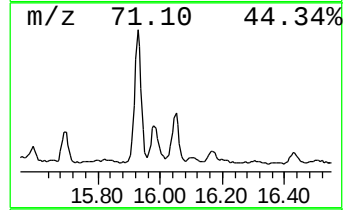
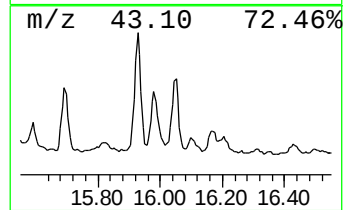
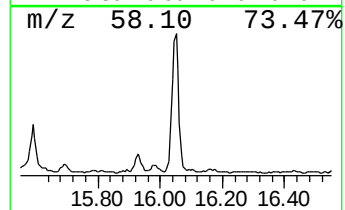
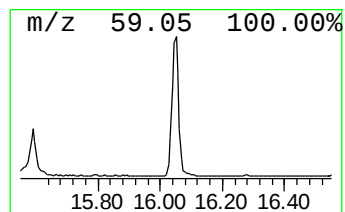
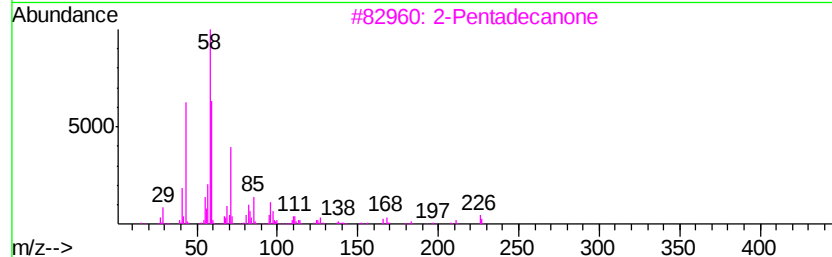
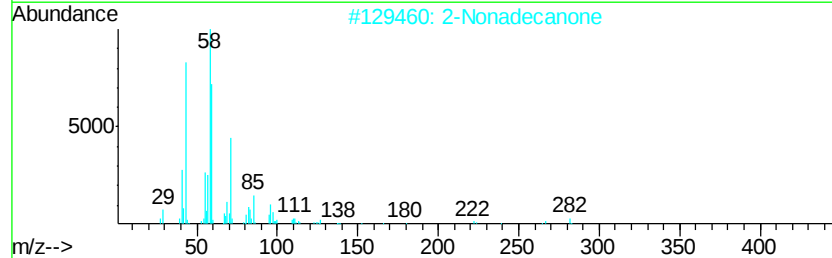
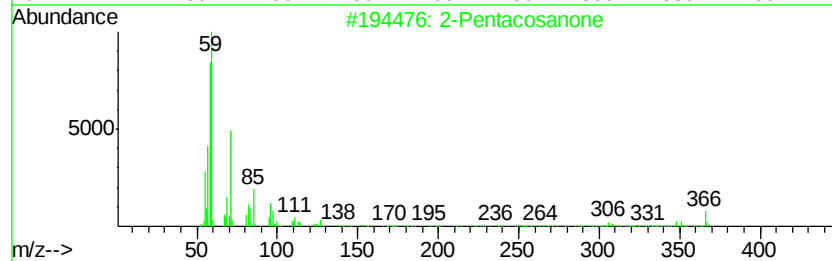
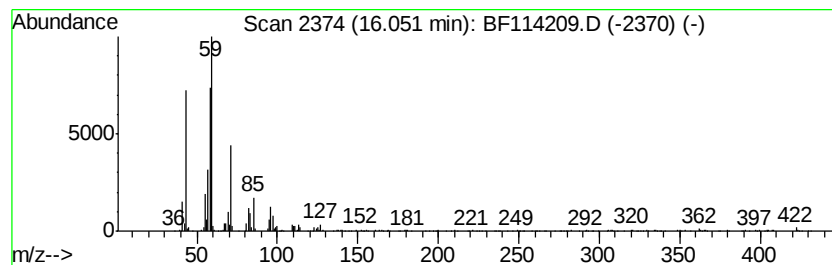
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Pentacosanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	9.00 ng	826012	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentacosanone	366	C25H50O	075207-54-4	90
2			2-Nonadecanone	282	C19H38O	000629-66-3	64
3			2-Pentadecanone	226	C15H30O	002345-28-0	50
4			2-Heptadecanone	254	C17H34O	002922-51-2	45
5			2-Nonanone	142	C9H18O	000821-55-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
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Misc :
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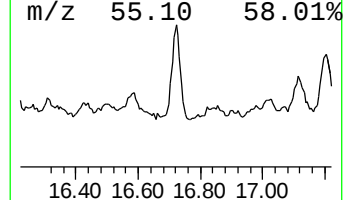
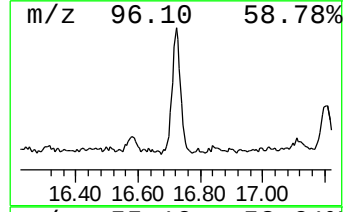
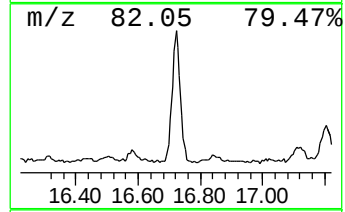
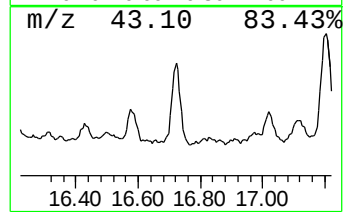
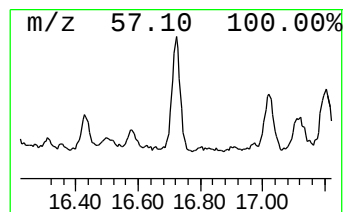
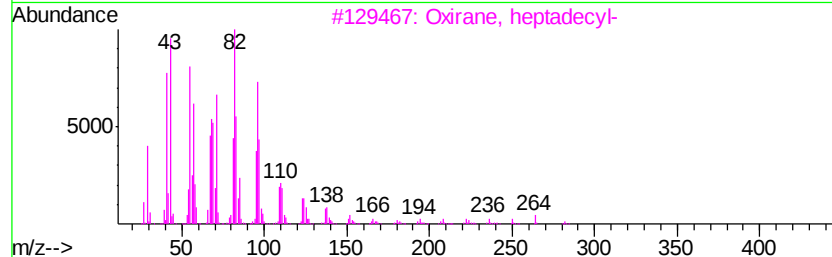
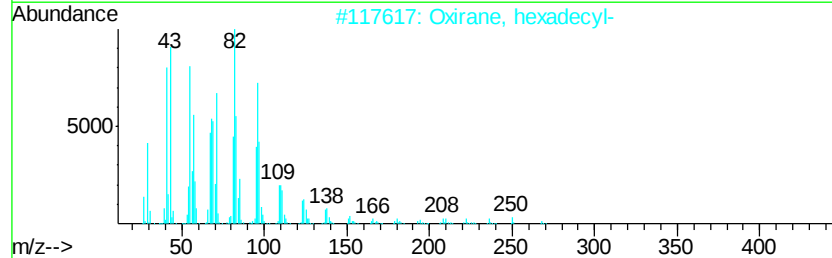
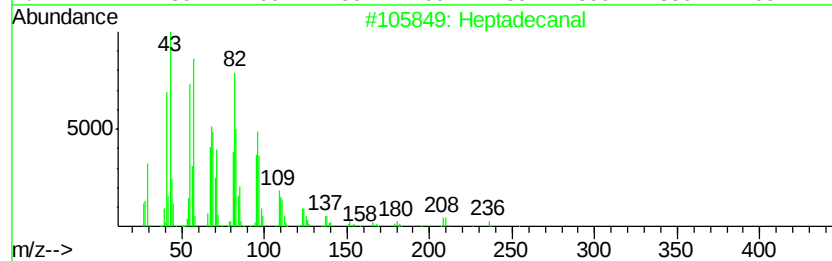
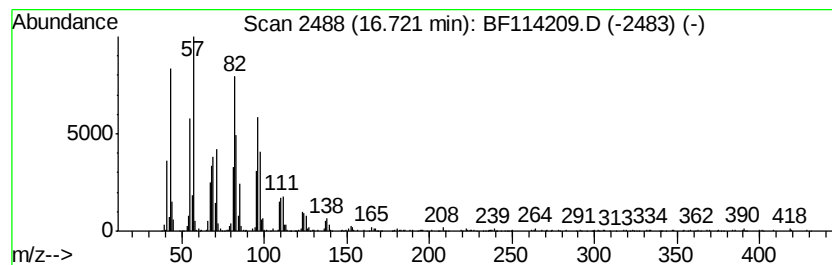
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	12.88 ng	1182150	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecanal	254	C17H34O	1000376-70-0	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72
4		Octadecanal	268	C18H36O	000638-66-4	62
5		9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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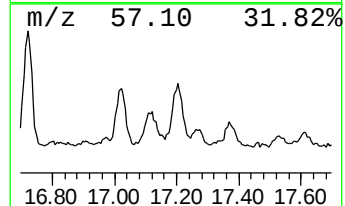
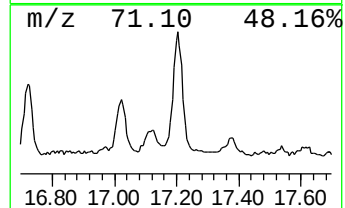
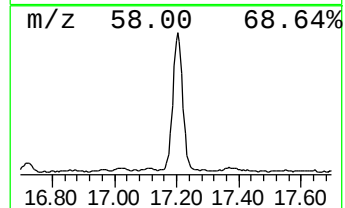
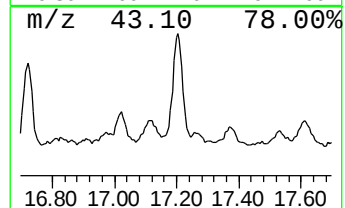
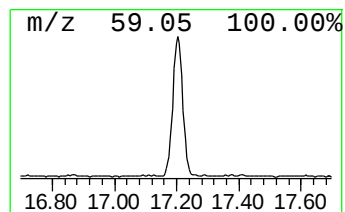
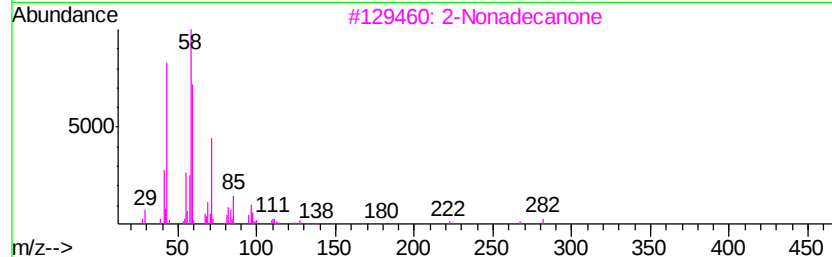
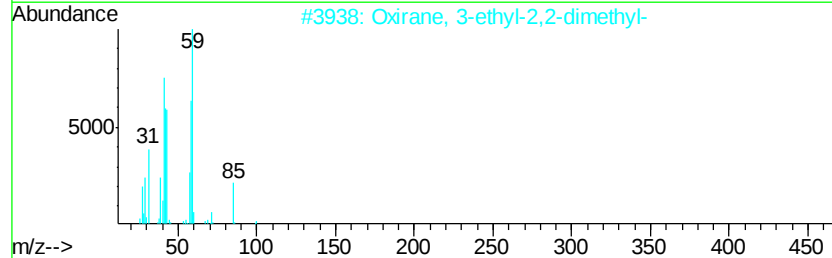
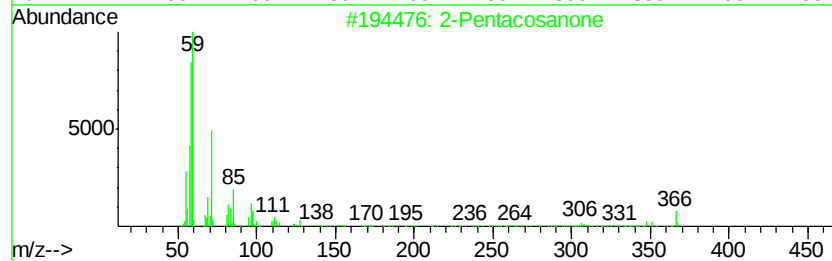
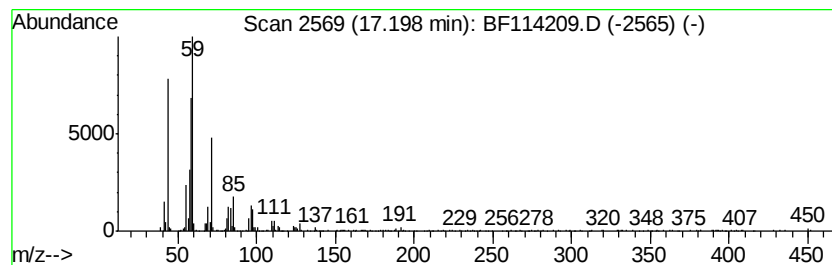
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	10.26 ng	941913	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone			366	C25H50O	075207-54-4	91
2	Oxirane, 3-ethyl-2,2-dimethyl-			100	C6H12O	001192-22-9	47
3	2-Nonadecanone			282	C19H38O	000629-66-3	46
4	2-Heptadecanone			254	C17H34O	002922-51-2	43
5	2-Pentadecanone			226	C15H30O	002345-28-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
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ALS Vial : 24 Sample Multiplier: 1

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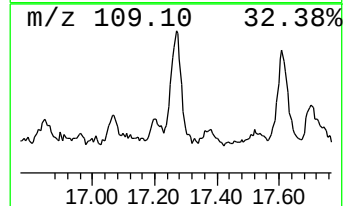
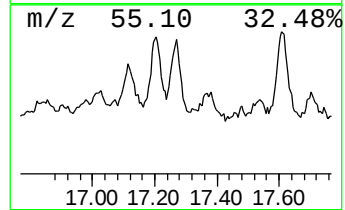
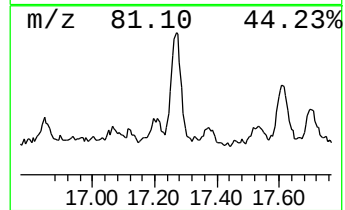
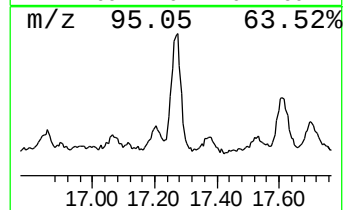
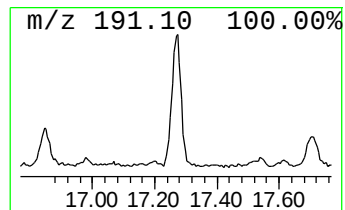
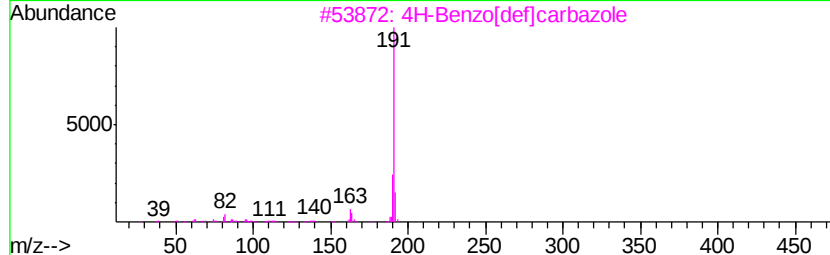
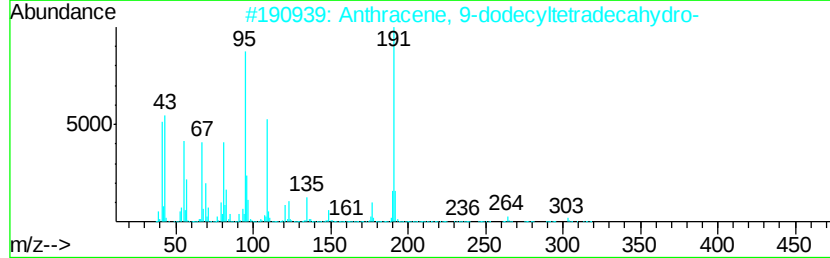
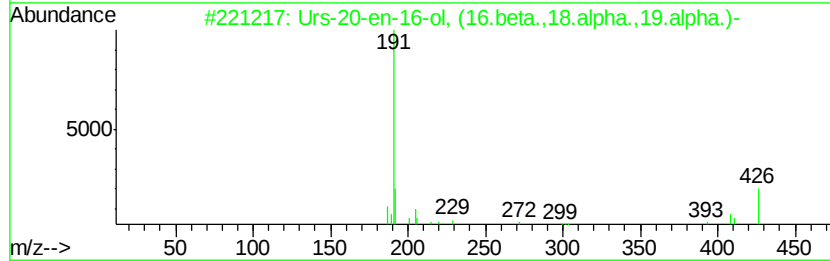
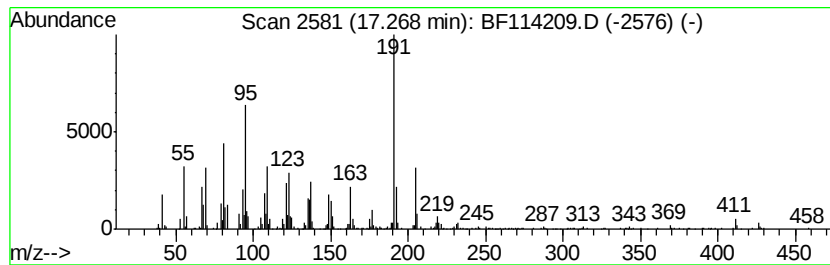
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Urs-20-en-16-ol, (16.beta.,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	14.79 ng	1357310	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Urs-20-en-16-ol, (16.beta.,18.alpha.,19.alpha.)-	426	C30H50O	066394-74-9	64
2		Anthracene, 9-dodecyltetradecahydro-	360	C26H48	055401-75-7	37
3		4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	27
4		4-(3H-Imidazo[4,5-b]pyridin-2-yl)-	342	C15H18N8S	1000276-08-2	25
5		2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114209.D
Acq On : 12 May 2019 22:34
Operator : JU/SJ
Sample : K2767-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS011-1218-01

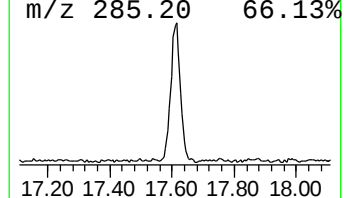
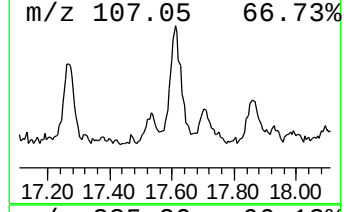
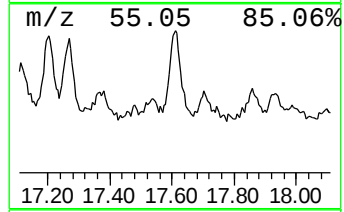
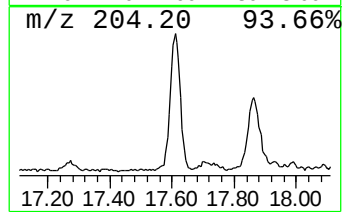
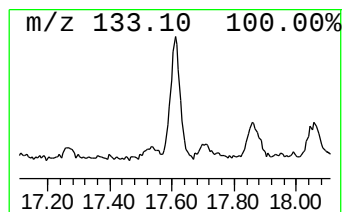
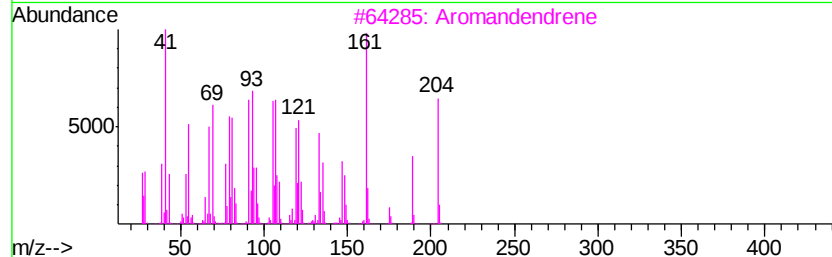
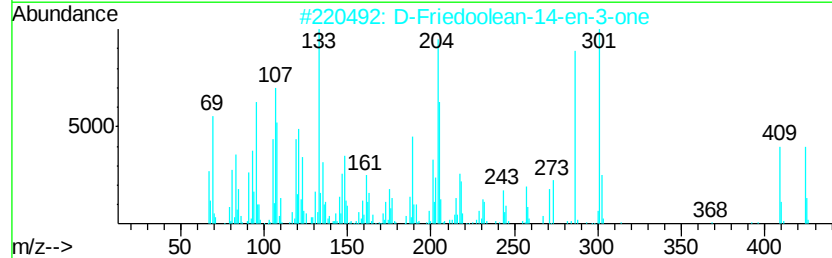
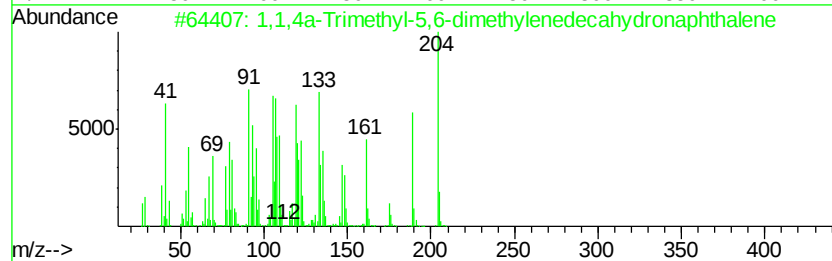
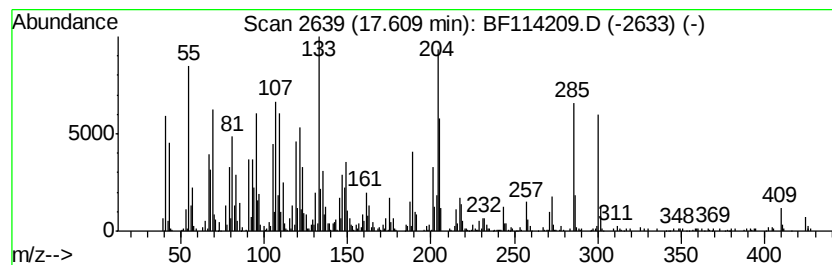
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	19.52 ng	1791970	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	55
2		D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	53
3		Aromandendrene	204	C15H24	000489-39-4	46
4		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	46
5		1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114209.D
 Acq On : 12 May 2019 22:34
 Operator : JU/SJ
 Sample : K2767-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
Butane, 2-methoxy...	2.12	21.2	ng	1607260	1	6.85	1516080	20.0
unknown6.63	6.63	71.6	ng	5430100	1	6.85	1516080	20.0
n-Hexadecanoic acid	11.90	15.3	ng	1448550	4	11.37	1891330	20.0
Pentadecane	13.18	9.3	ng	673381	5	14.01	1451760	20.0
1-Heneicosyl formate	13.84	89.6	ng	6504650	5	14.01	1451760	20.0
Docosyl pentaflu...	14.48	123.0	ng	8929170	5	14.01	1451760	20.0
Squalene	14.85	9.5	ng	871853	6	15.48	1835820	20.0
Octadecanal	14.92	9.0	ng	827356	6	15.48	1835820	20.0
Eicosane, 10-methyl-	15.12	21.5	ng	1969690	6	15.48	1835820	20.0
Cyclohexane, 1,2,...	15.14	28.5	ng	2612150	6	15.48	1835820	20.0
Heptadecanal	15.69	12.9	ng	1188130	6	15.48	1835820	20.0
Heptacosane	15.93	15.9	ng	1457630	6	15.48	1835820	20.0
1-Docosanol, meth...	15.98	13.0	ng	1189450	6	15.48	1835820	20.0
2-Pentacosanone	16.05	9.0	ng	826012	6	15.48	1835820	20.0
Oxirane, hexadecyl-	16.72	12.9	ng	1182150	6	15.48	1835820	20.0
unknown17.20	17.20	10.3	ng	941913	6	15.48	1835820	20.0
Urs-20-en-16-ol, ...	17.27	14.8	ng	1357310	6	15.48	1835820	20.0
1,1,4a-Trimethyl-...	17.61	19.5	ng	1791970	6	15.48	1835820	20.0
[2](9,10)(1,2,3,4...	18.06	11.4	ng	1049660	6	15.48	1835820	20.0