

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114222.D
 Acq On : 13 May 2019 12:21
 Operator : JU/SJ
 Sample : K2750-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

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	48	rVB	1433946	4113323	49.10%	2.881%
2	5.481	573	577	592	rBV	4104638	4093067	48.85%	2.867%
3	6.492	744	749	752	rBV	4512860	4254682	50.78%	2.980%
4	6.628	767	772	775	rBV	4581820	4258516	50.83%	2.983%
5	6.851	806	810	817	rBV	2111055	1714713	20.47%	1.201%
6	7.010	833	837	840	rBV	3859008	3433124	40.98%	2.405%
7	7.410	901	905	908	rBV	3225520	2784423	33.23%	1.950%
8	7.916	988	991	998	rBV	187447	182798	2.18%	0.128%
9	8.134	1024	1028	1031	rBV	2548976	2192352	26.17%	1.536%
10	8.563	1097	1101	1111	rVB	285873	413656	4.94%	0.290%
11	9.204	1206	1210	1214	rBV	5837393	5188541	61.93%	3.635%
12	9.692	1290	1293	1307	rBV	131773	188315	2.25%	0.132%
13	9.886	1322	1326	1335	rVB	2914031	2560385	30.56%	1.794%
14	9.975	1338	1341	1351	rVB	172659	154916	1.85%	0.109%
15	10.092	1355	1361	1367	rBV2	362365	394821	4.71%	0.277%
16	10.310	1392	1398	1406	rBV	219112	243493	2.91%	0.171%
17	10.675	1456	1460	1463	rBV	3294645	3067851	36.62%	2.149%
18	10.786	1476	1479	1484	rBV2	110068	132124	1.58%	0.093%
19	11.233	1552	1555	1566	rVB2	94911	107755	1.29%	0.075%
20	11.322	1566	1570	1574	rBV	808879	672248	8.02%	0.471%
21	11.369	1574	1578	1582	rBV	3037939	2842700	33.93%	1.991%
22	11.557	1607	1610	1616	rBV	406428	421347	5.03%	0.295%
23	11.610	1616	1619	1625	rVV	98259	150655	1.80%	0.106%
24	11.663	1625	1628	1635	rVB3	123515	148305	1.77%	0.104%
25	11.898	1663	1668	1670	rBV	1129034	1107802	13.22%	0.776%
26	11.927	1670	1673	1676	rVB	1315813	1087852	12.98%	0.762%
27	12.063	1693	1696	1699	rBV	217180	190986	2.28%	0.134%
28	12.227	1720	1724	1729	rVB	192340	207893	2.48%	0.146%
29	12.339	1740	1743	1749	rBV5	64230	110394	1.32%	0.077%
30	12.416	1753	1756	1760	rBV	166188	188720	2.25%	0.132%
31	12.457	1760	1763	1768	rVB	436170	412051	4.92%	0.289%
32	12.616	1782	1790	1792	rBV3	201703	335639	4.01%	0.235%
33	12.645	1792	1795	1798	rVV	581403	630302	7.52%	0.442%
34	12.686	1798	1802	1804	rVV	1858224	2011762	24.01%	1.409%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.710	1804	1806	1814	rVV	717744	907501	10.83%	0.636%
36	12.774	1814	1817	1820	rVV	246071	266871	3.19%	0.187%
37	12.827	1822	1826	1828	rVV	739668	731154	8.73%	0.512%
38	12.845	1828	1829	1831	rVV	717764	510189	6.09%	0.357%
39	12.874	1831	1834	1843	rVV	1135284	1825772	21.79%	1.279%
40	12.957	1843	1848	1851	rVV	5761602	5840970	69.72%	4.092%
41	12.980	1851	1852	1856	rVB2	109720	88707	1.06%	0.062%
42	13.180	1882	1886	1889	rBV	1226673	1108209	13.23%	0.776%
43	13.210	1889	1891	1894	rVB	452558	361835	4.32%	0.253%
44	13.333	1909	1912	1916	rVB2	170142	164449	1.96%	0.115%
45	13.410	1920	1925	1933	rBV4	626628	1089025	13.00%	0.763%
46	13.504	1938	1941	1942	rVV	282674	247117	2.95%	0.173%
47	13.521	1942	1944	1947	rVV	1982418	1592270	19.01%	1.115%
48	13.545	1947	1948	1954	rVB	310529	190486	2.27%	0.133%
49	13.604	1954	1958	1961	rBV	555981	628698	7.50%	0.440%
50	13.633	1961	1963	1968	rVV	1482836	1229822	14.68%	0.861%
51	13.686	1969	1972	1974	rVV	147125	159009	1.90%	0.111%
52	13.727	1977	1979	1982	rVB	145914	121585	1.45%	0.085%
53	13.763	1983	1985	1989	rBV	110393	102875	1.23%	0.072%
54	13.851	1996	2000	2009	rVB	2661674	2675860	31.94%	1.874%
55	13.986	2020	2023	2024	rBV	292606	254929	3.04%	0.179%
56	14.010	2024	2027	2030	rVV	2494085	2500988	29.85%	1.752%
57	14.057	2032	2035	2038	rVV2	264992	348811	4.16%	0.244%
58	14.086	2038	2040	2044	rVB	633436	530738	6.33%	0.372%
59	14.168	2049	2054	2058	rBV	3308988	3432337	40.97%	2.404%
60	14.204	2058	2060	2065	rVB	171692	146095	1.74%	0.102%
61	14.268	2068	2071	2075	rBV	460095	472581	5.64%	0.331%
62	14.327	2078	2081	2083	rVB2	123868	104458	1.25%	0.073%
63	14.368	2083	2088	2090	rVB2	207232	230259	2.75%	0.161%
64	14.415	2091	2096	2102	rBV	1258493	1429071	17.06%	1.001%
65	14.486	2103	2108	2111	rBV2	5748414	6156791	73.49%	4.313%
66	14.639	2132	2134	2138	rBV3	130774	157338	1.88%	0.110%
67	14.692	2138	2143	2149	rVB3	439893	848779	10.13%	0.595%
68	14.792	2153	2160	2164	rBV	5679611	6042268	72.12%	4.233%
69	14.868	2170	2173	2175	rBV2	214025	200998	2.40%	0.141%
70	14.892	2175	2177	2179	rVV	195173	162149	1.94%	0.114%
71	14.921	2179	2182	2189	rVB	514220	644537	7.69%	0.451%

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72	14.998	2193	2195	2198	rVB	177725	154840	1.85%	0.108%
73	15.039	2199	2202	2210	rVB3	234934	426412	5.09%	0.299%
74	15.133	2211	2218	2228	rBV	5335952	7154809	85.40%	5.012%
75	15.368	2253	2258	2262	rBV	1664251	2098368	25.05%	1.470%
76	15.509	2274	2282	2288	rBV2	4773873	8378151	100.00%	5.869%
77	15.645	2301	2305	2310	rBV2	268696	355791	4.25%	0.249%
78	15.762	2319	2325	2331	rVB	3154936	4812333	57.44%	3.371%
79	15.827	2333	2336	2345	rVV4	142033	251178	3.00%	0.176%
80	15.945	2349	2356	2371	rVB	3373655	5831694	69.61%	4.085%
81	16.157	2388	2392	2399	rVB2	175887	306139	3.65%	0.214%
82	16.245	2402	2407	2413	rVB2	431146	730102	8.71%	0.511%
83	16.445	2433	2441	2449	rVB2	1899080	3501891	41.80%	2.453%
84	16.609	2463	2469	2479	rBV	998304	1867184	22.29%	1.308%
85	16.892	2513	2517	2523	rVB7	100077	202321	2.41%	0.142%
86	17.033	2534	2541	2550	rVB	680004	1493843	17.83%	1.046%
87	17.445	2608	2611	2617	rVB3	95002	171299	2.04%	0.120%
88	17.551	2625	2629	2641	rVB5	296651	791972	9.45%	0.555%
89	17.945	2690	2696	2705	rVB4	202246	467378	5.58%	0.327%
90	18.039	2708	2712	2719	rVB2	131868	275553	3.29%	0.193%
91	18.174	2720	2735	2742	rVB	2719228	8098069	96.66%	5.673%
92	18.503	2782	2791	2809	rVB2	547082	1884737	22.50%	1.320%

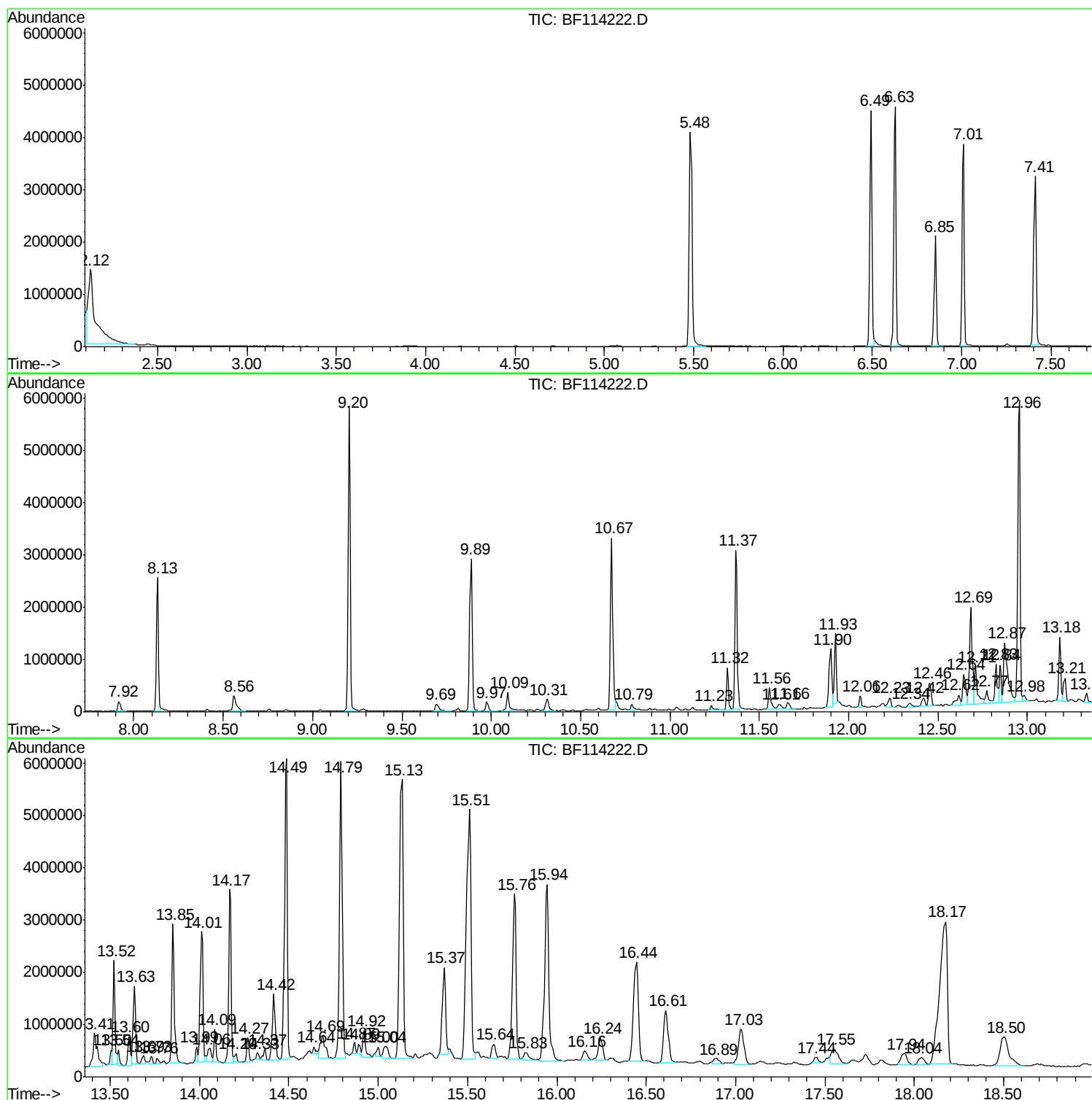
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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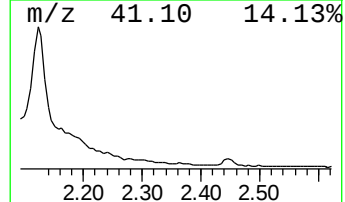
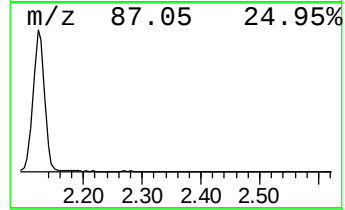
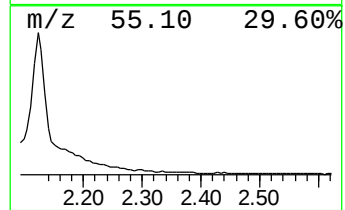
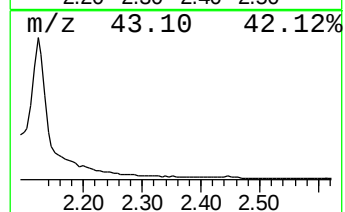
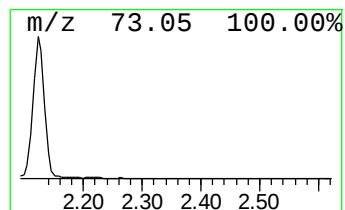
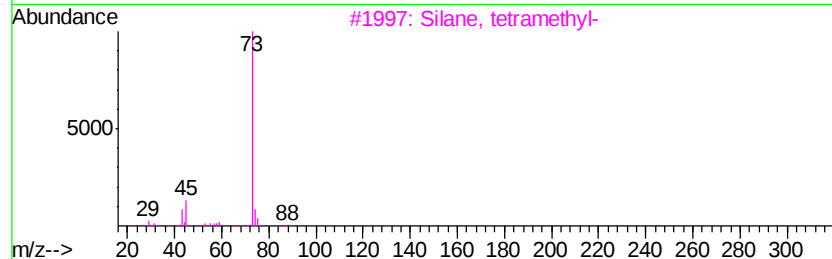
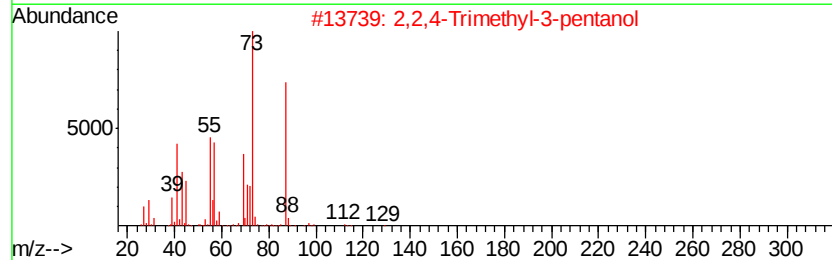
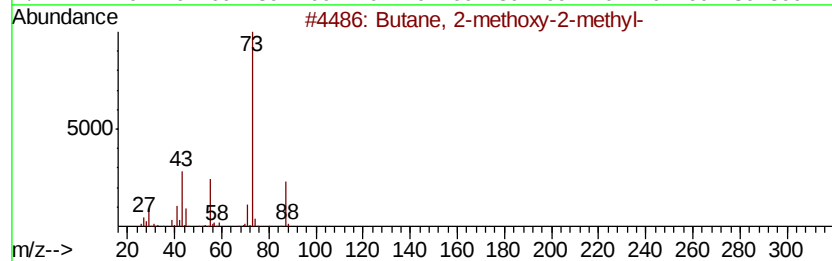
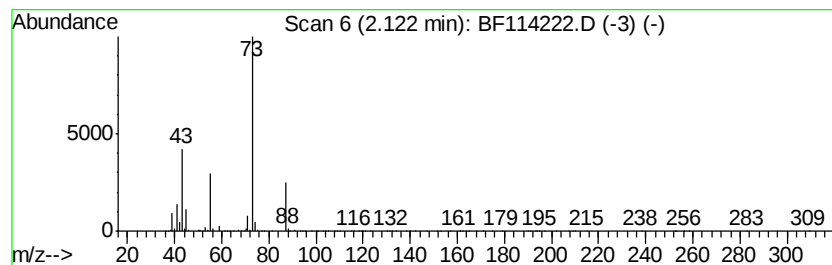
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	47.98 ng	4113320	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	59
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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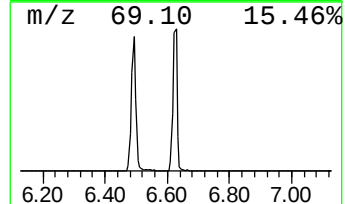
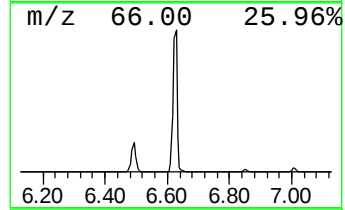
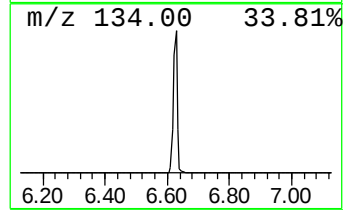
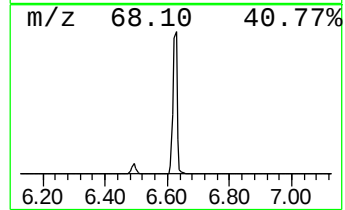
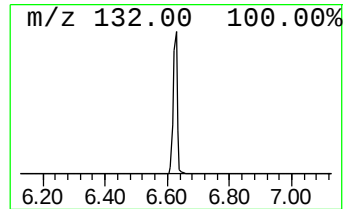
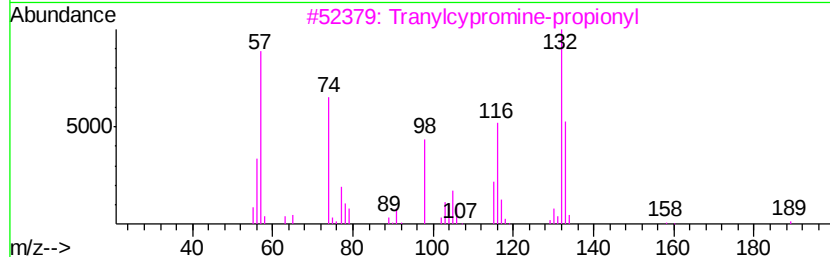
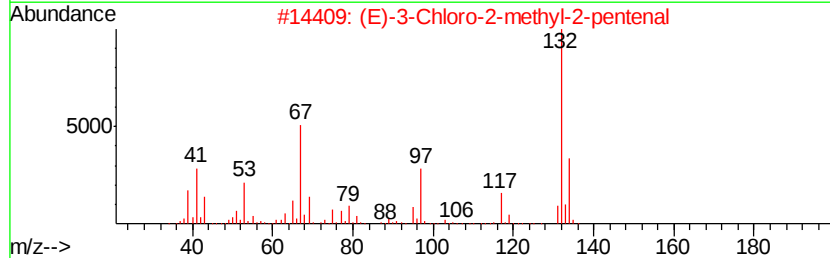
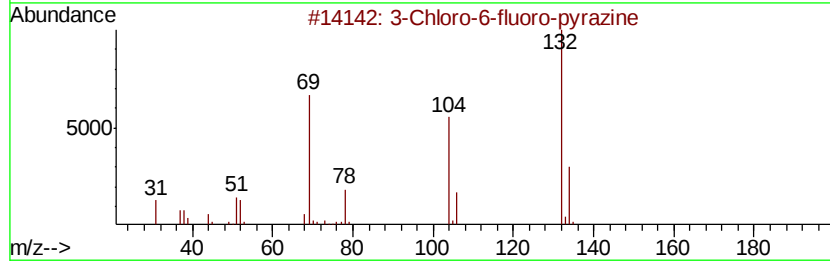
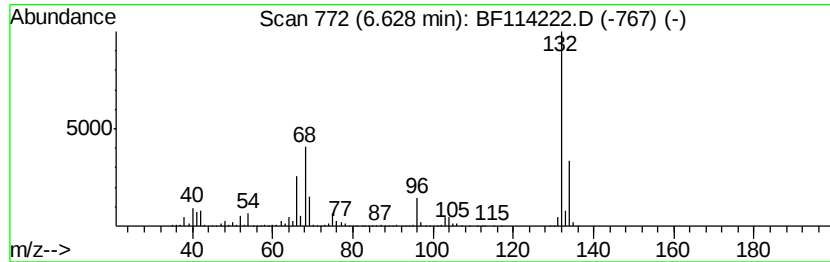
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	49.67 ng	4258520	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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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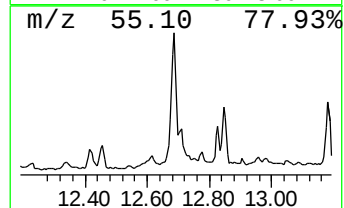
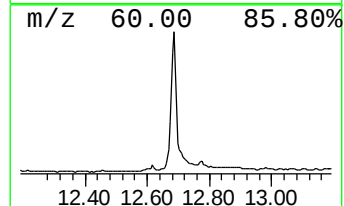
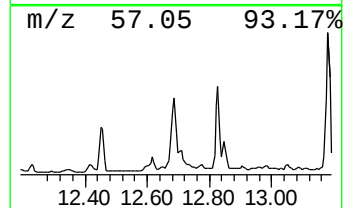
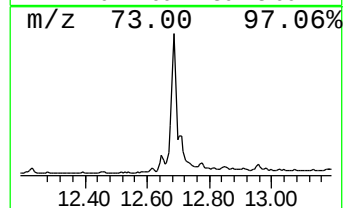
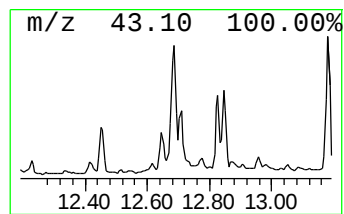
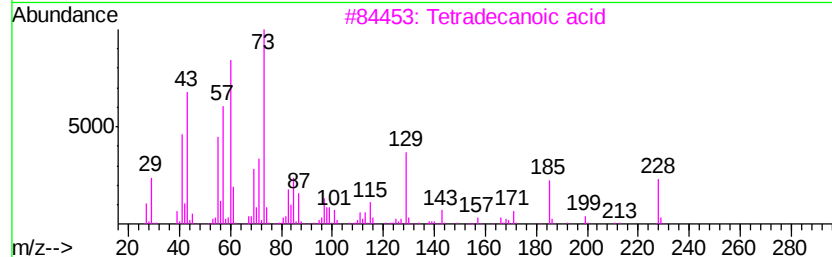
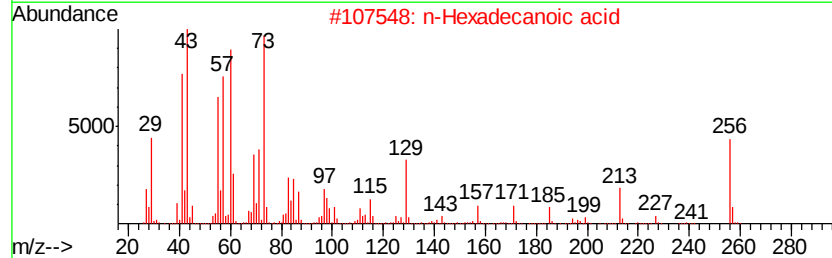
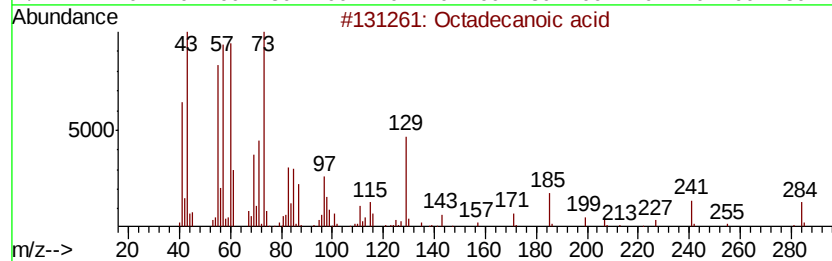
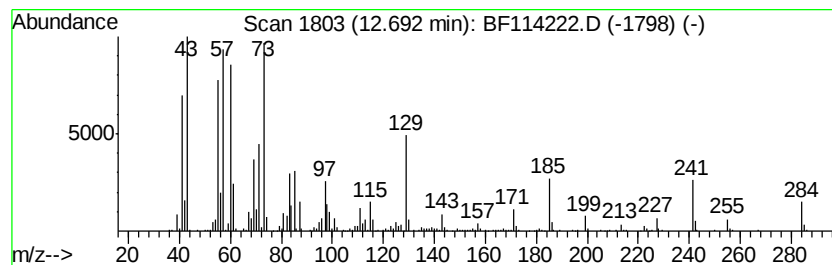
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	14.15 ng	2011760	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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Sample : K2750-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11995

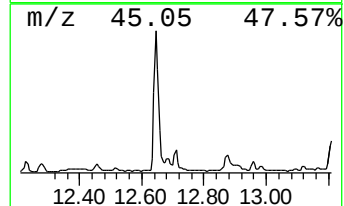
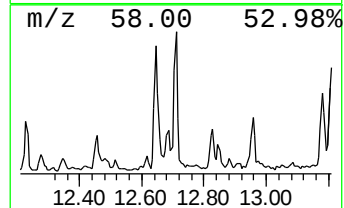
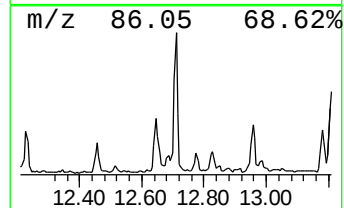
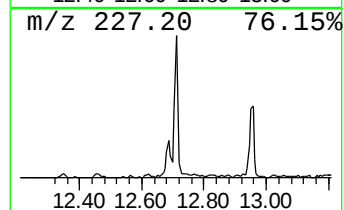
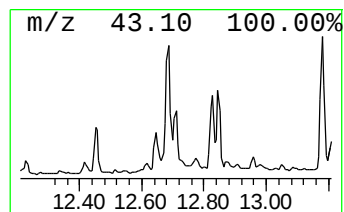
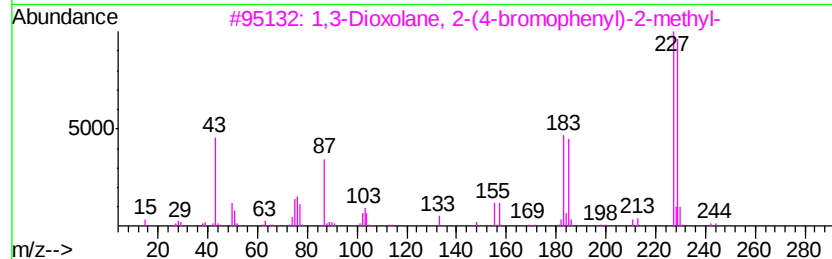
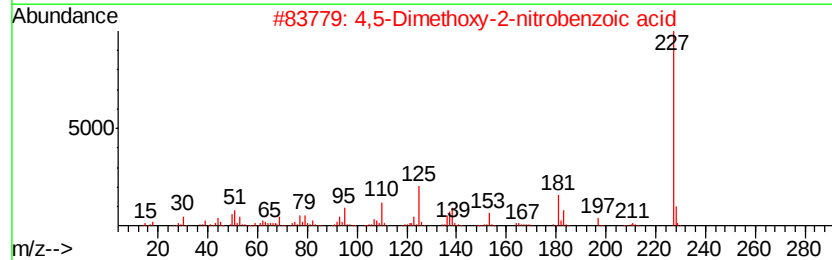
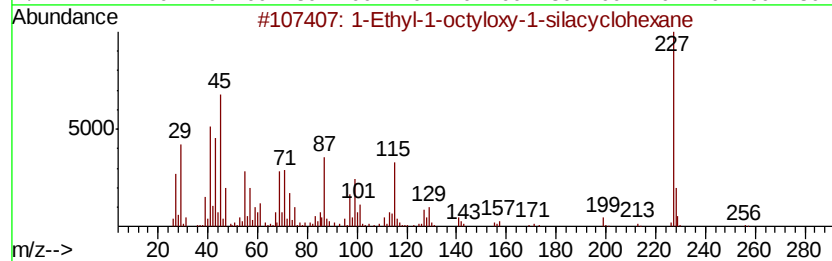
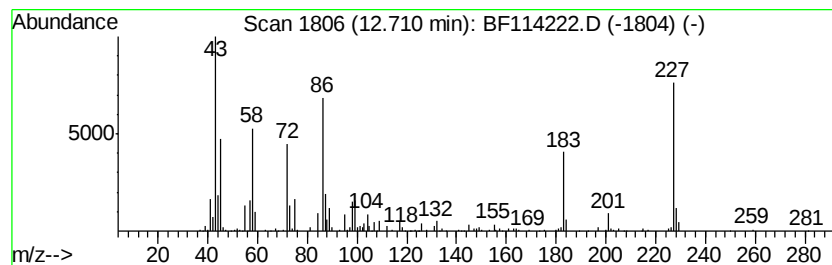
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.71 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	7.26 ng	907501	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-1-octyloxv-1-silacvclohe...	256	C15H32OSi	1000279-37-9	35
2		4,5-Dimethoxy-2-nitrobenzoic acid	227	C9H9NO6	004998-07-6	18
3		1,3-Dioxolane, 2-(4-bromophenvl)...	242	C10H11BrO2	004360-68-3	16
4		2-Methyl 5-trimethylsilyl furan-...	242	C10H14O5Si	1000372-69-1	12
5		1-Methyl-1-n-butyl-1-silacyclobu...	142	C8H18Si	003944-04-5	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
Acq On : 13 May 2019 12:21
Operator : JU/SJ
Sample : K2750-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

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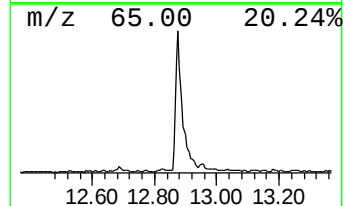
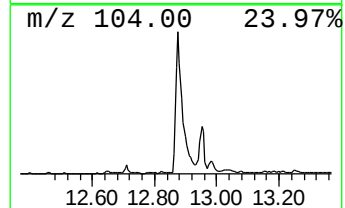
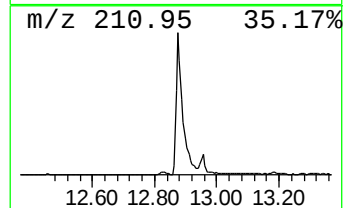
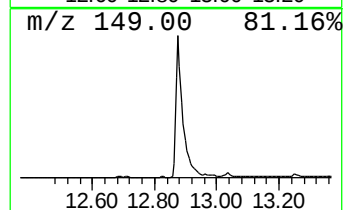
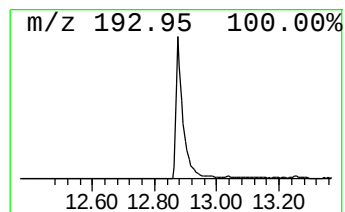
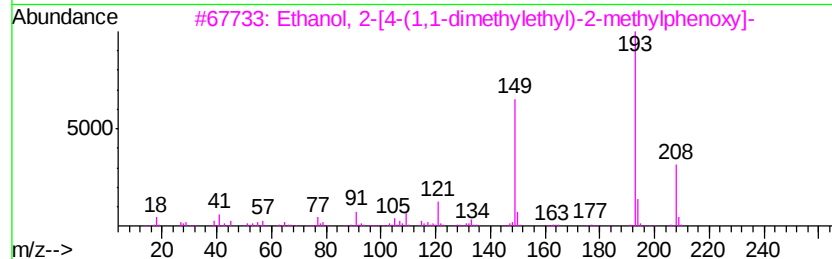
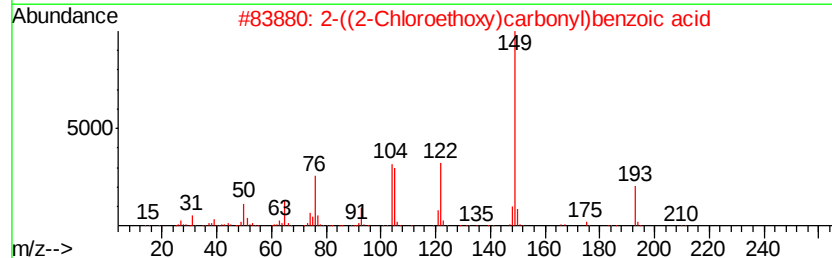
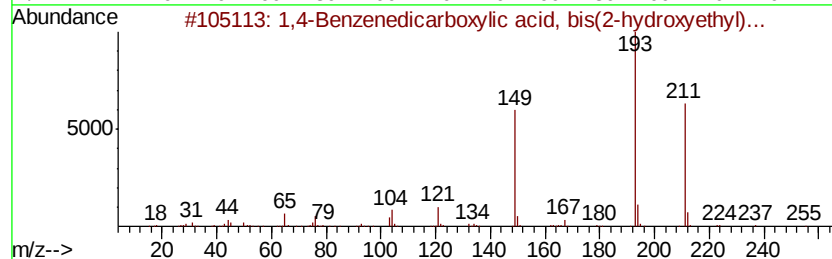
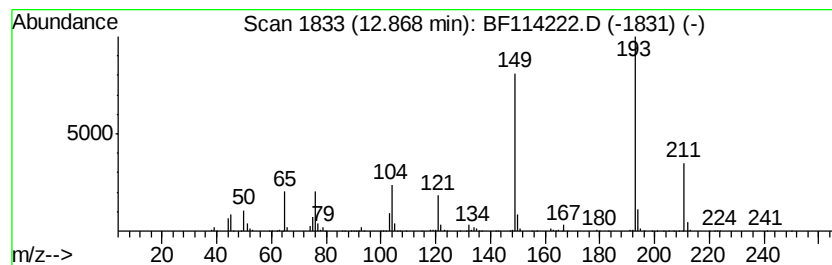
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown12.87 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	14.60 ng	1825770	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Benzenedicarboxylic acid, bi...	254	C12H14O6	000959-26-2	47
2		2-((2-Chloroethoxy)carbonyl)benz...	228	C10H9ClO4	1000373-53-5	42
3		Ethanol, 2-[4-(1,1-dimethylethyl)...]	208	C13H20O2	054934-87-1	40
4		2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	38
5		2-(Propoxycarbonyl)benzoic acid	208	C11H12O4	1000373-63-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
Acq On : 13 May 2019 12:21
Operator : JU/SJ
Sample : K2750-03
Misc :
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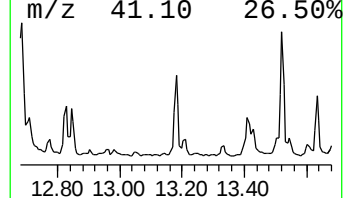
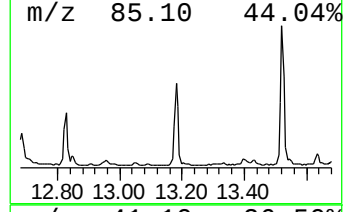
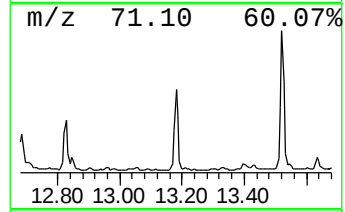
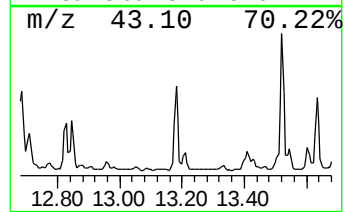
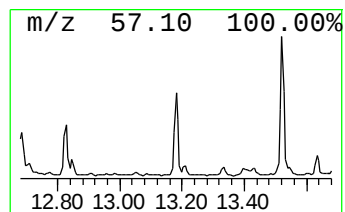
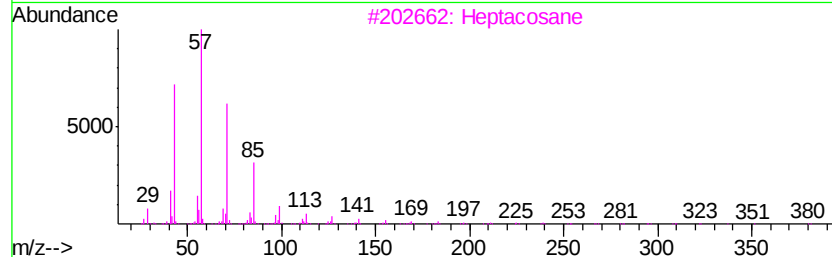
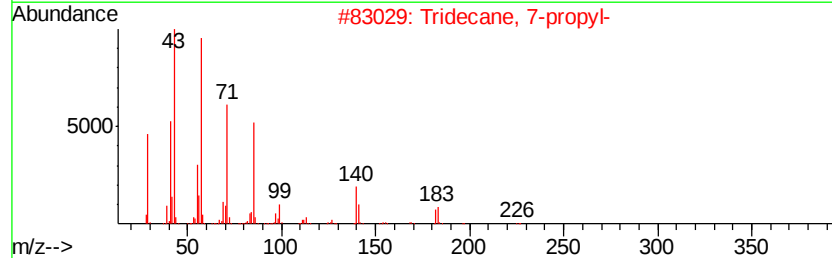
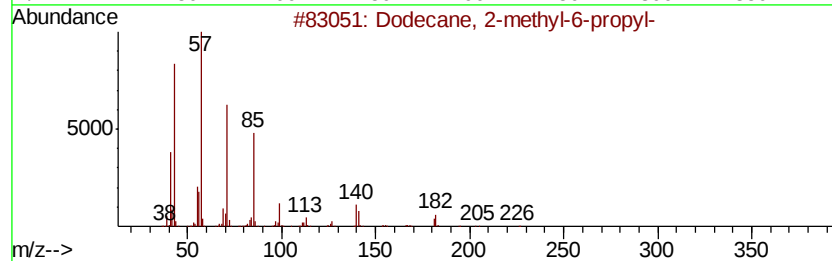
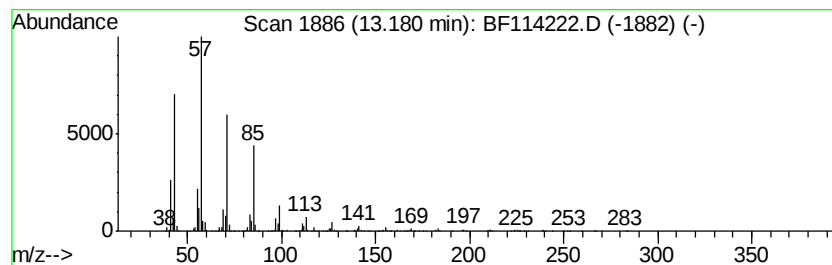
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	8.86 ng	1108210	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
Acq On : 13 May 2019 12:21
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Sample : K2750-03
Misc :
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ClientSampleId :
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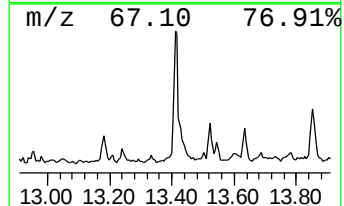
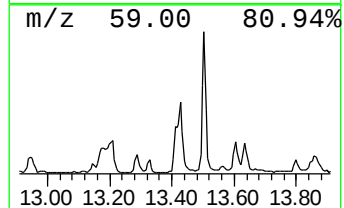
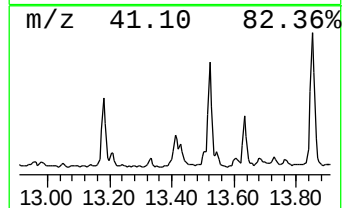
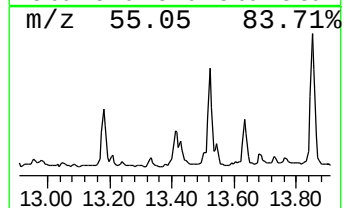
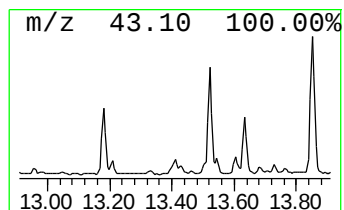
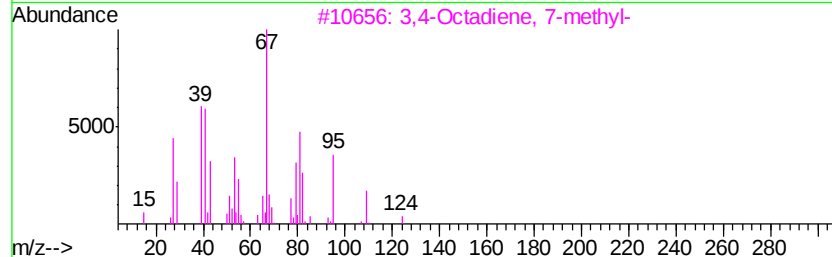
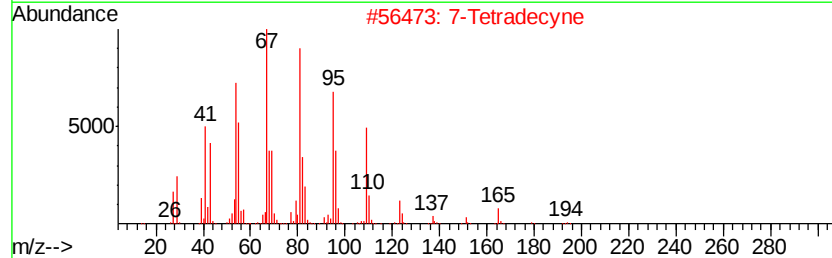
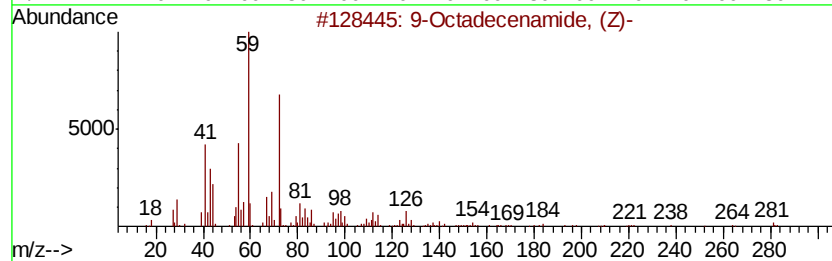
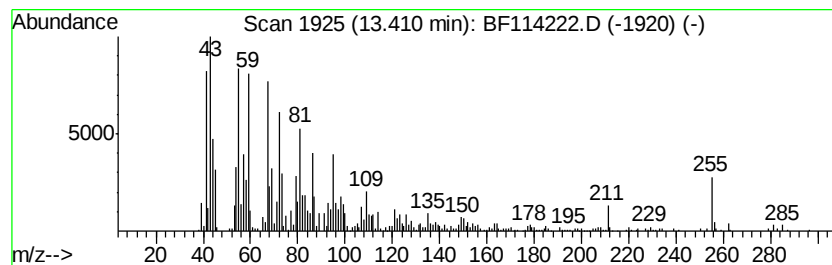
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	8.71 ng	1089030	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2			7-Tetradecyne	194	C14H26	035216-11-6	44
3			3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	30
4			trans-2,7-Dimethyl-3,6-octadien-...	154	C10H18O	038092-33-0	30
5			5-Dodecyne	166	C12H22	019780-12-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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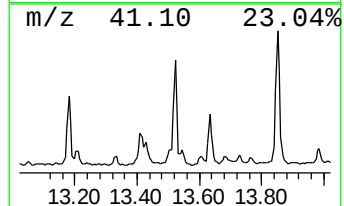
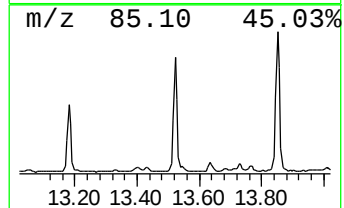
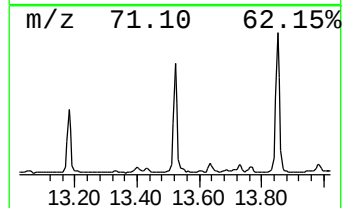
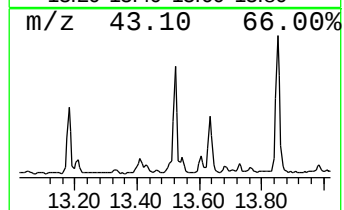
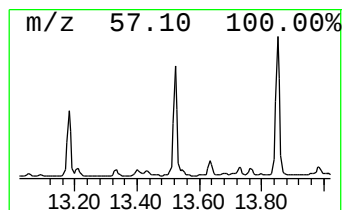
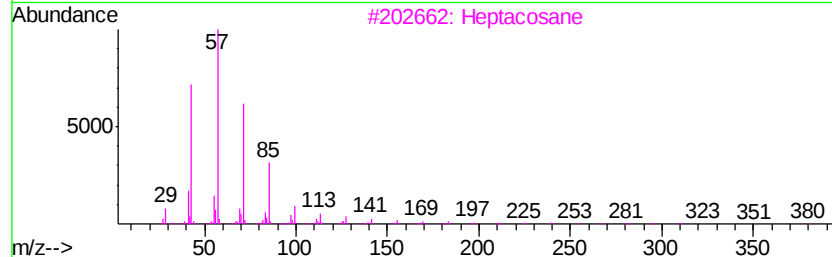
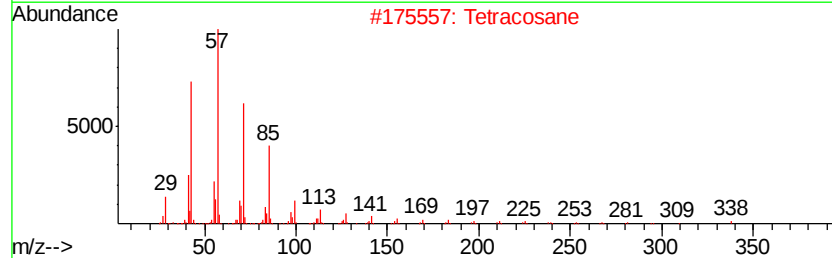
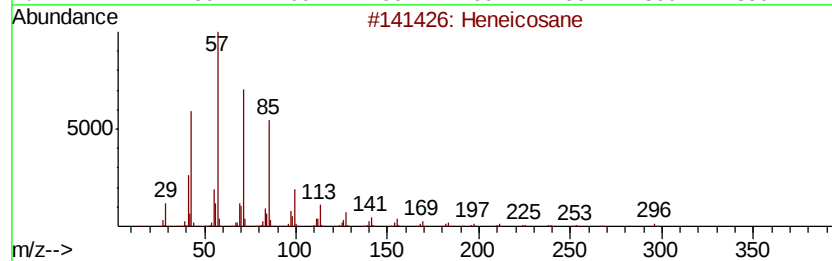
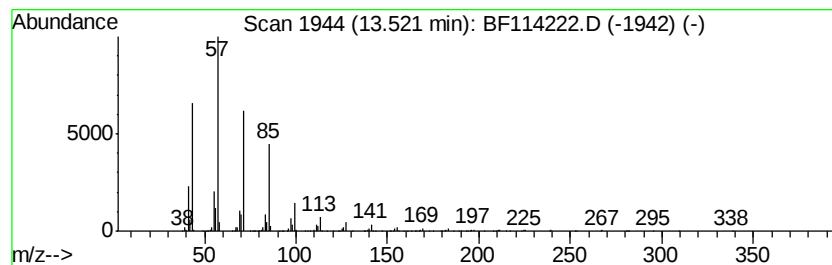
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	12.73 ng	1592270	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	90
2	Tetracosane	338 C24H50	000646-31-1	90
3	Heptacosane	380 C27H56	000593-49-7	87
4	Nonadecane, 9-methyl-	282 C20H42	013287-24-6	80
5	Octacosane	394 C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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Acq On : 13 May 2019 12:21
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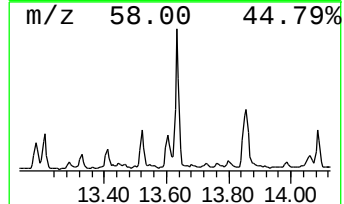
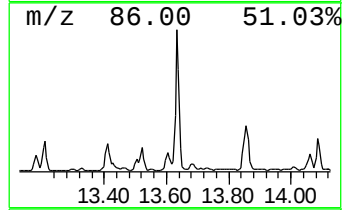
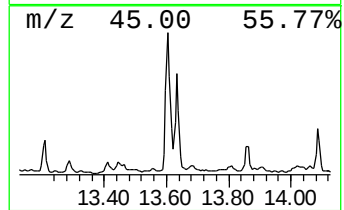
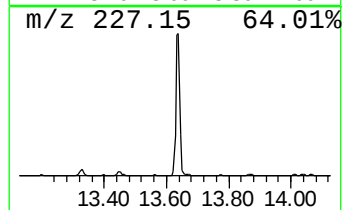
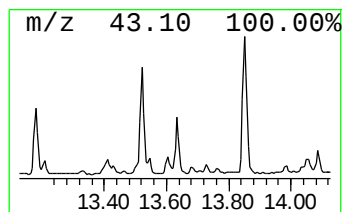
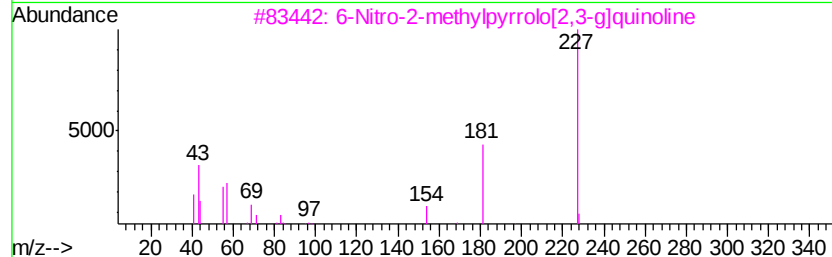
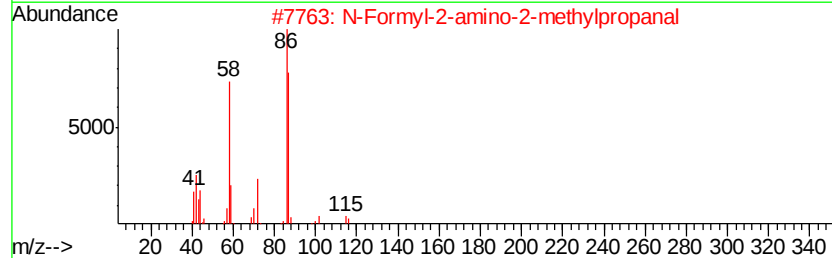
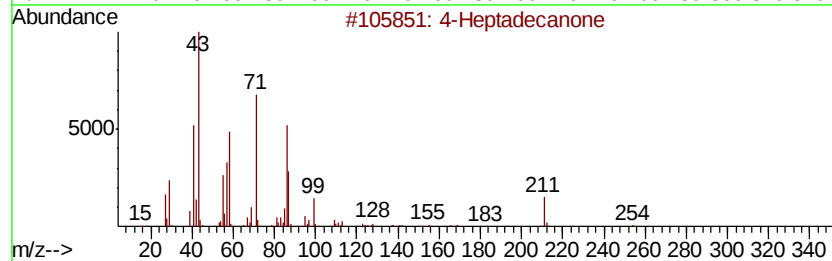
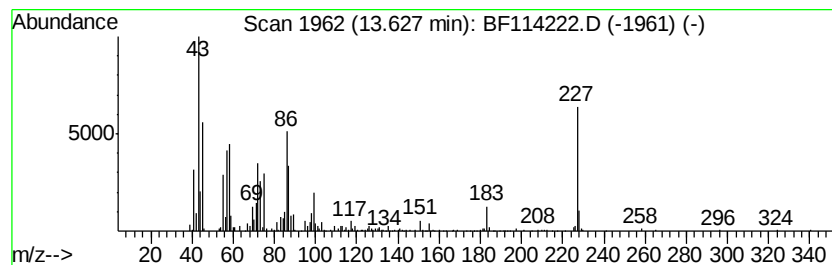
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.63 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	9.83 ng	1229820	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptadecanone	254	C17H34O	053685-77-1	27
2			N-Formyl-2-amino-2-methylpropanal	115	C5H9NO2	207000-26-8	25
3			6-Nitro-2-methylpyrrolo[2,3-a]qu...	227	C12H9N3O2	1000071-35-1	25
4			4-Carbethoxy-2-oxazolidone	159	C6H9NO4	062941-94-0	22
5			Phenol, 4-[[[4-methoxyphenyl]met...	227	C14H13NO2	003230-39-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
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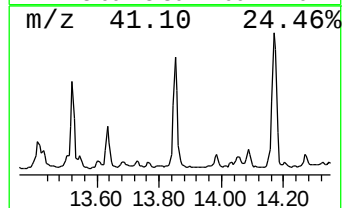
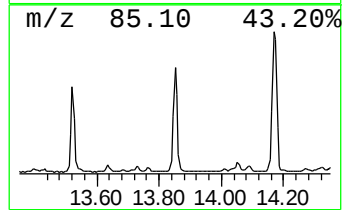
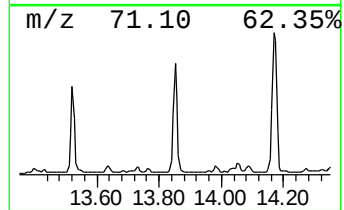
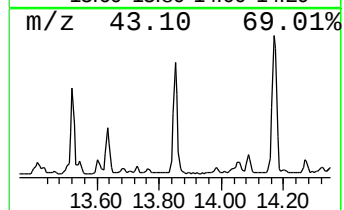
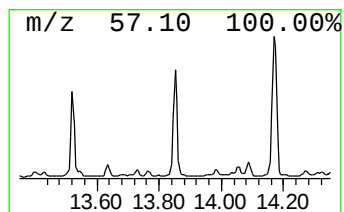
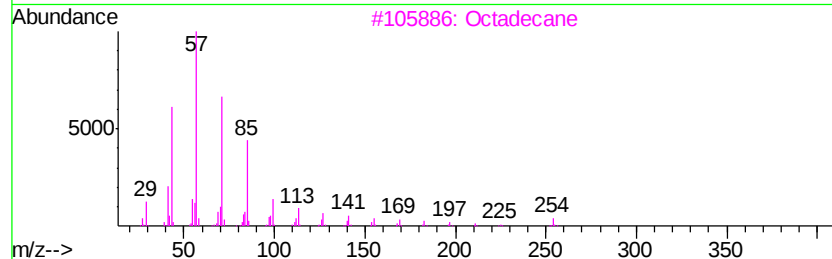
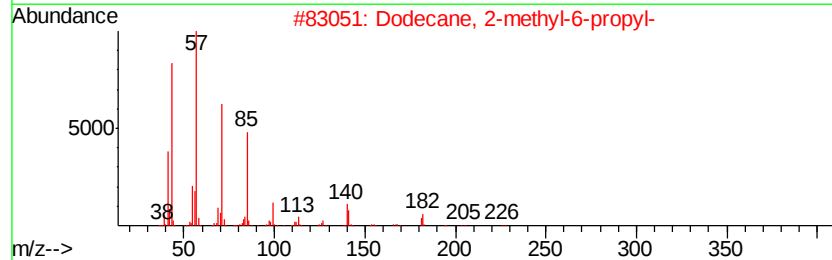
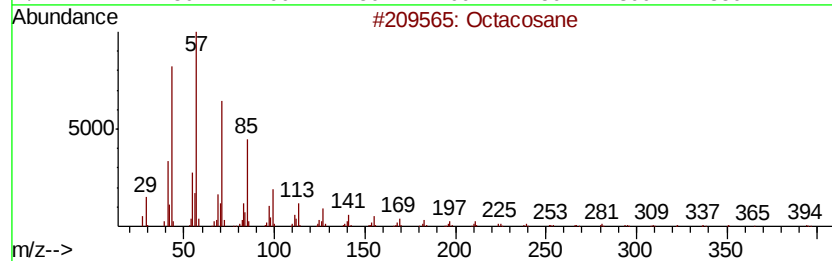
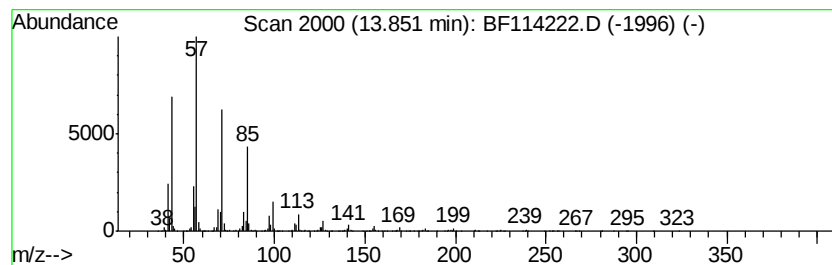
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	21.40 ng	2675860	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
Acq On : 13 May 2019 12:21
Operator : JU/SJ
Sample : K2750-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

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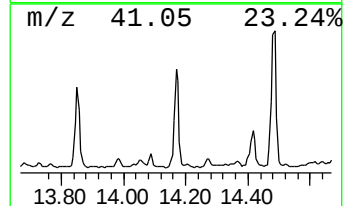
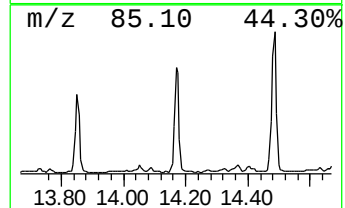
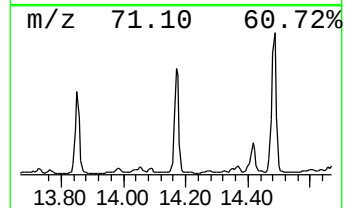
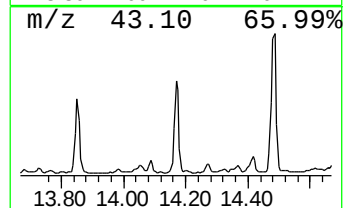
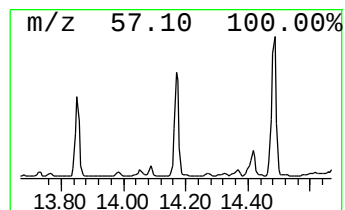
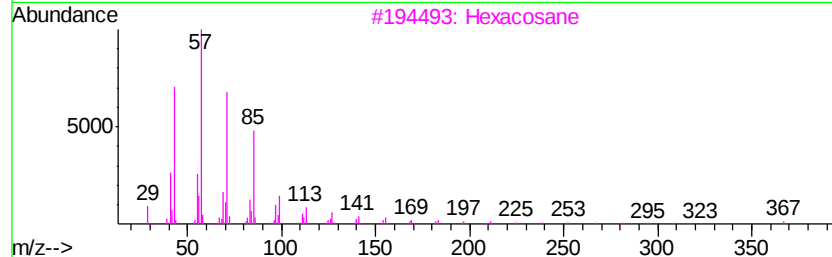
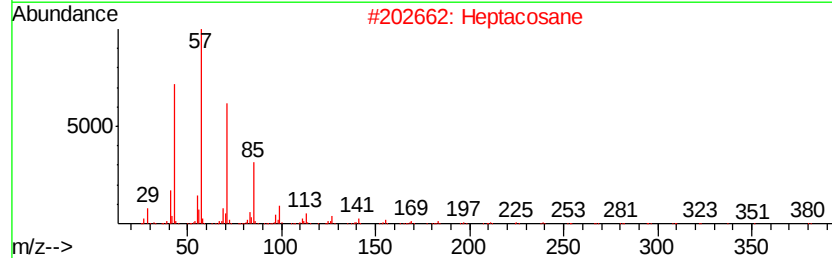
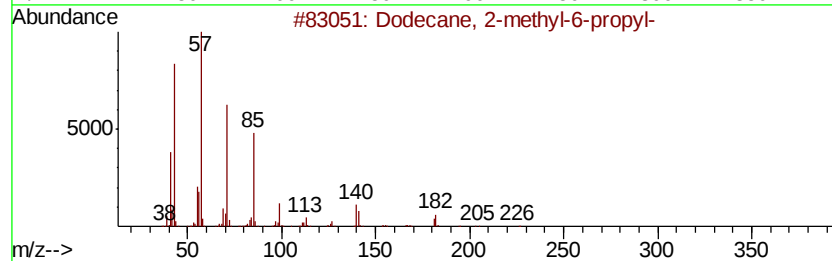
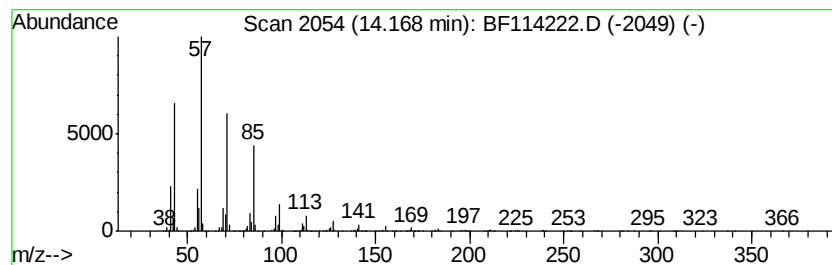
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Iodo-2-methylundecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	27.45 ng	3432340	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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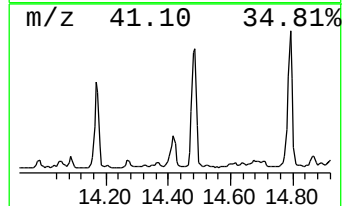
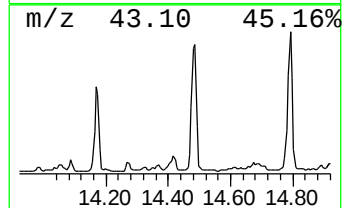
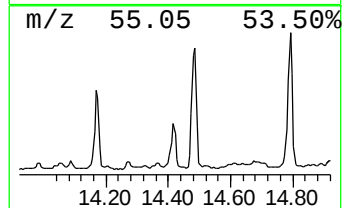
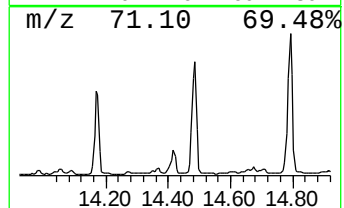
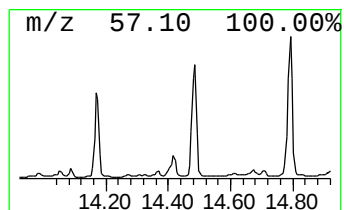
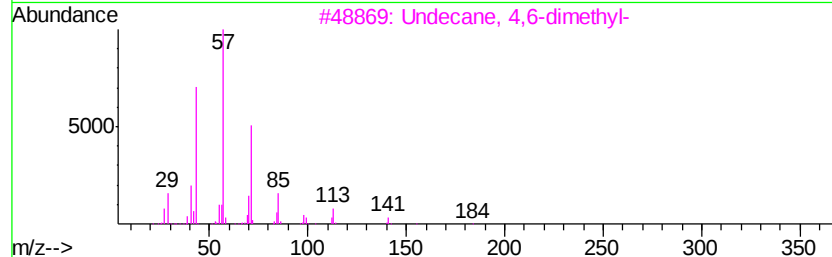
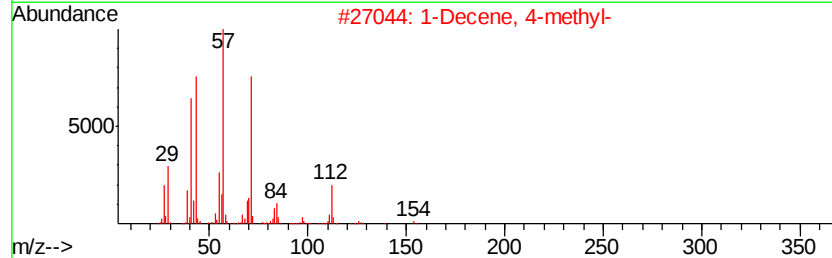
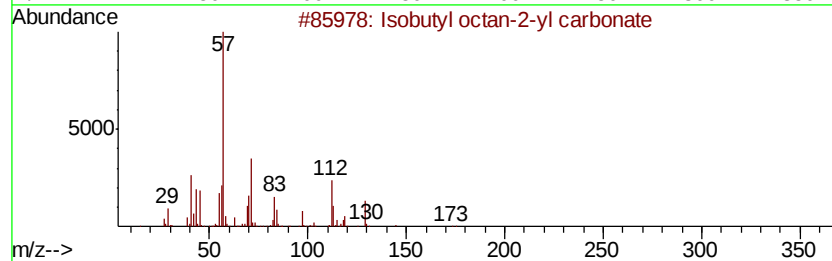
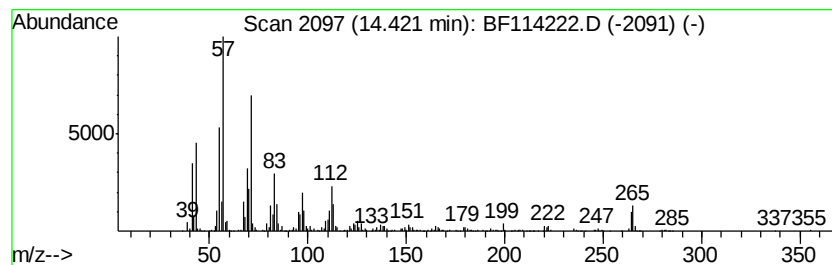
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Isobutyl octan-2-yl carbonate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	11.43 ng	1429070	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	58
2		1-Decene, 4-methyl-	154	C11H22	013151-29-6	47
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
4		Oleic Acid	282	C18H34O2	000112-80-1	41
5		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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Acq On : 13 May 2019 12:21
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Sample : K2750-03
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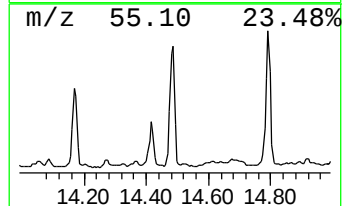
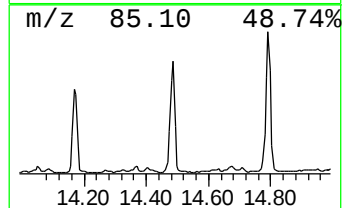
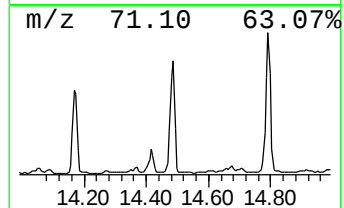
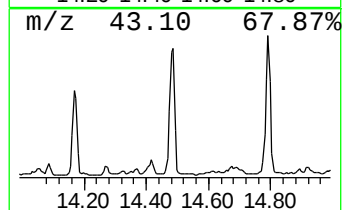
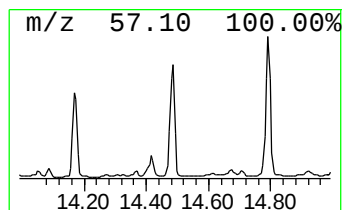
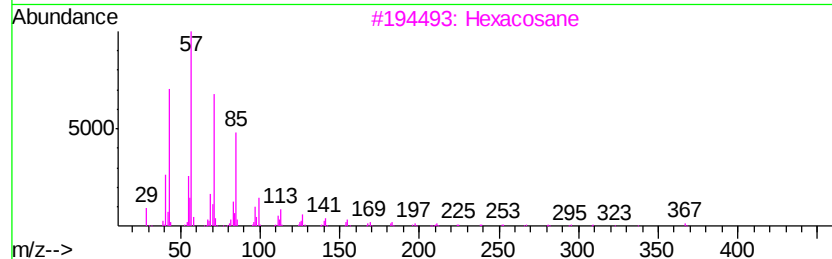
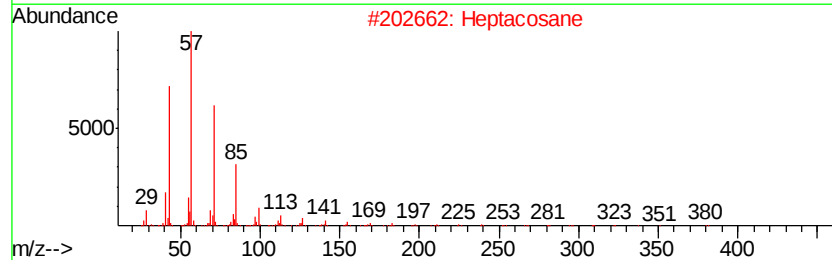
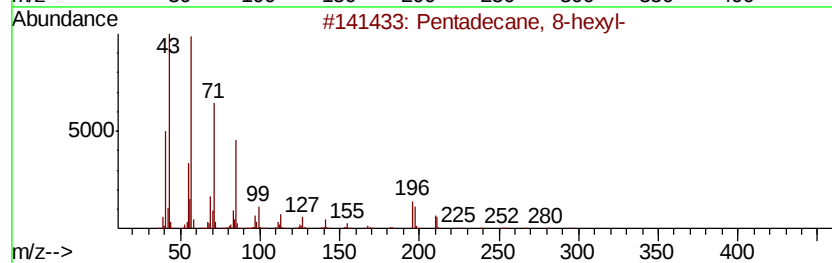
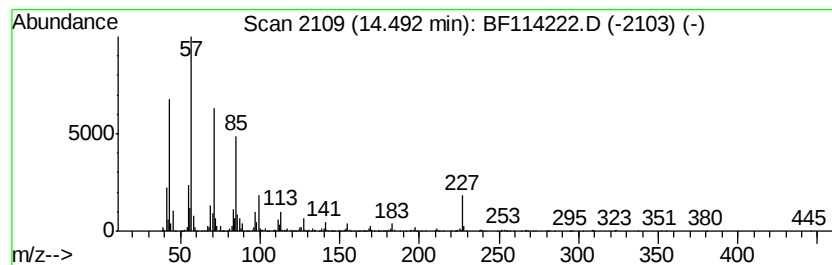
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 8-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	49.23 ng	6156790	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 8-hexyl-	296 C21H44	013475-75-7 89
2		Heptacosane	380 C27H56	000593-49-7 81
3		Hexacosane	366 C26H54	000630-01-3 81
4		Octacosane	394 C28H58	000630-02-4 81
5		2-methyloctacosane	408 C29H60	1000376-72-8 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
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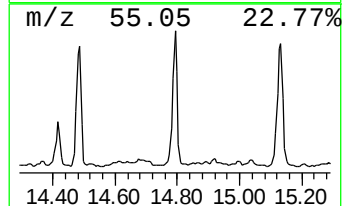
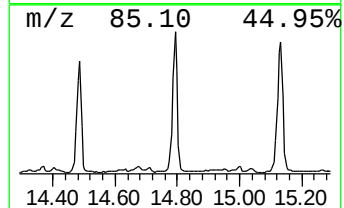
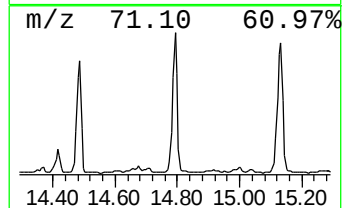
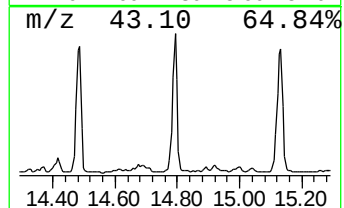
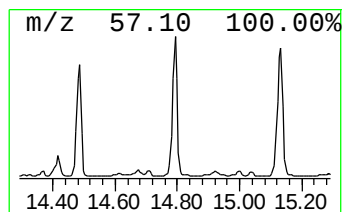
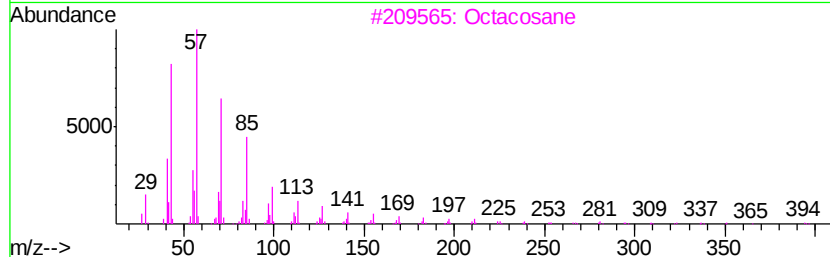
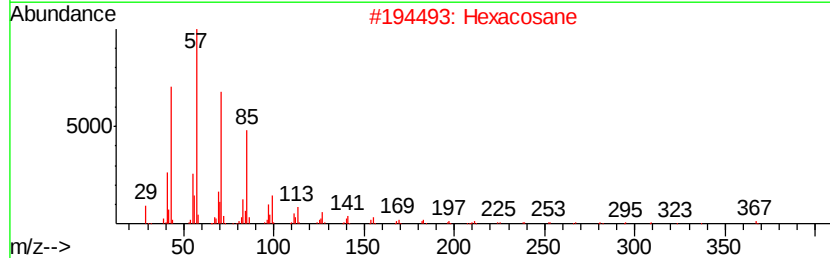
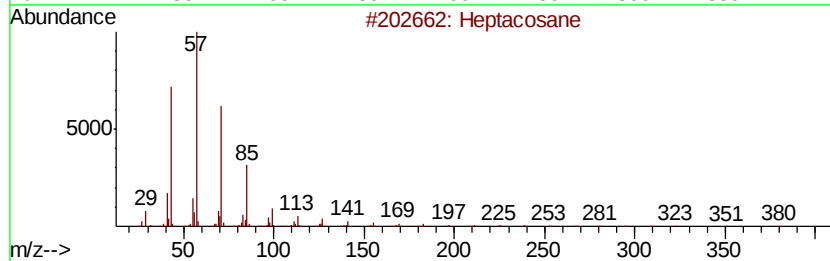
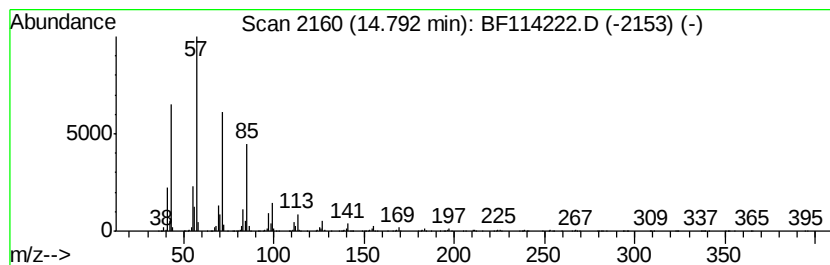
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	14.42 ng	6042270	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
Acq On : 13 May 2019 12:21
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Misc :
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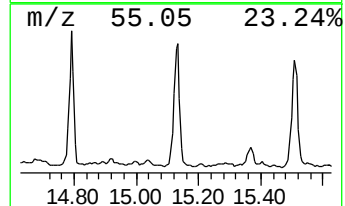
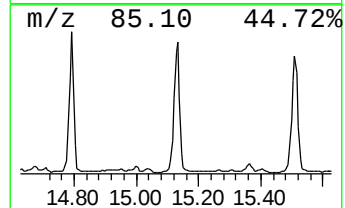
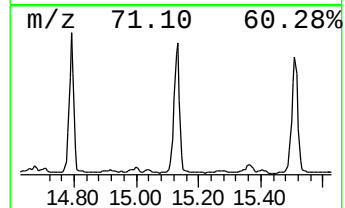
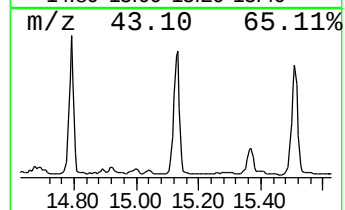
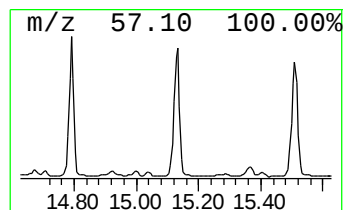
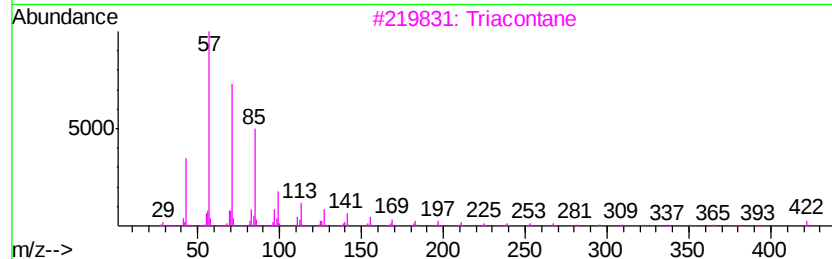
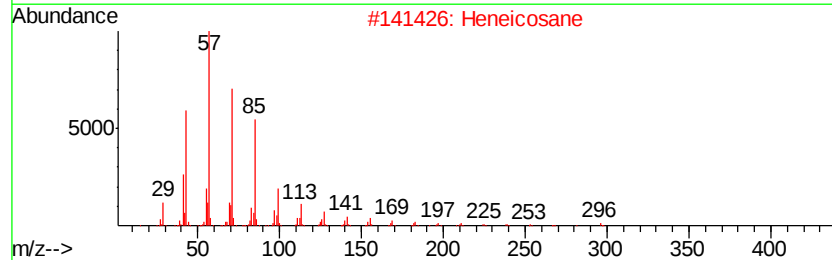
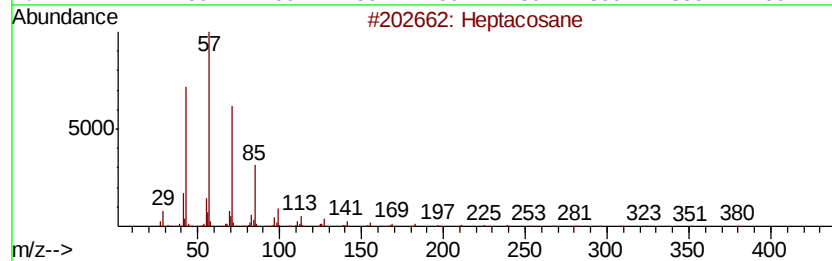
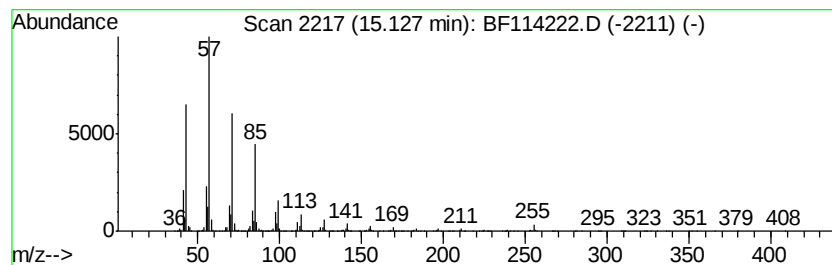
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	17.08 ng	7154810	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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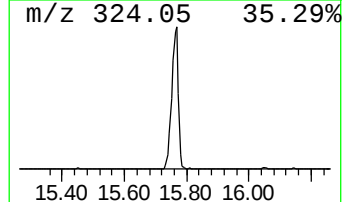
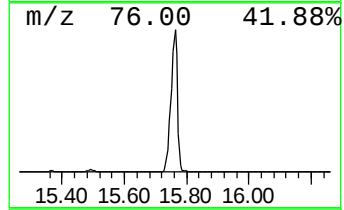
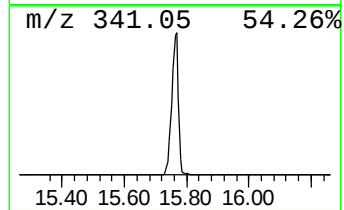
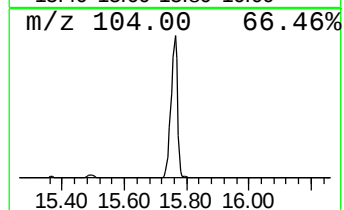
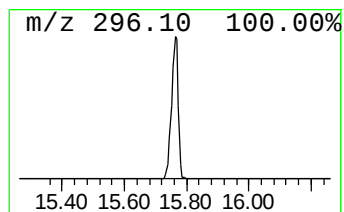
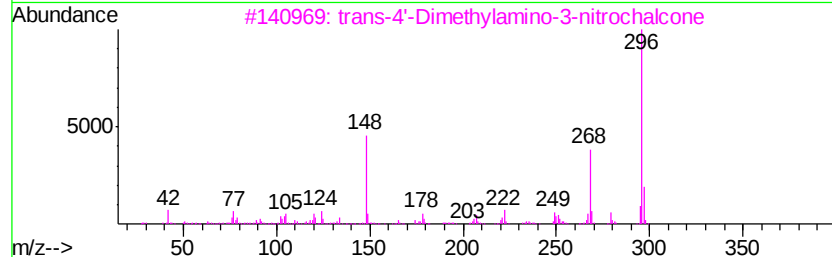
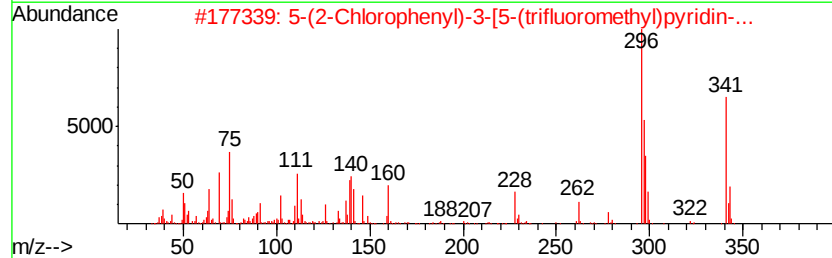
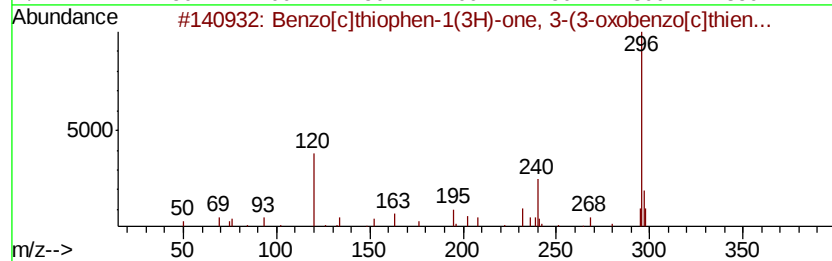
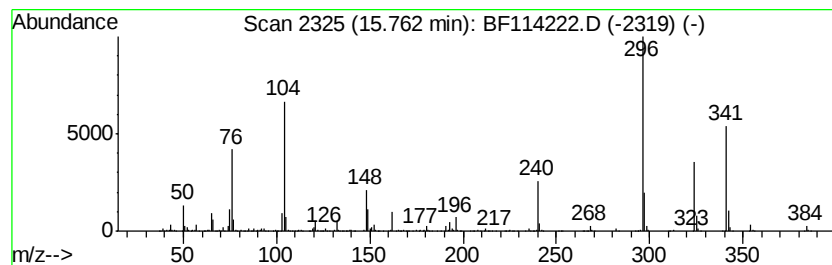
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown15.76 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	11.49 ng	4812330	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophen-1(3H)-one, 3-(3...	296	C16H8O2S2	023667-32-5	27
2		5-(2-Chlorophenyl)-3-[5-(trifluo...	341	C14H7ClF3N3O2	287979-09-3	17
3		trans-4'-Dimethylamino-3-nitroch...	296	C17H16N2O3	1000234-56-7	16
4		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	14
5		Phthalic anhydride	148	C8H4O3	000085-44-9	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
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Sample : K2750-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11995

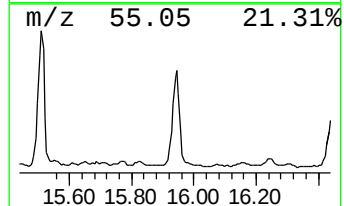
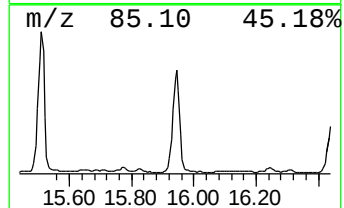
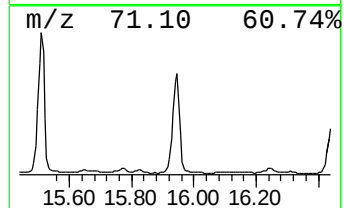
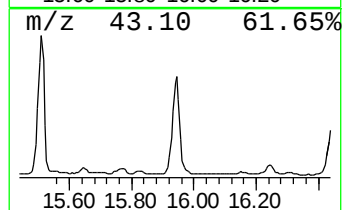
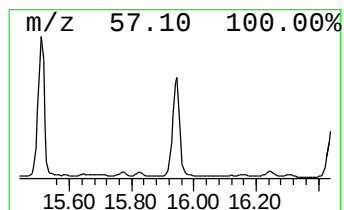
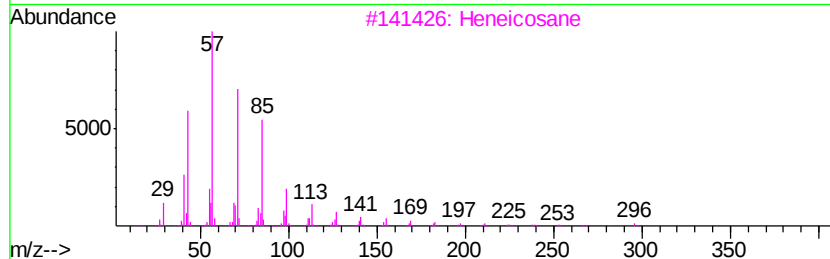
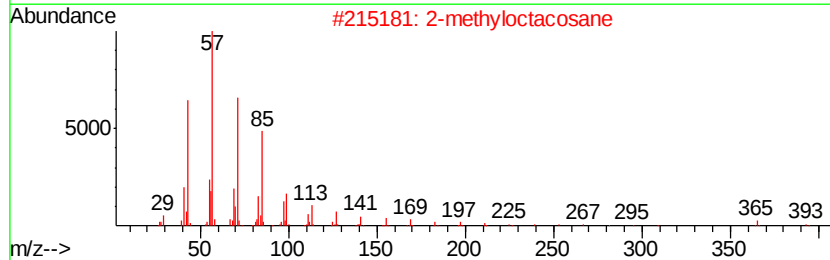
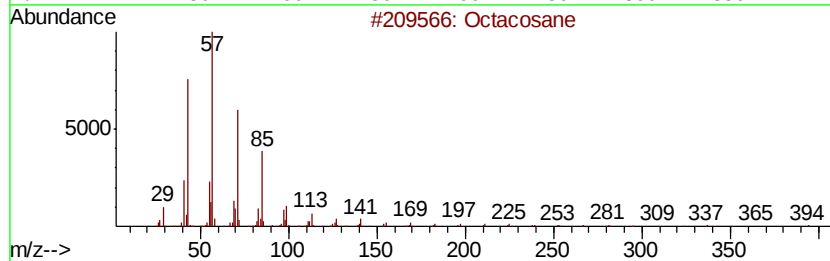
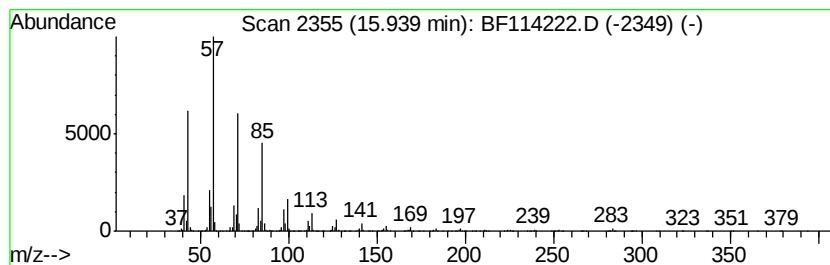
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	13.92 ng	5831690	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
Acq On : 13 May 2019 12:21
Operator : JU/SJ
Sample : K2750-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11995

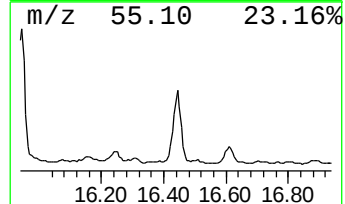
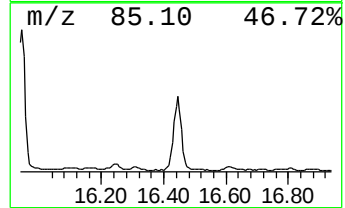
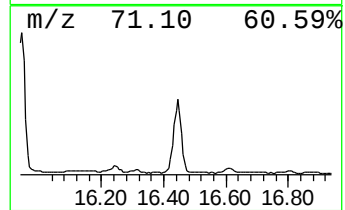
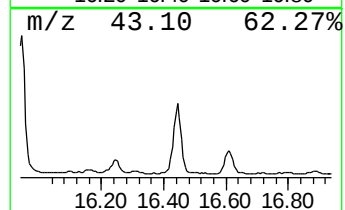
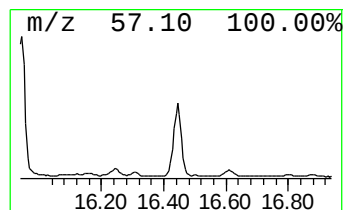
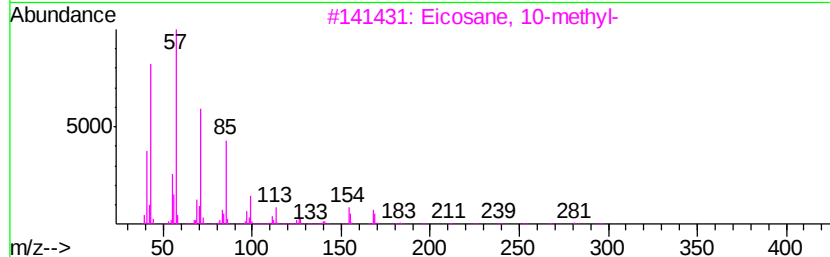
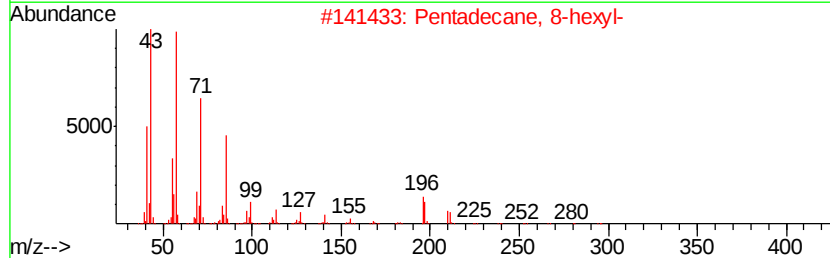
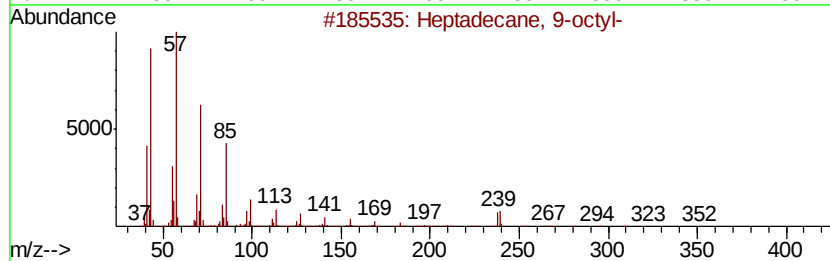
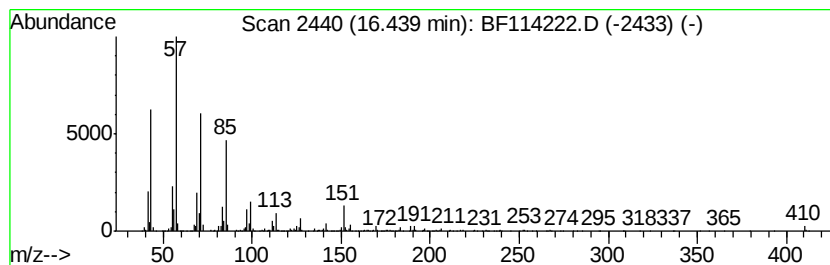
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	8.36 ng	3501890	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114222.D
Acq On : 13 May 2019 12:21
Operator : JU/SJ
Sample : K2750-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11995

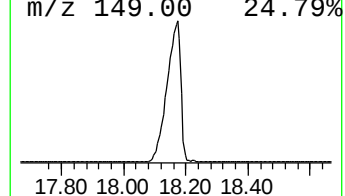
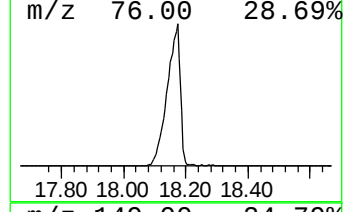
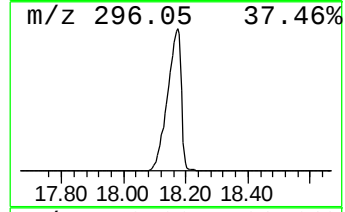
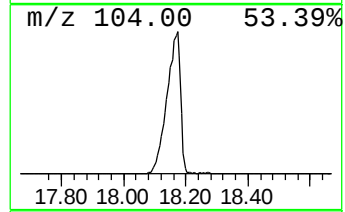
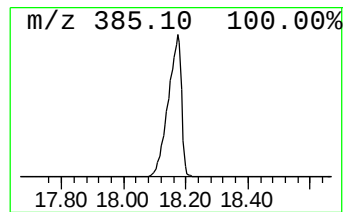
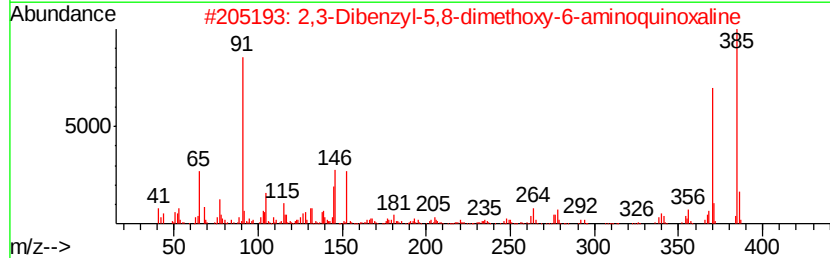
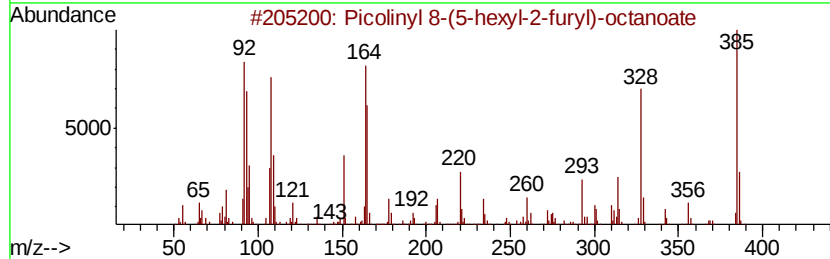
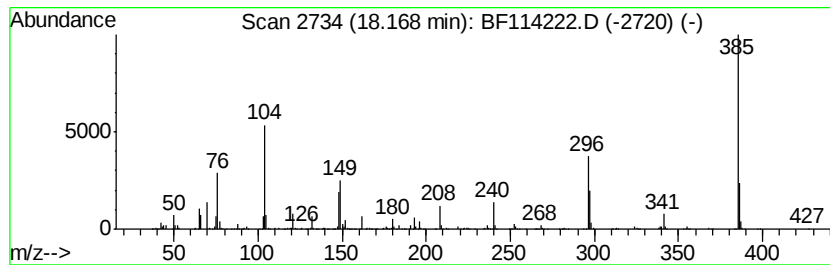
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.17 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	19.33 ng	8098070	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picolinyl 8-(5-hexyl-2-furyl)-oc...	385	C24H35NO3	1000335-93-0	30
2		2,3-Dibenzyl-5,8-dimethoxy-6-amino...	385	C24H23N3O2	056393-28-3	17
3		Silane, diethylhexyloxypentadecyl...	414	C25H54O2Si	1000363-74-3	12
4		Silane, diethyl(2-methylpent-3-yl)...	414	C25H54O2Si	1000363-78-6	12
5		[2.2]Paracyclophane	208	C16H16	001633-22-3	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114222.D
 Acq On : 13 May 2019 12:21
 Operator : JU/SJ
 Sample : K2750-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

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	48.0	ng	4113320	1	6.85	1714710	20.0
unknown6.63	6.63	49.7	ng	4258520	1	6.85	1714710	20.0
Octadecanoic acid	12.69	14.2	ng	2011760	4	11.37	2842700	20.0
unknown12.71	12.71	7.3	ng	907501	5	14.01	2500990	20.0
unknown12.87	12.87	14.6	ng	1825770	5	14.01	2500990	20.0
Dodecane, 2-methy...	13.18	8.9	ng	1108210	5	14.01	2500990	20.0
9-Octadecenamide, ...	13.41	8.7	ng	1089030	5	14.01	2500990	20.0
Heneicosane	13.52	12.7	ng	1592270	5	14.01	2500990	20.0
unknown13.63	13.63	9.8	ng	1229820	5	14.01	2500990	20.0
Octacosane	13.85	21.4	ng	2675860	5	14.01	2500990	20.0
1-Iodo-2-methylun...	14.17	27.4	ng	3432340	5	14.01	2500990	20.0
Isobutyl octan-2-...	14.42	11.4	ng	1429070	5	14.01	2500990	20.0
Pentadecane, 8-he...	14.49	49.2	ng	6156790	5	14.01	2500990	20.0
Heptacosane	14.79	14.4	ng	6042270	6	15.49	8378150	20.0
Triacontane	15.13	17.1	ng	7154810	6	15.49	8378150	20.0
unknown15.76	15.76	11.5	ng	4812330	6	15.49	8378150	20.0
2-methyloctacosane	15.94	13.9	ng	5831690	6	15.49	8378150	20.0
Heptadecane, 9-oc...	16.44	8.4	ng	3501890	6	15.49	8378150	20.0
unknown18.17	18.17	19.3	ng	8098070	6	15.49	8378150	20.0