

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114191.D
 Acq On : 12 May 2019 14:46
 Operator : JU/SJ
 Sample : K2766-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

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	3.916	301	311	323	rBV	947445	1336163	11.66%	1.123%
2	5.057	502	505	517	rVB	466994	517582	4.52%	0.435%
3	5.475	566	576	588	rBV	3452798	3557604	31.04%	2.991%
4	6.487	744	748	757	rBV	3705021	3396083	29.63%	2.855%
5	6.622	767	771	774	rBV	4402168	3620040	31.58%	3.043%
6	6.851	806	810	813	rBV	2078061	1764347	15.39%	1.483%
7	7.004	833	836	840	rBV	3215342	2857704	24.93%	2.402%
8	7.410	900	905	908	rBV	2945369	2593088	22.62%	2.180%
9	8.128	1024	1027	1031	rVB	2490032	2169051	18.92%	1.823%
10	9.204	1206	1210	1213	rBV	4511898	3655184	31.89%	3.073%
11	9.304	1221	1227	1231	rVV4	80857	134100	1.17%	0.113%
12	9.598	1273	1277	1286	rVB	712165	782511	6.83%	0.658%
13	9.886	1322	1326	1338	rVB	2592153	2579190	22.50%	2.168%
14	10.051	1350	1354	1357	rBV2	162371	147517	1.29%	0.124%
15	10.669	1455	1459	1469	rBV	2601709	2408669	21.01%	2.025%
16	10.916	1497	1501	1504	rBV	238239	221085	1.93%	0.186%
17	11.027	1516	1520	1525	rBV2	218624	234260	2.04%	0.197%
18	11.322	1564	1570	1572	rBV6	88882	157452	1.37%	0.132%
19	11.369	1574	1578	1581	rVV	3004764	2615024	22.81%	2.198%
20	11.422	1584	1587	1590	rVV	324376	279616	2.44%	0.235%
21	11.474	1592	1596	1599	rBV4	94635	131567	1.15%	0.111%
22	11.586	1612	1615	1619	rBV3	108584	137514	1.20%	0.116%
23	11.898	1664	1668	1679	rVV	2343496	2495081	21.77%	2.098%
24	11.980	1679	1682	1685	rVB	259782	218098	1.90%	0.183%
25	12.045	1690	1693	1695	rVV2	171537	185215	1.62%	0.156%
26	12.069	1695	1697	1702	rVB	139557	160764	1.40%	0.135%
27	12.151	1708	1711	1713	rBV	165473	166953	1.46%	0.140%
28	12.186	1715	1717	1720	rVB2	125972	124227	1.08%	0.104%
29	12.227	1721	1724	1727	rBV2	229229	230581	2.01%	0.194%
30	12.410	1752	1755	1758	rBV3	118822	129614	1.13%	0.109%
31	12.451	1759	1762	1765	rVV	275068	269701	2.35%	0.227%
32	12.498	1765	1770	1774	rVB3	766833	911931	7.96%	0.767%
33	12.580	1782	1784	1786	rBV	149804	140586	1.23%	0.118%
34	12.633	1789	1793	1797	rVB	565197	562207	4.90%	0.473%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.680	1797	1801	1805	rBV2	1968272	2006637	17.51%	1.687%
36	12.810	1820	1823	1824	rBV	173644	145948	1.27%	0.123%
37	12.827	1824	1826	1835	rVB2	193927	224607	1.96%	0.189%
38	12.951	1842	1847	1853	rVB	3534015	3530003	30.80%	2.968%
39	13.045	1860	1863	1866	rBV	562335	459113	4.01%	0.386%
40	13.074	1866	1868	1872	rVB2	240433	255895	2.23%	0.215%
41	13.139	1875	1879	1881	rBV	1433671	1401133	12.22%	1.178%
42	13.180	1884	1886	1890	rVB	1269904	1026645	8.96%	0.863%
43	13.274	1899	1902	1904	rBV	180266	150759	1.32%	0.127%
44	13.327	1907	1911	1914	rBV	1624265	1442991	12.59%	1.213%
45	13.357	1914	1916	1919	rBV2	430307	386685	3.37%	0.325%
46	13.398	1920	1923	1925	rBV	220146	178003	1.55%	0.150%
47	13.433	1925	1929	1932	rBV2	625330	666391	5.81%	0.560%
48	13.504	1937	1941	1942	rBV4	195349	270301	2.36%	0.227%
49	13.527	1942	1945	1946	rVV	735490	831328	7.25%	0.699%
50	13.539	1946	1947	1952	rVB	983974	697317	6.08%	0.586%
51	13.645	1961	1965	1969	rVB2	1038602	1041983	9.09%	0.876%
52	13.686	1969	1972	1975	rVB	386003	322235	2.81%	0.271%
53	13.845	1993	1999	2006	rBV2	5535578	8385619	73.16%	7.050%
54	13.898	2006	2008	2012	rVB2	299101	342827	2.99%	0.288%
55	13.968	2018	2020	2023	rBV3	185839	221395	1.93%	0.186%
56	14.010	2023	2027	2029	rVV	1837491	1816796	15.85%	1.527%
57	14.039	2029	2032	2034	rVV	1336040	1222677	10.67%	1.028%
58	14.063	2034	2036	2042	rVB	367451	344885	3.01%	0.290%
59	14.168	2050	2054	2056	rBV	809657	978251	8.53%	0.822%
60	14.257	2066	2069	2072	rBV	594583	569735	4.97%	0.479%
61	14.292	2072	2075	2081	rVB2	653906	753105	6.57%	0.633%
62	14.345	2081	2084	2086	rBV	316389	254302	2.22%	0.214%
63	14.480	2103	2107	2114	rBV2	8324945	11462435	100.00%	9.636%
64	14.527	2114	2115	2120	rVB	505416	467744	4.08%	0.393%
65	14.598	2125	2127	2130	rBV	271716	240340	2.10%	0.202%
66	14.692	2140	2143	2145	rBV	583557	596403	5.20%	0.501%
67	14.780	2154	2158	2160	rBV	769633	937818	8.18%	0.788%
68	14.804	2160	2162	2167	rVV2	793841	971665	8.48%	0.817%
69	14.851	2167	2170	2175	rVV2	391954	498912	4.35%	0.419%
70	14.921	2179	2182	2191	rBV2	926293	978904	8.54%	0.823%
71	15.115	2211	2215	2217	rBV	2110210	2633184	22.97%	2.214%

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72	15.145	2217	2220	2226	rVV	2880095	4149848	36.20%	3.489%
73	15.198	2226	2229	2240	rVV	904779	1240651	10.82%	1.043%
74	15.280	2240	2243	2251	rVB2	322184	437432	3.82%	0.368%
75	15.480	2272	2277	2283	rBV2	1666030	2657869	23.19%	2.234%
76	15.533	2283	2286	2292	rVB2	327760	423433	3.69%	0.356%
77	15.592	2293	2296	2306	rVB	335466	514758	4.49%	0.433%
78	15.692	2309	2313	2318	rBV	1054969	1636021	14.27%	1.375%
79	15.927	2348	2353	2358	rBV	1080561	1609182	14.04%	1.353%
80	15.980	2358	2362	2369	rVV	1364178	2319758	20.24%	1.950%
81	16.051	2369	2374	2378	rVB	893531	1333786	11.64%	1.121%
82	16.098	2379	2382	2389	rVB3	323078	512403	4.47%	0.431%
83	16.168	2390	2394	2397	rBV	295577	441640	3.85%	0.371%
84	16.433	2435	2439	2445	rVB2	297142	534496	4.66%	0.449%
85	16.580	2460	2464	2477	rVB3	271375	585386	5.11%	0.492%
86	16.721	2482	2488	2494	rVB	911578	1692667	14.77%	1.423%
87	17.115	2550	2555	2563	rBV2	390571	796078	6.95%	0.669%
88	17.203	2565	2570	2576	rVV	692601	1283602	11.20%	1.079%
89	17.527	2620	2625	2631	rBV5	309402	684690	5.97%	0.576%
90	17.603	2632	2638	2648	rVV4	1059095	2681360	23.39%	2.254%
91	17.698	2650	2654	2667	rVB7	294167	824349	7.19%	0.693%
92	17.856	2675	2681	2687	rBV4	401509	962786	8.40%	0.809%
93	18.550	2794	2799	2807	rVB4	257824	627136	5.47%	0.527%
94	18.815	2839	2844	2859	rVB2	450685	1398712	12.20%	1.176%

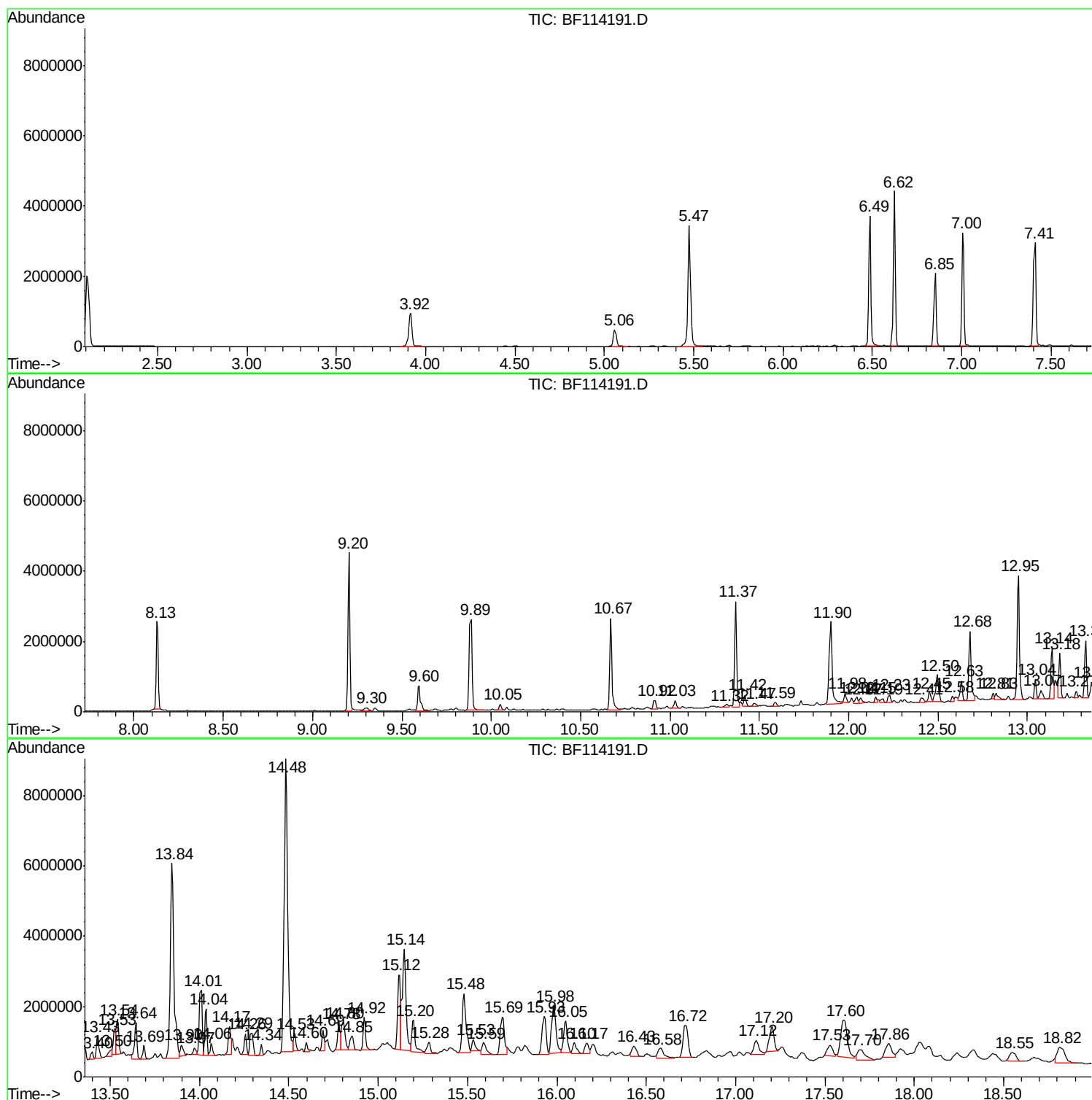
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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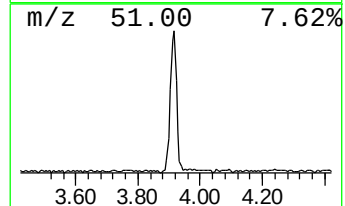
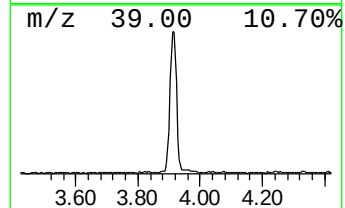
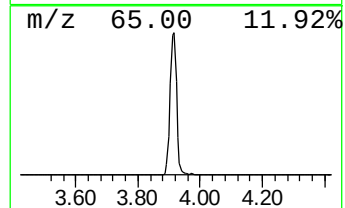
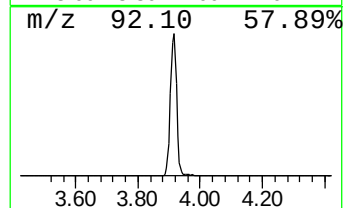
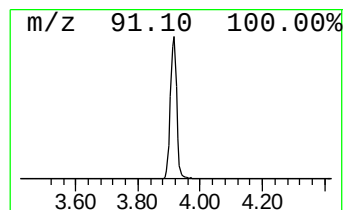
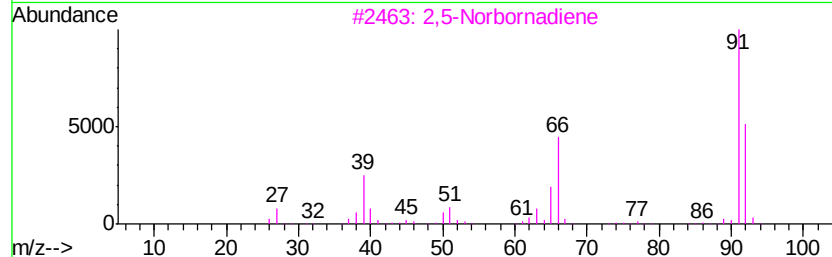
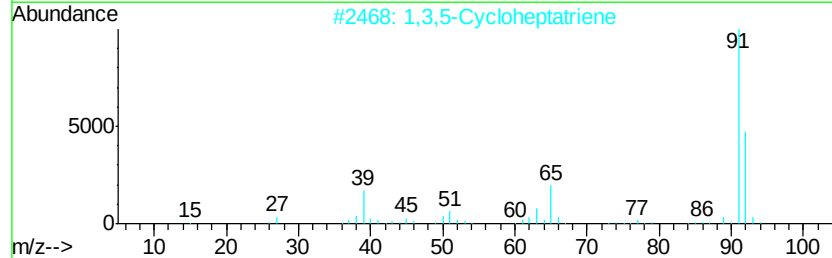
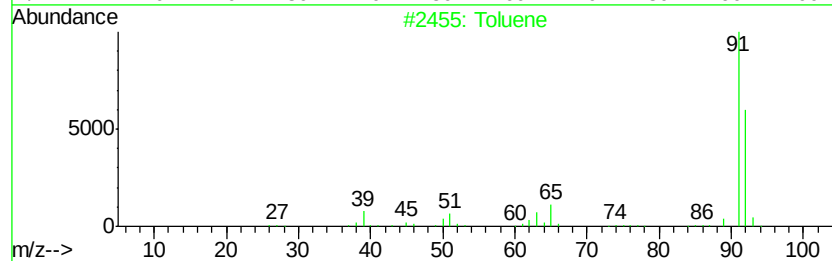
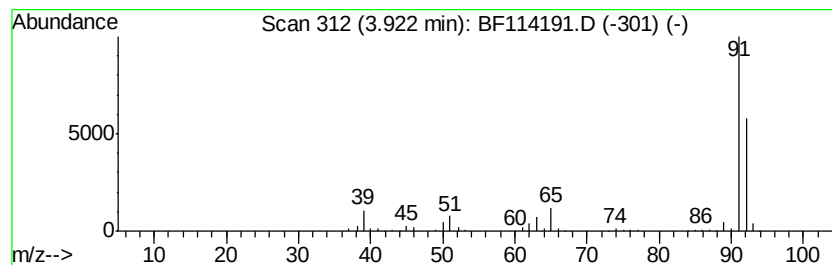
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	15.15 ng	1336160	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	95
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3			2,5-Norbornadiene	92	C7H8	000121-46-0	83
4			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	78
5			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	74



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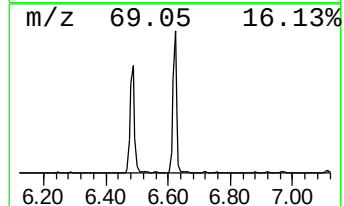
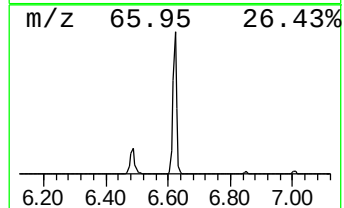
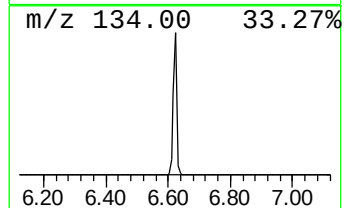
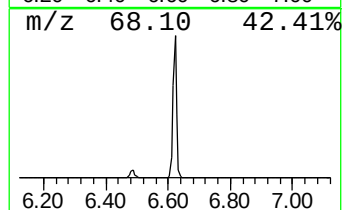
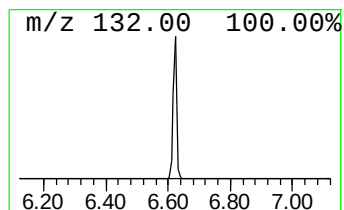
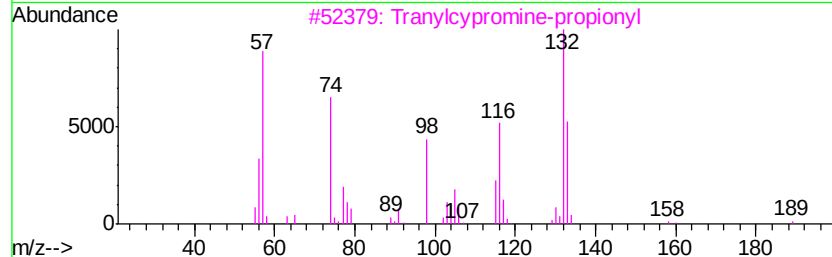
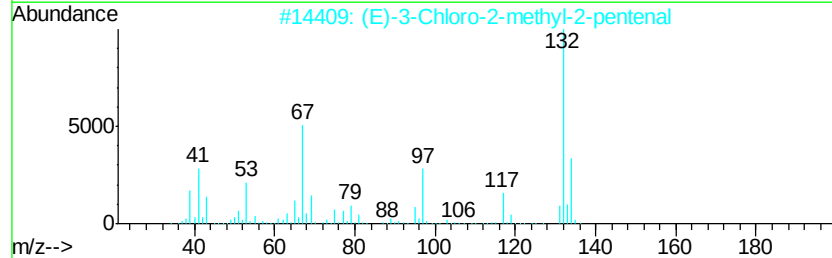
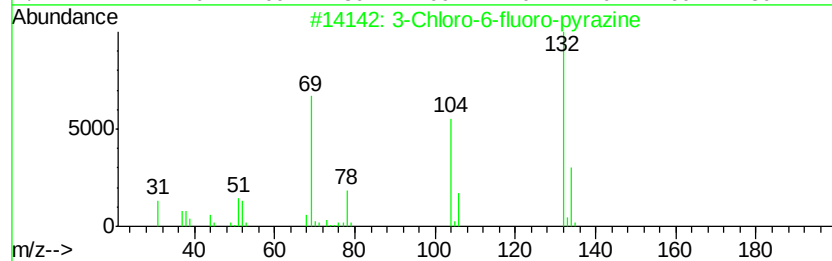
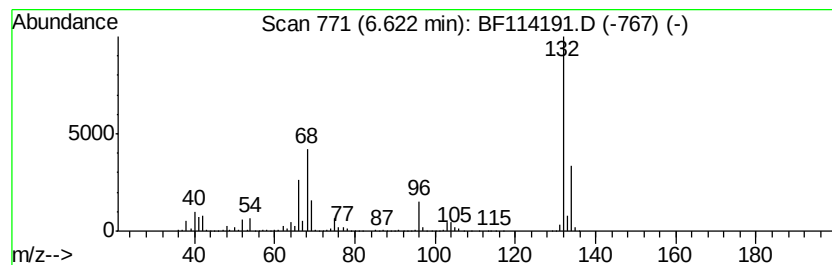
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	41.04 ng	3620040	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		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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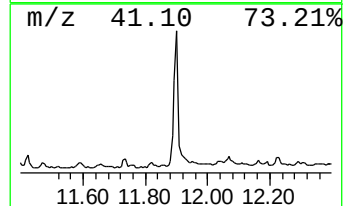
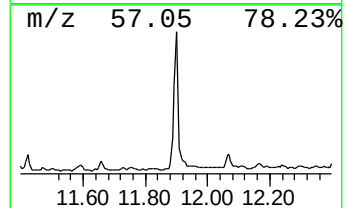
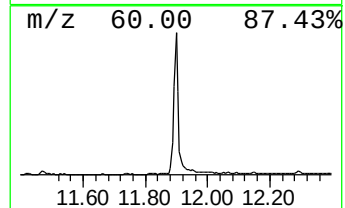
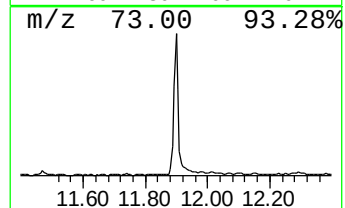
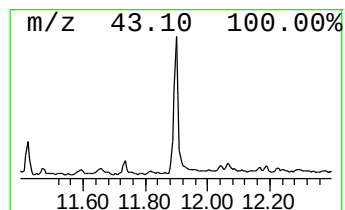
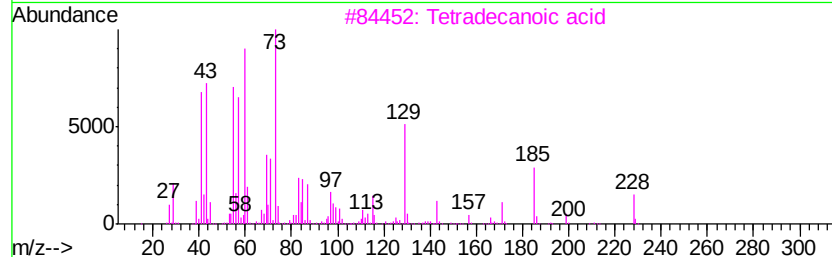
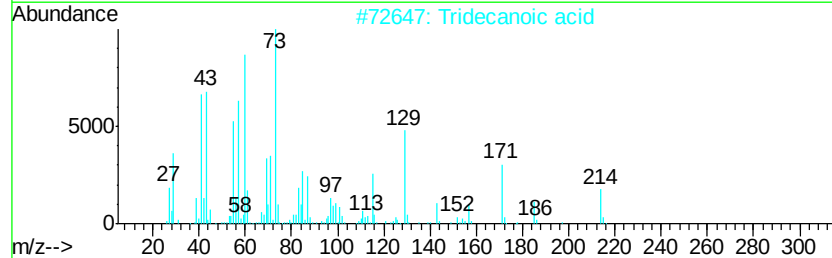
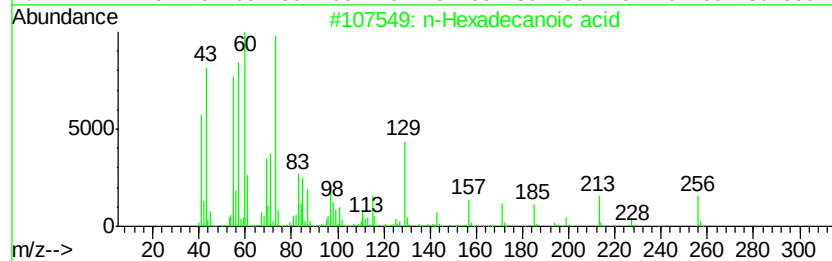
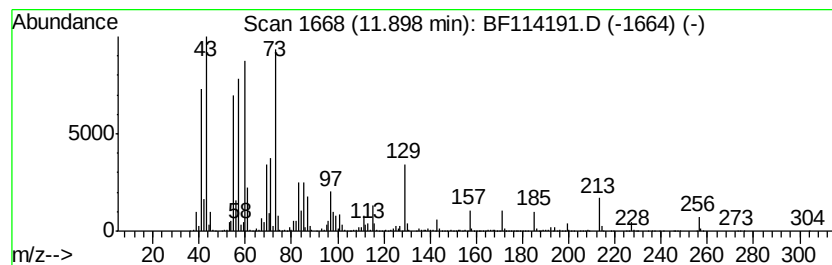
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.90	19.08 ng	2495080	Phenanthrene-d10		11.37	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
Acq On : 12 May 2019 14:46
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

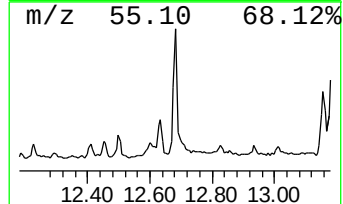
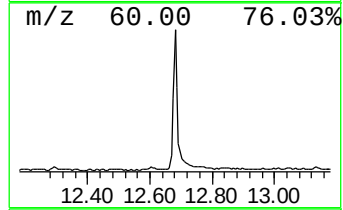
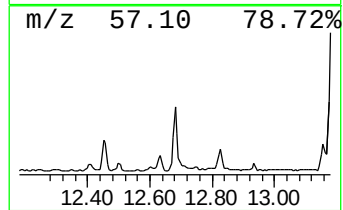
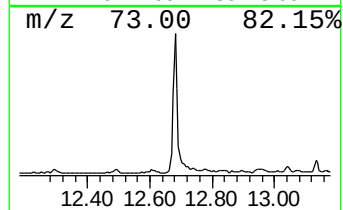
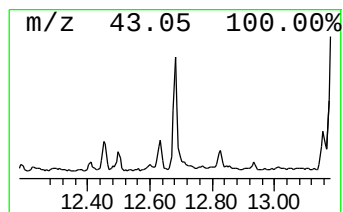
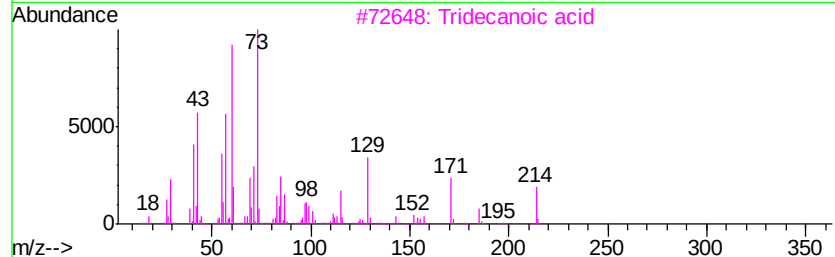
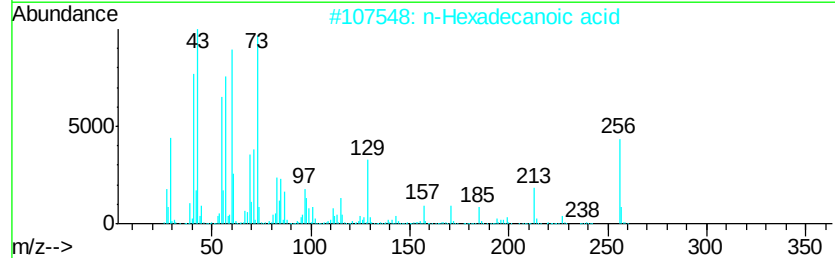
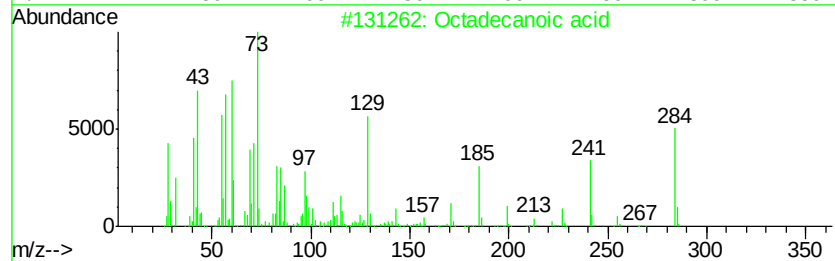
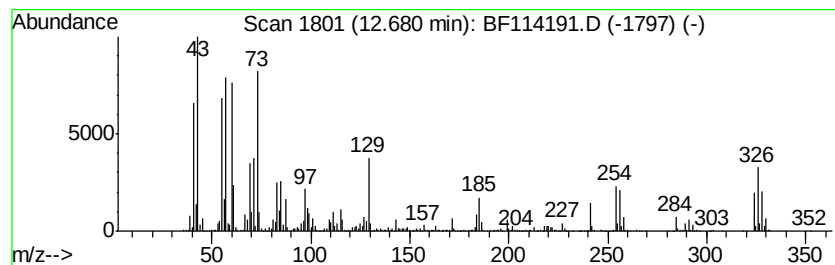
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	15.35 ng	2006640	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	55
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
Acq On : 12 May 2019 14:46
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Sample : K2766-11
Misc :
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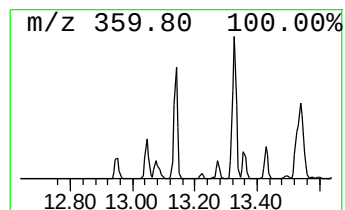
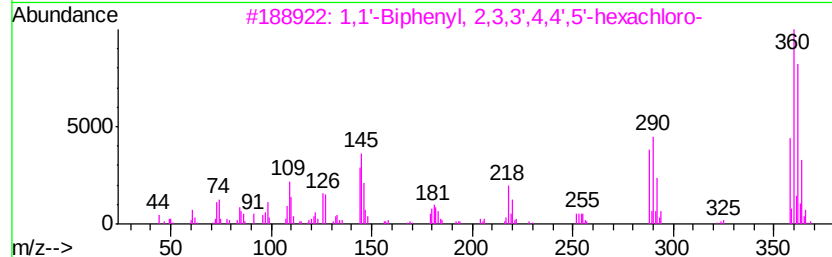
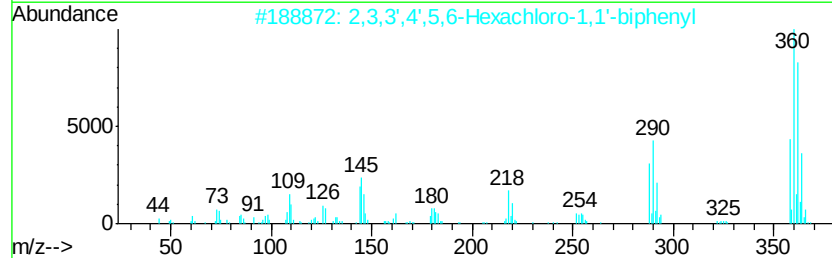
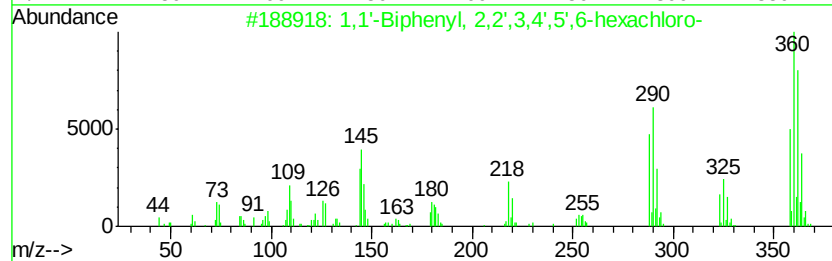
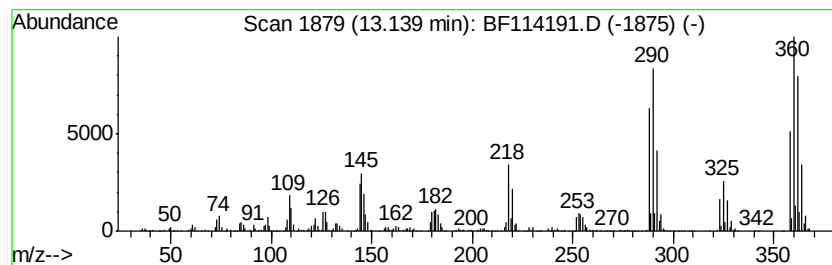
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.14	15.42 ng	1401130	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
Acq On : 12 May 2019 14:46
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

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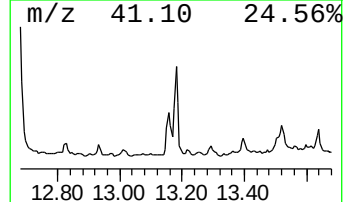
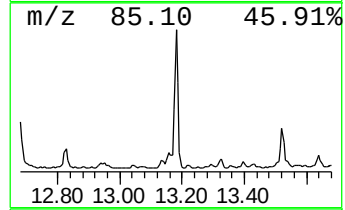
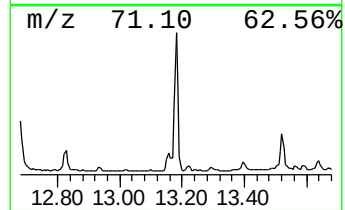
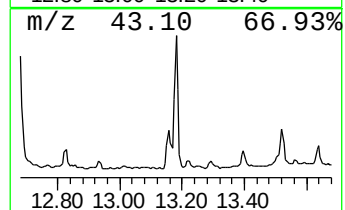
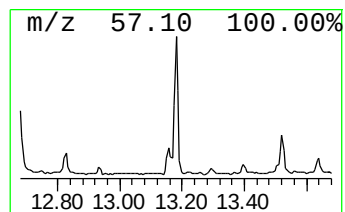
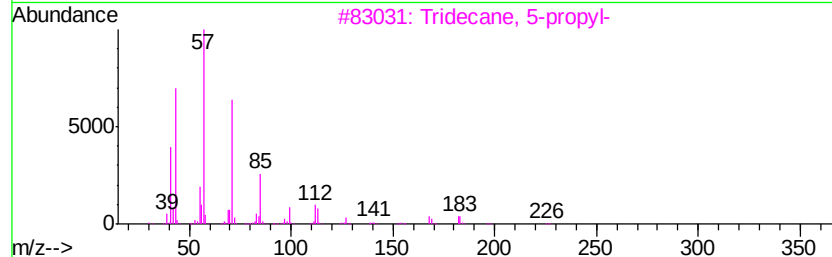
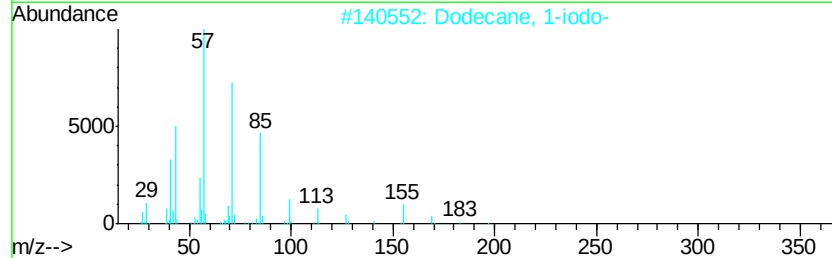
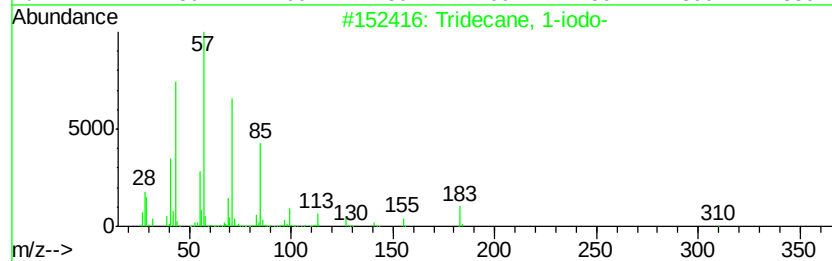
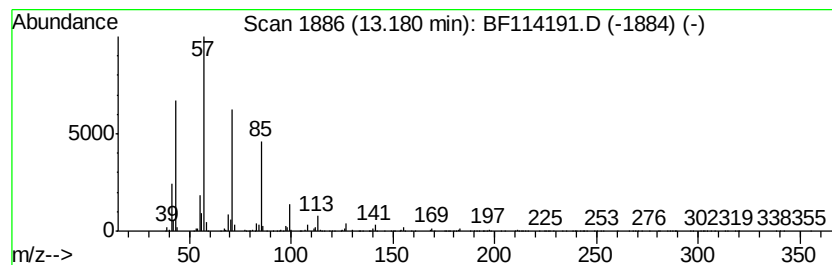
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	11.30 ng	1026650	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	76
5		Eicosane	282	C20H42	000112-95-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
Acq On : 12 May 2019 14:46
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

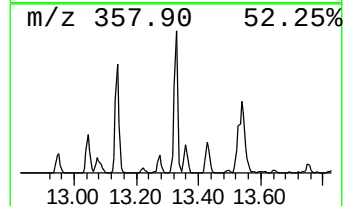
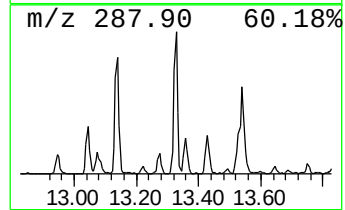
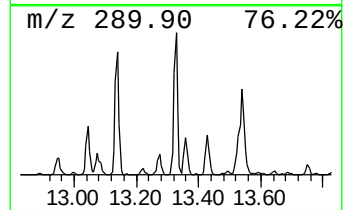
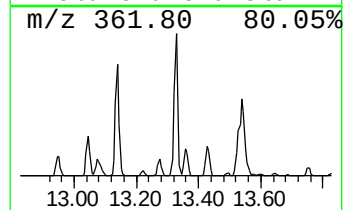
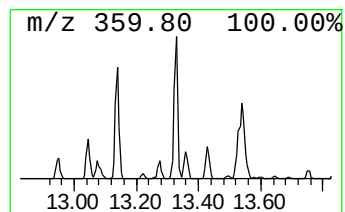
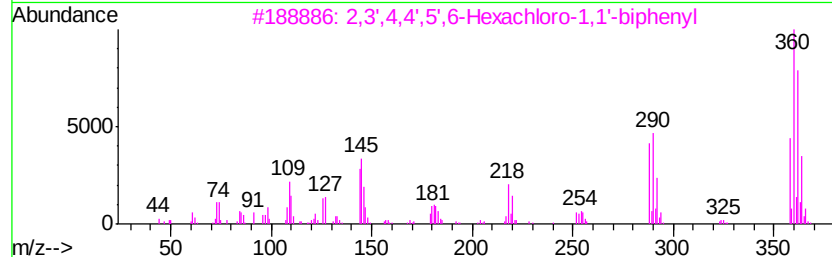
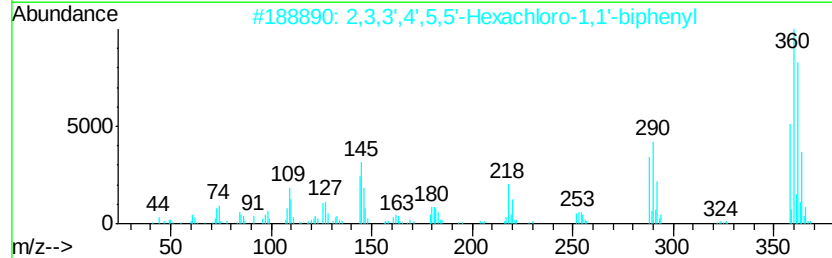
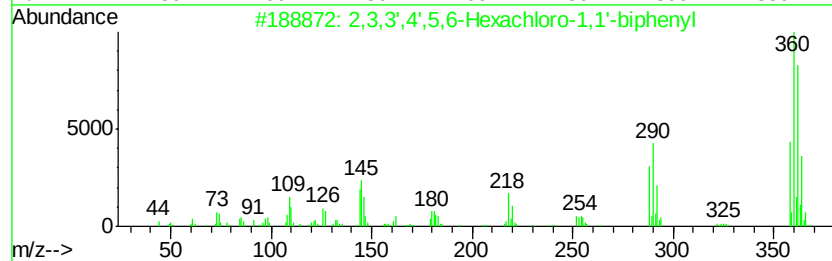
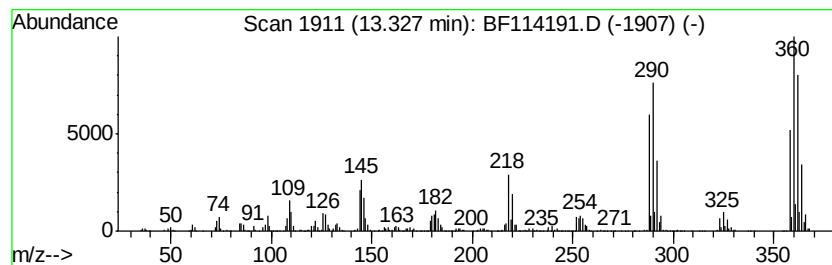
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	15.89 ng	1442990	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
Acq On : 12 May 2019 14:46
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

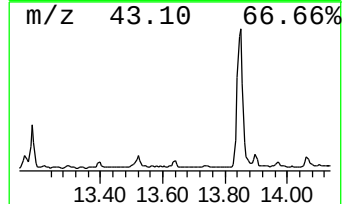
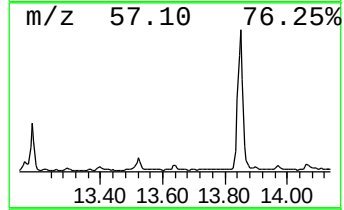
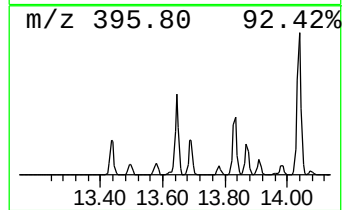
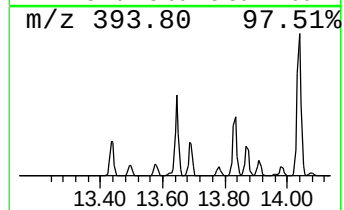
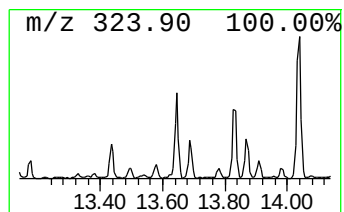
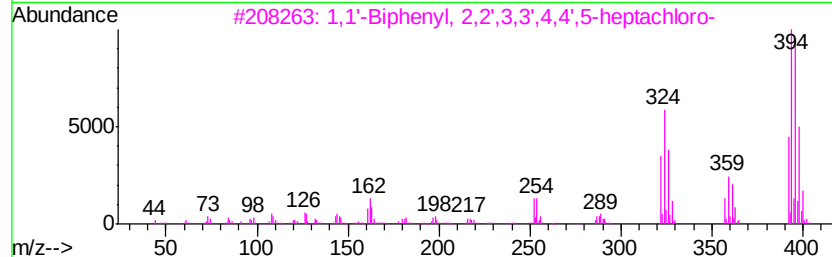
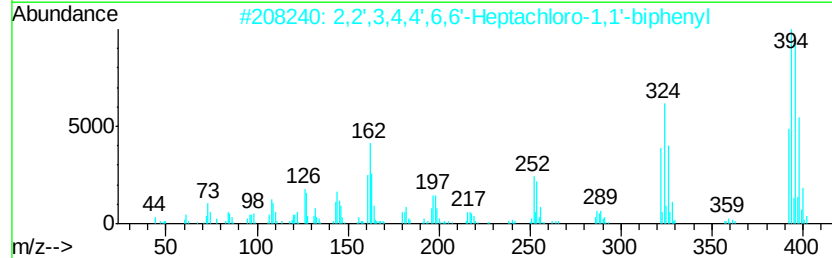
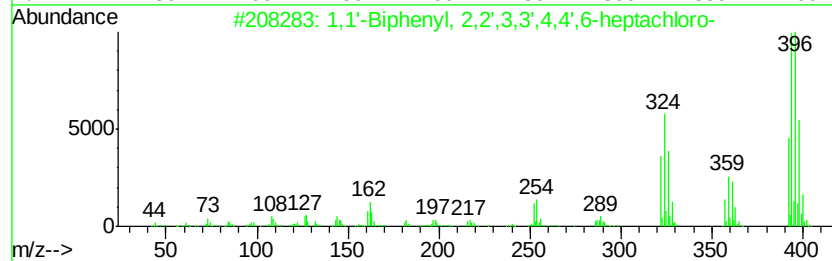
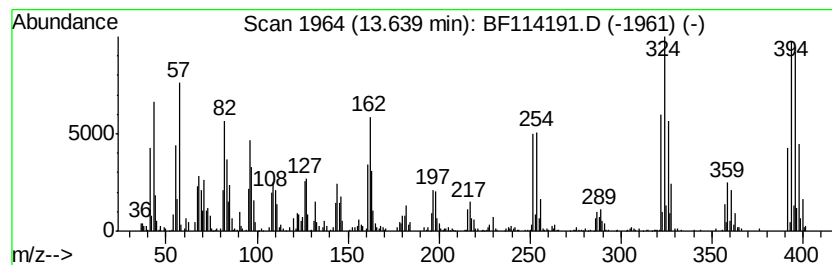
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.64	11.47 ng	1041980	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
4	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
5	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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Sample : K2766-11
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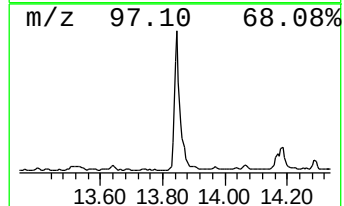
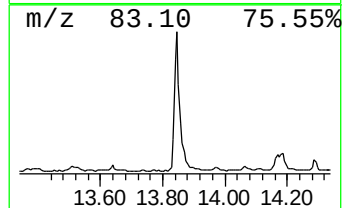
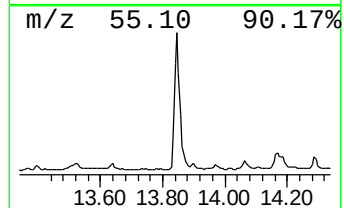
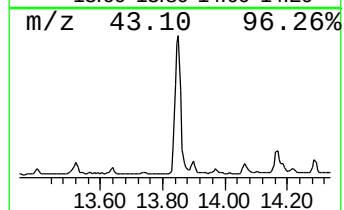
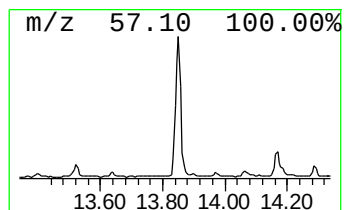
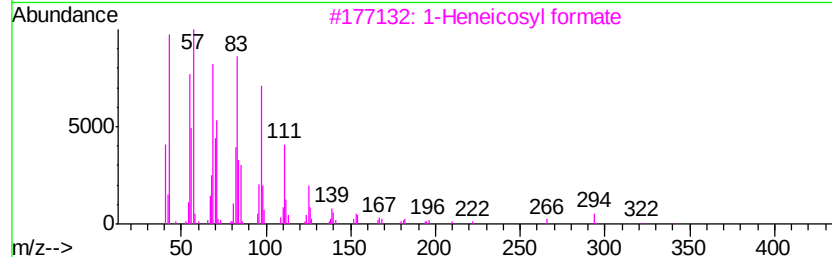
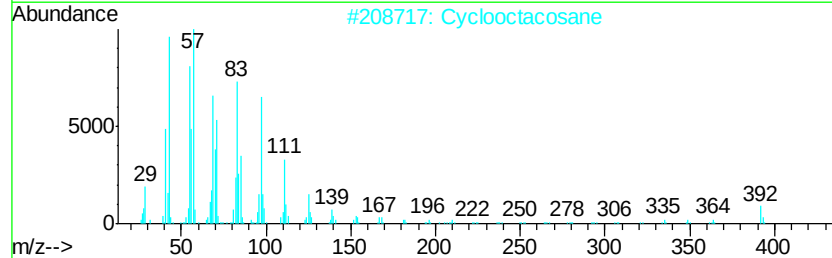
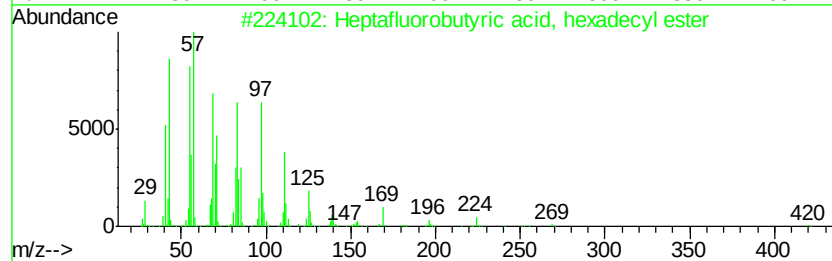
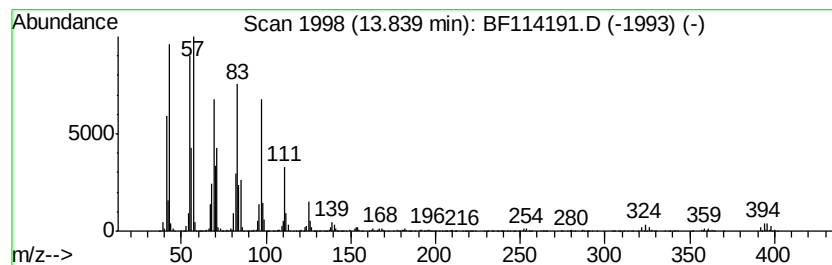
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptafluorobutyric acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.84	92.31 ng	8385620	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2		Cyclooctacosane	392	C28H56	000297-24-5	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114191.D
 Acq On : 12 May 2019 14:46
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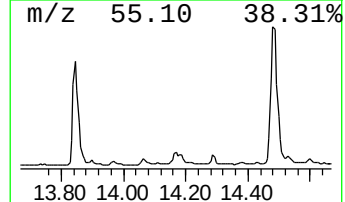
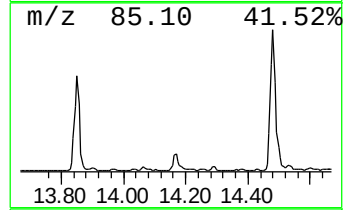
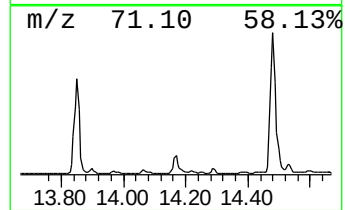
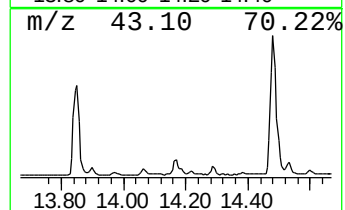
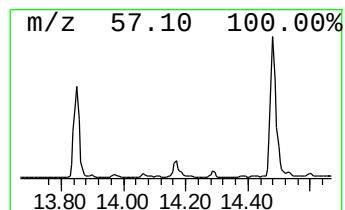
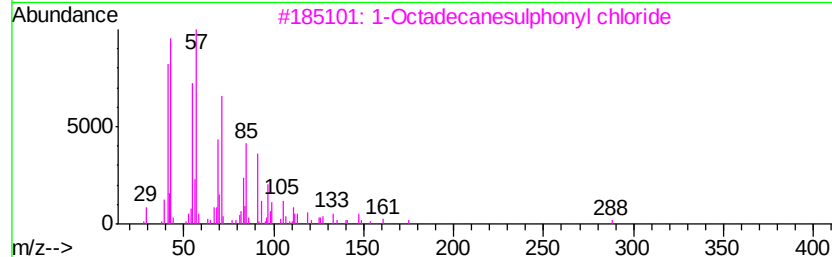
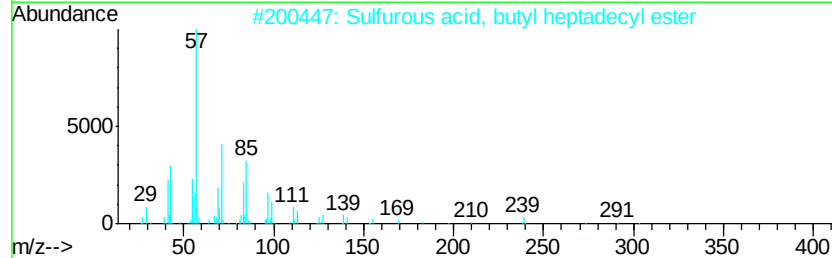
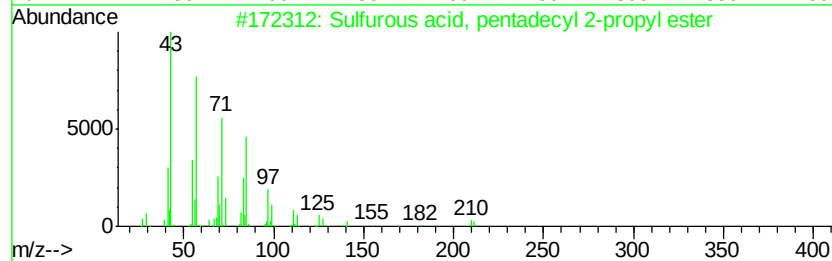
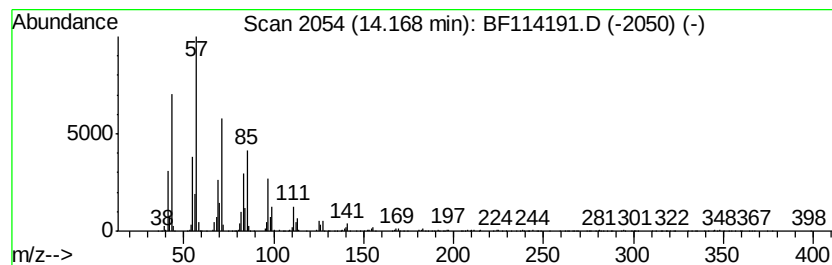
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Sulfurous acid, pentadecyl ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	10.77 ng	978251	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	87
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	70
5		Docosane	310	C22H46	000629-97-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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 Acq On : 12 May 2019 14:46
 Operator : JU/SJ
 Sample : K2766-11
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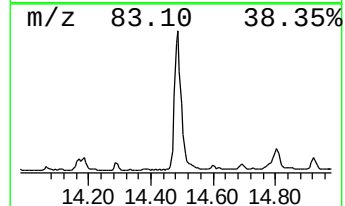
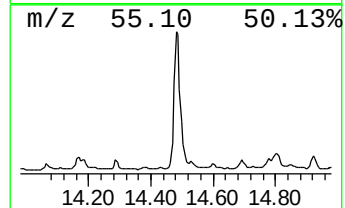
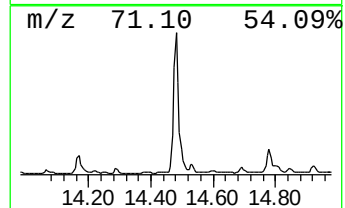
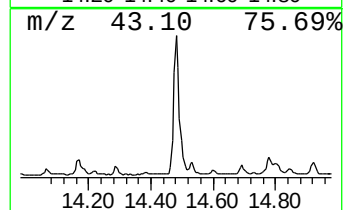
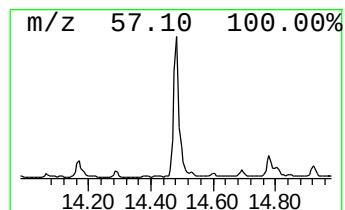
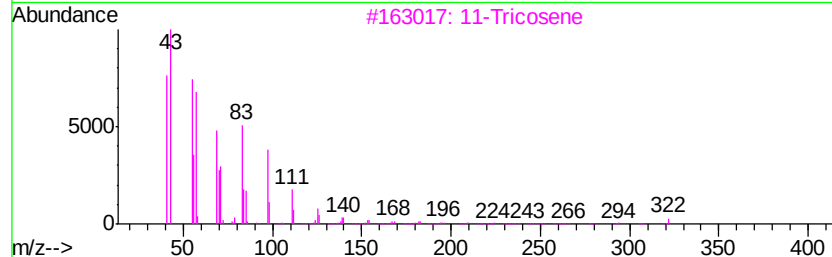
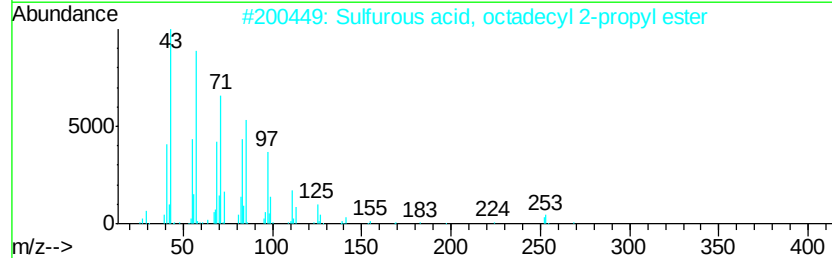
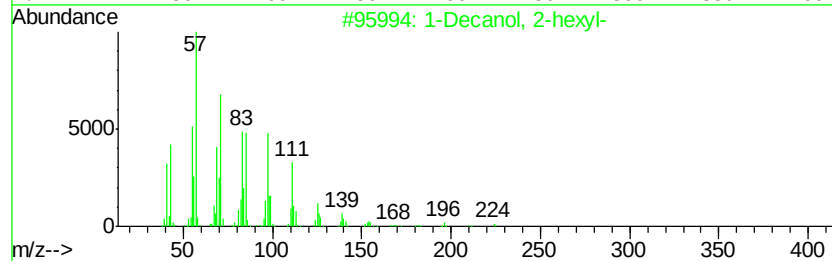
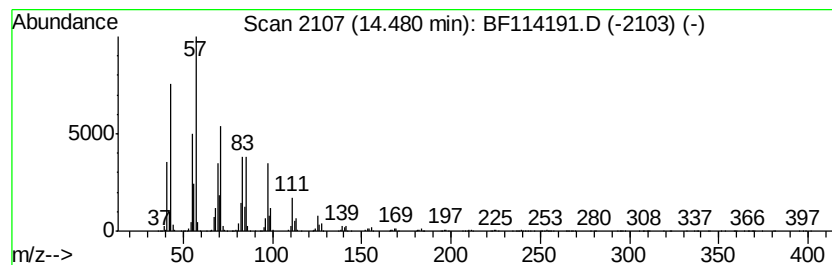
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 1-Decanol, 2-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	126.18 ng	11462400	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	91
2	Sulfurous acid, octadecyl 2-propyl...	376 C21H44O3S	1000309-12-7	90
3	11-Tricosene	322 C23H46	052078-56-5	87
4	Octacosyl trifluoroacetate	506 C30H57F3O2	1000351-74-9	83
5	Octadecyl trifluoroacetate	366 C20H37F3O2	079392-43-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
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Instrument :
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ClientSampleId :
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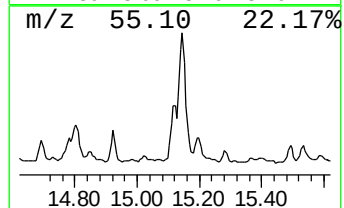
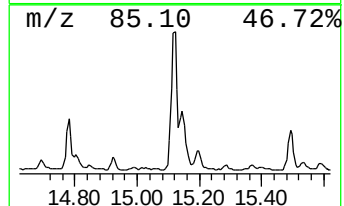
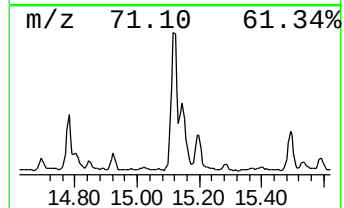
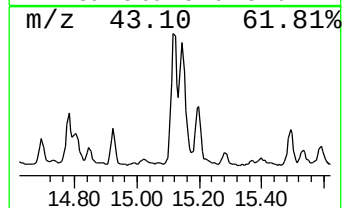
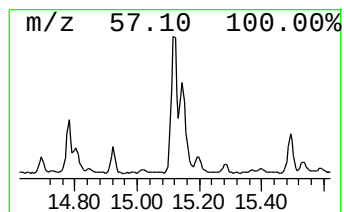
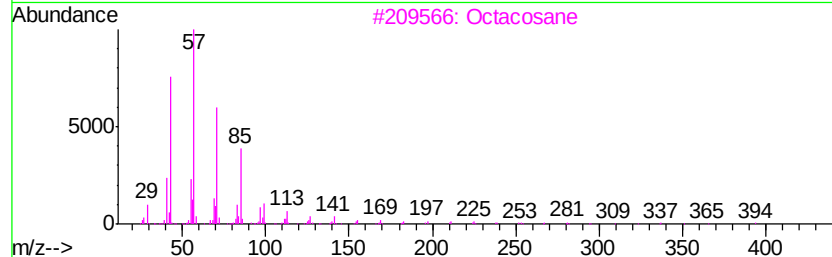
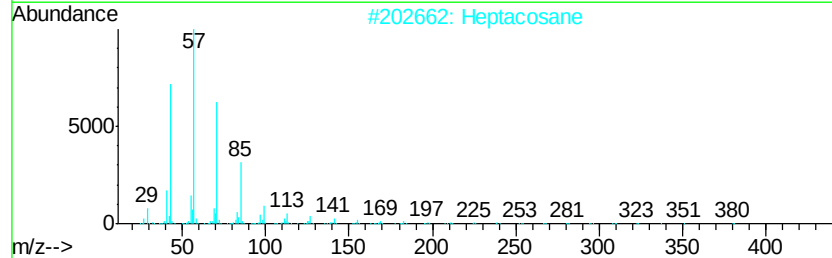
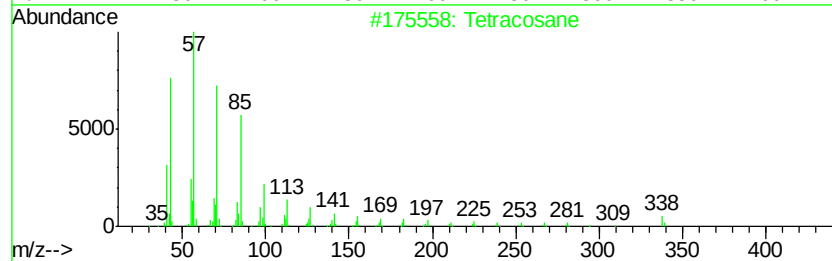
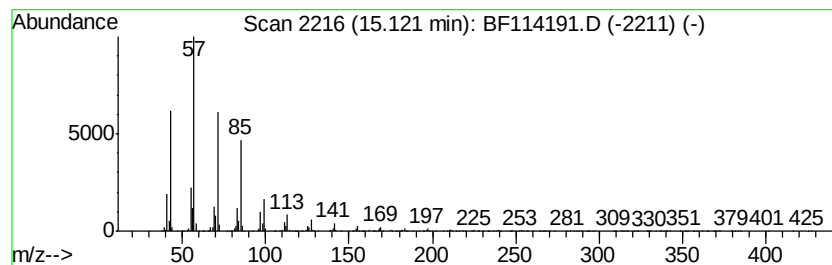
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	19.81 ng	2633180	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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Acq On : 12 May 2019 14:46
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

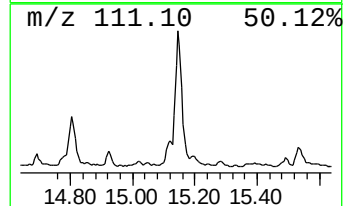
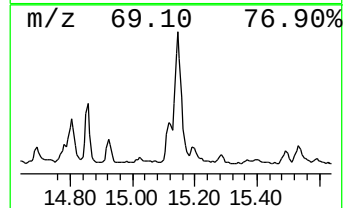
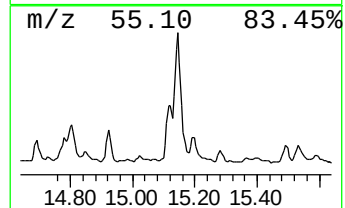
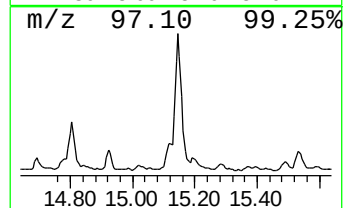
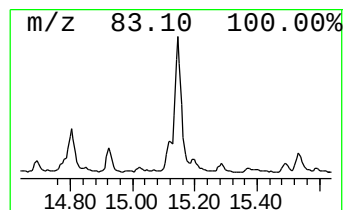
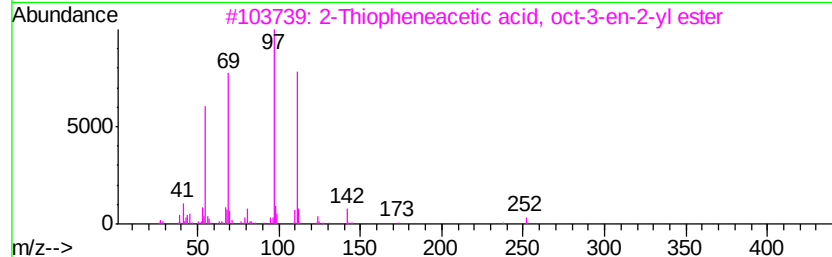
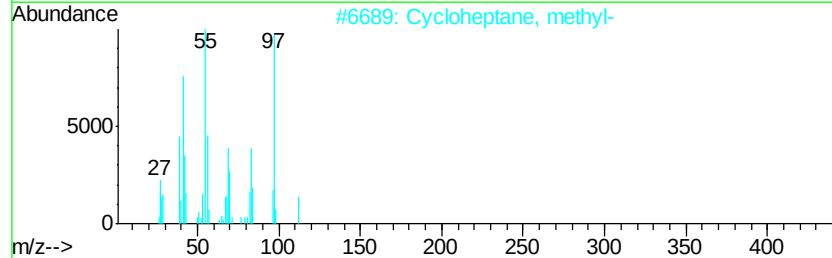
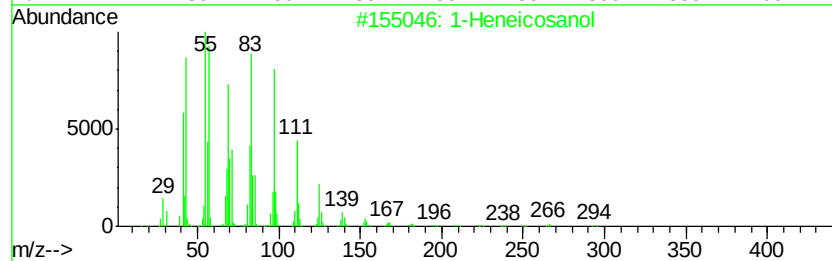
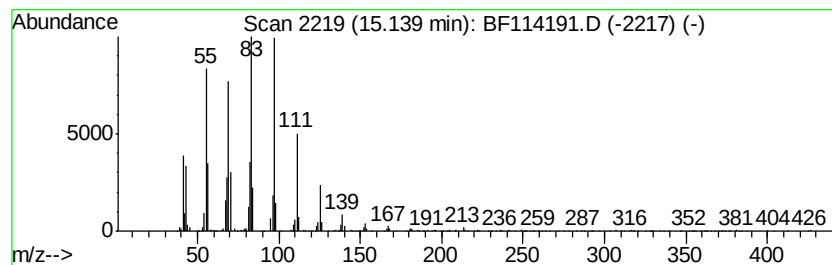
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.14	31.23 ng	4149850	Perylene-d12	15.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	62
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	45
3	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	43
4	Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	38
5	Cyclohexadecane	224	C16H32	000295-65-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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 Acq On : 12 May 2019 14:46
 Operator : JU/SJ
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Instrument :
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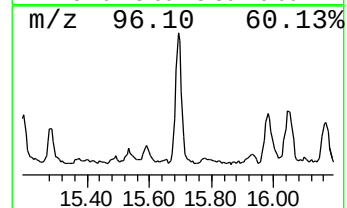
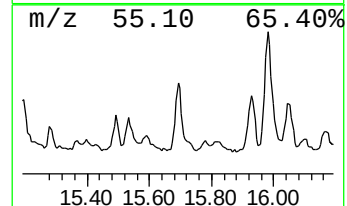
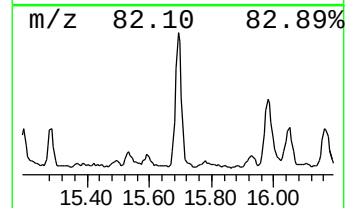
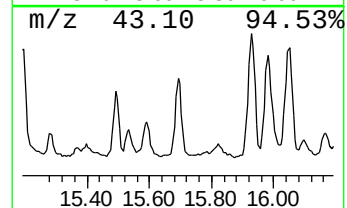
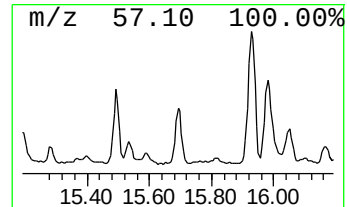
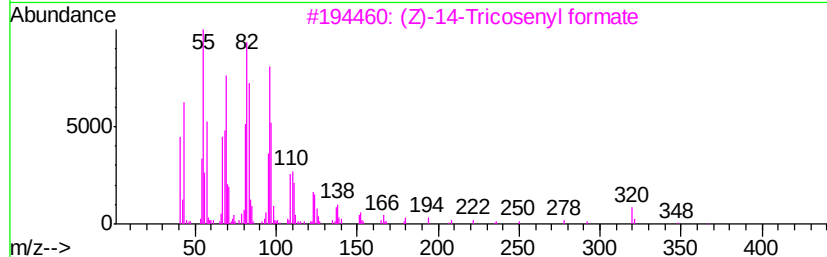
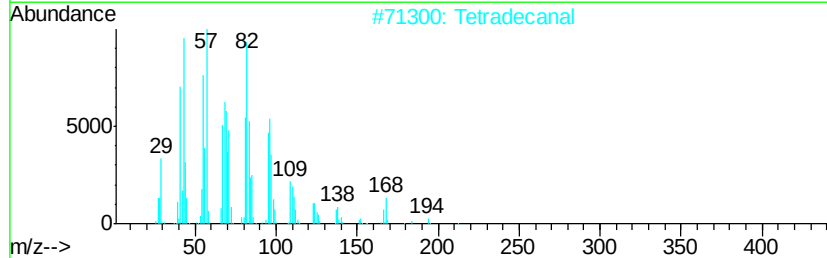
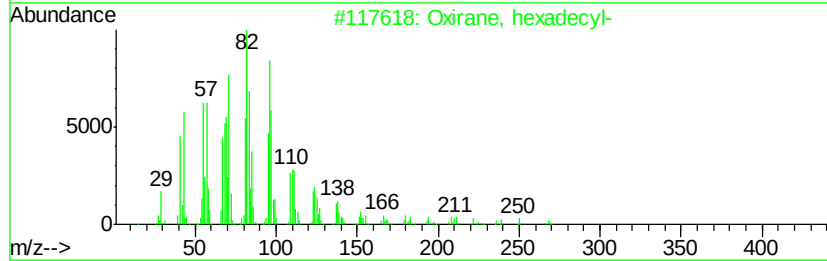
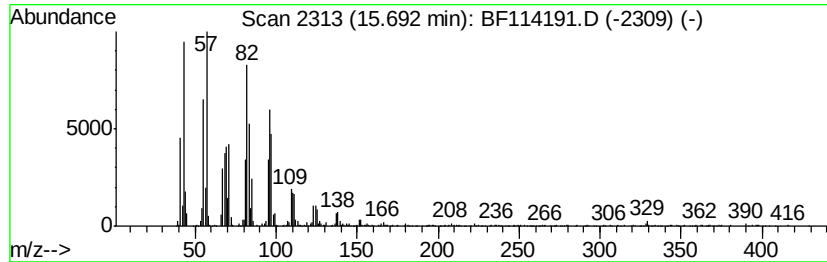
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	12.31 ng	1636020	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		Tetradecanal	212	C14H28O	000124-25-4	93
3		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
4		Octadecanal	268	C18H36O	000638-66-4	90
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
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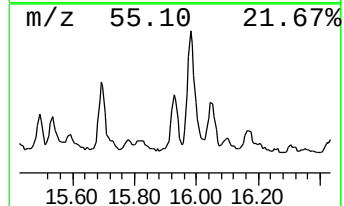
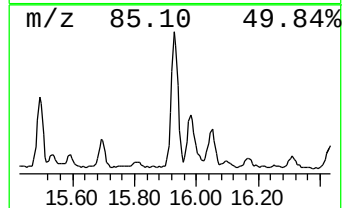
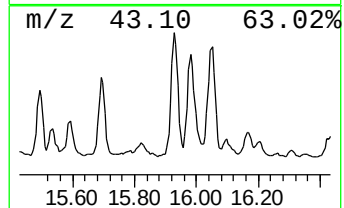
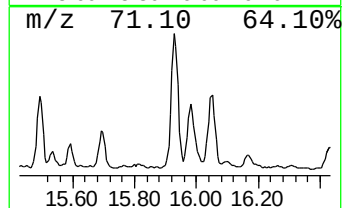
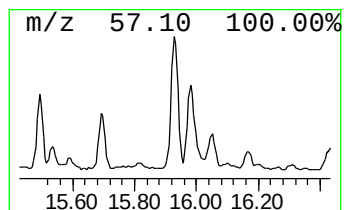
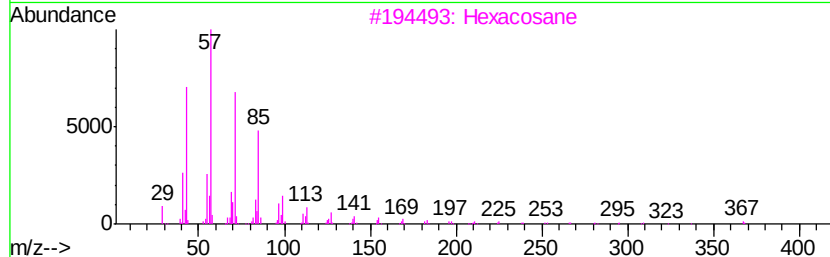
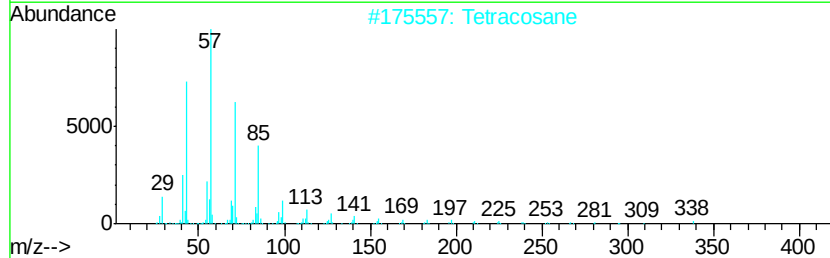
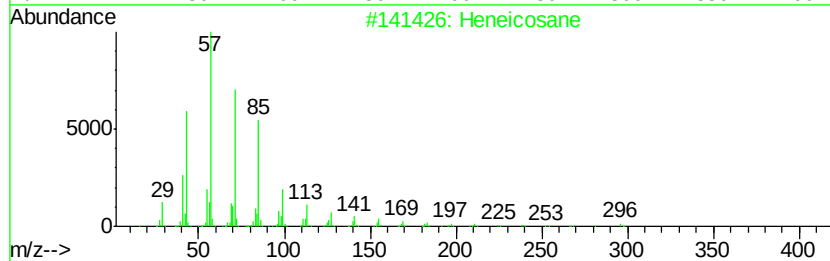
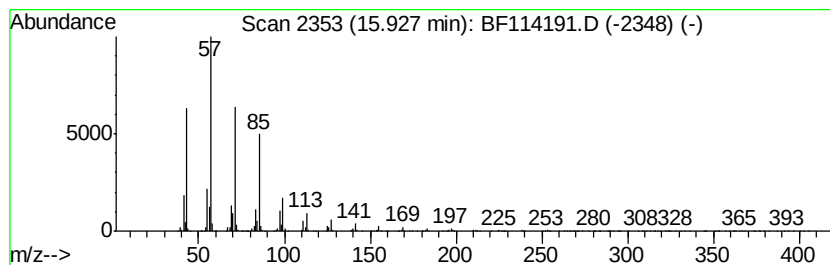
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	12.11 ng	1609180	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Hexatriacontane	507	C36H74	000630-06-8	83
5		Octacosane	394	C28H58	000630-02-4	81



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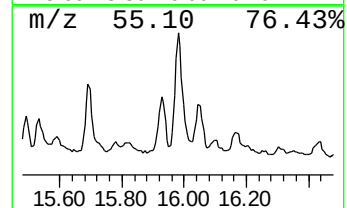
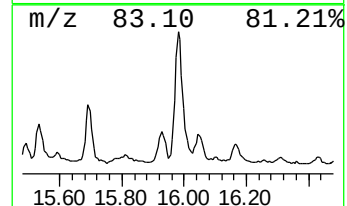
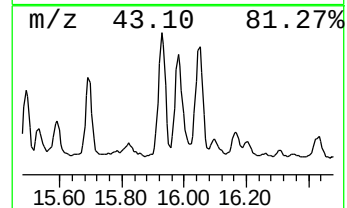
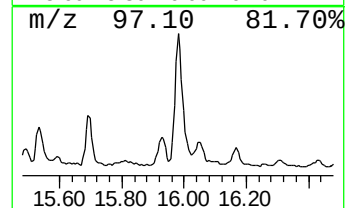
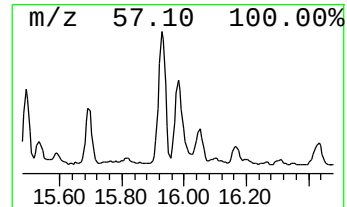
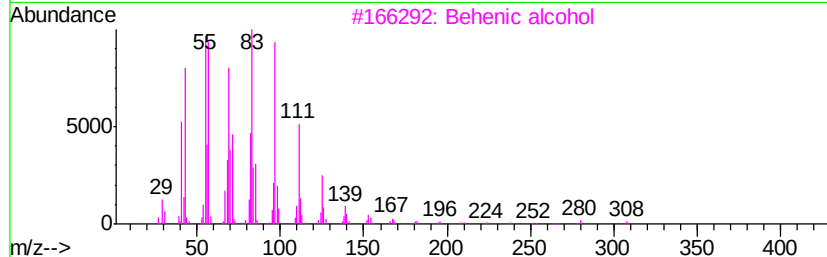
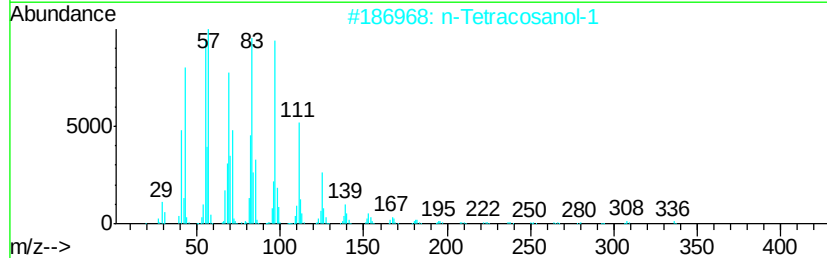
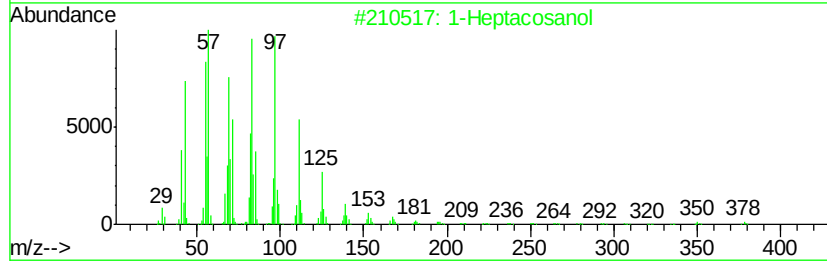
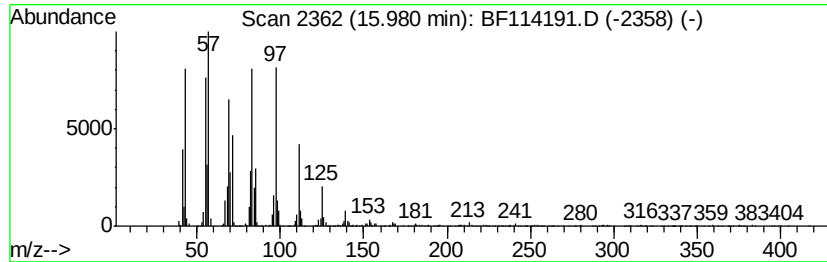
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.98	17.46 ng	2319760	Perylene-d12	15.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Octacosyl acetate	452	C30H60O2	018206-97-8	91
5	Cyclotetracosane	336	C24H48	000297-03-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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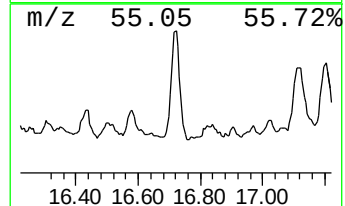
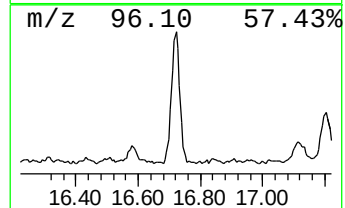
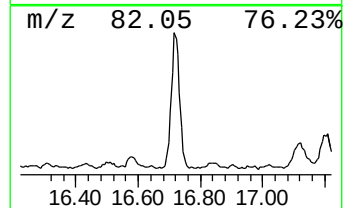
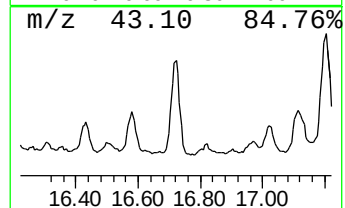
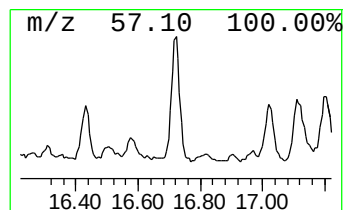
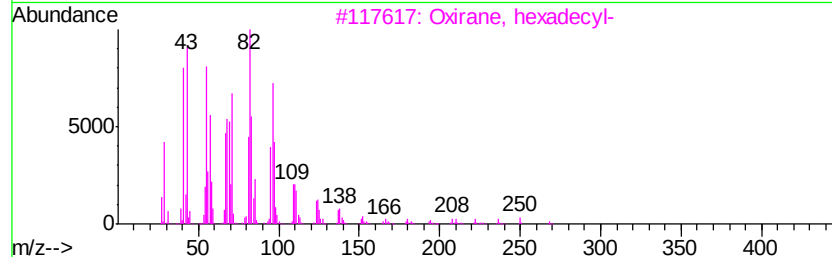
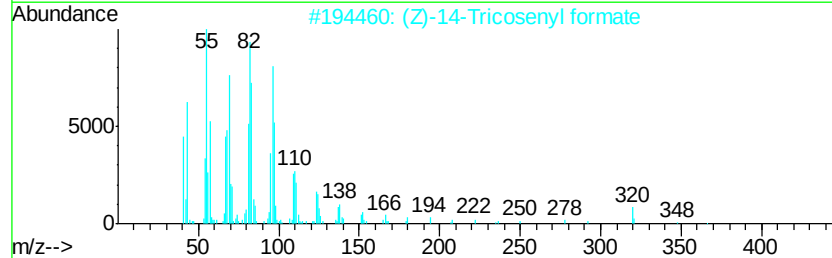
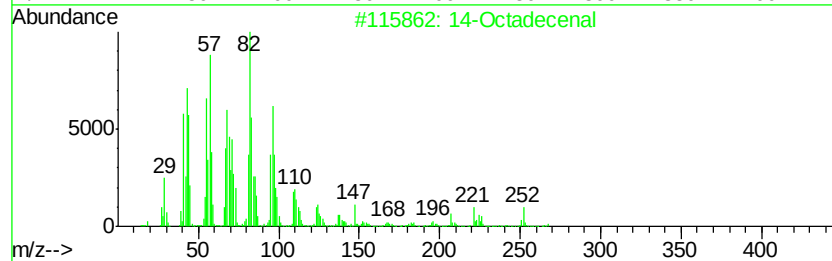
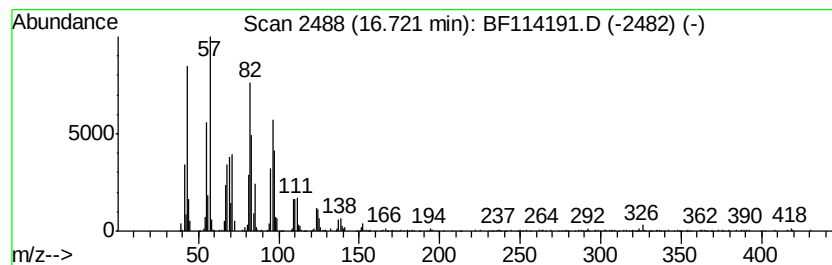
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 14-Octadecenal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	12.74 ng	1692670	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			14-Octadecenal	266	C18H34O	056554-89-3	94
2			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			1,19-Eicosadiene	278	C20H38	014811-95-1	90
5			Octadecanal	268	C18H36O	000638-66-4	90



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Data File : BF114191.D
Acq On : 12 May 2019 14:46
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

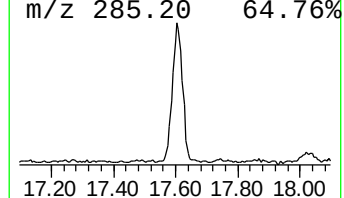
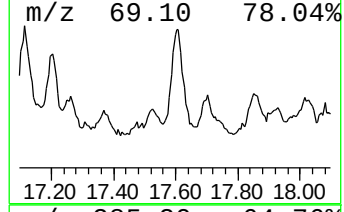
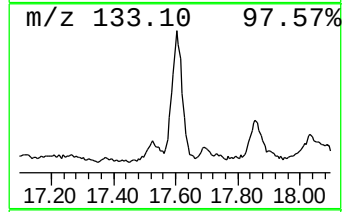
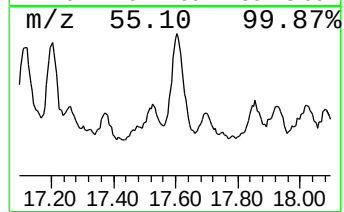
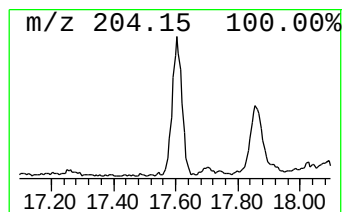
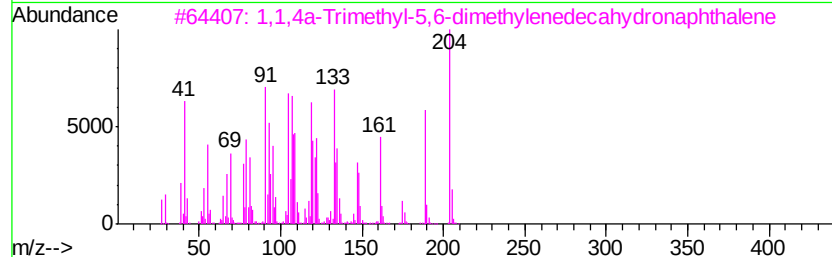
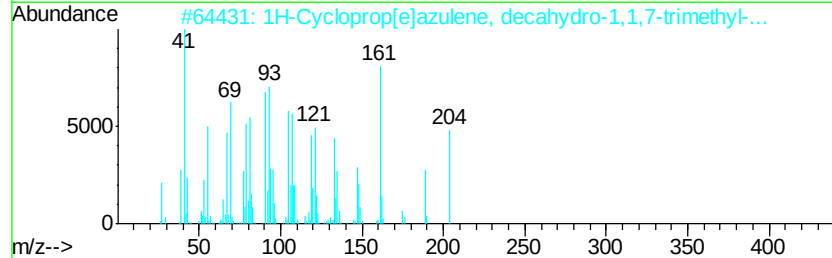
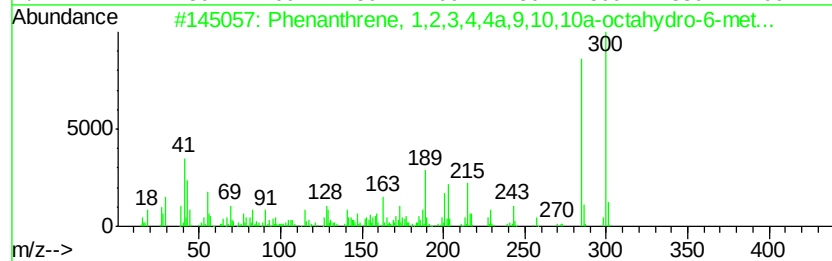
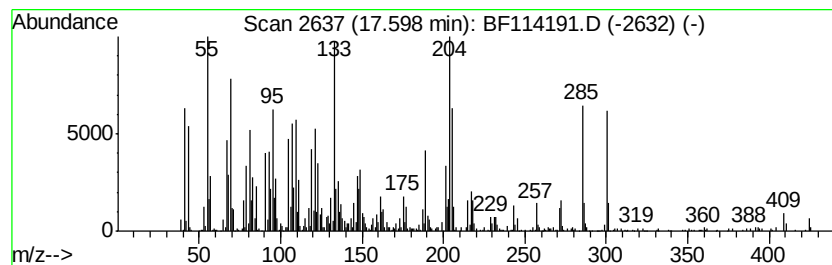
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	20.18 ng	2681360	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	59
2		1H-Cycloprop[elazulene, decahydr...	204	C15H24	072747-25-2	55
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
4		Aromandendrene	204	C15H24	000489-39-4	50
5		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114191.D
Acq On : 12 May 2019 14:46
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

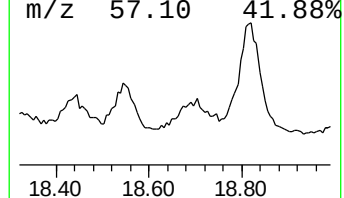
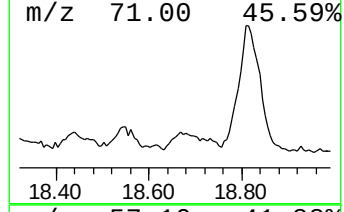
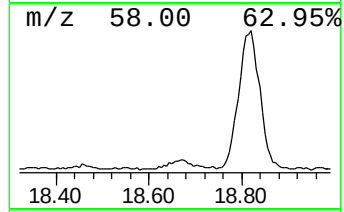
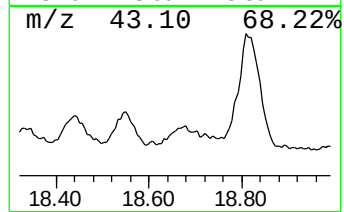
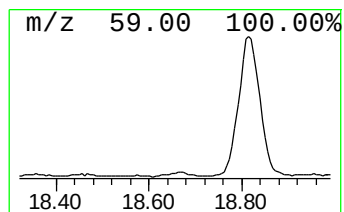
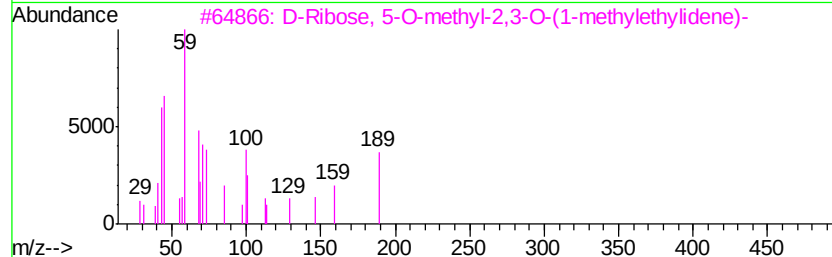
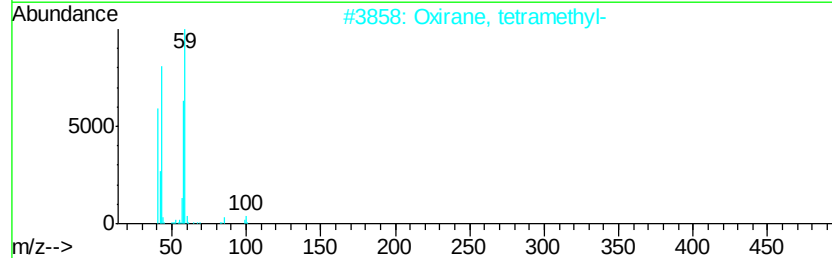
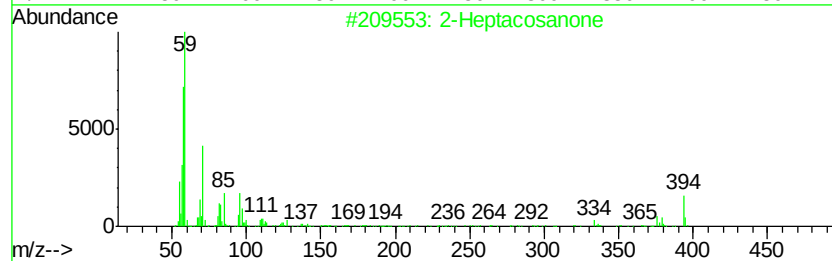
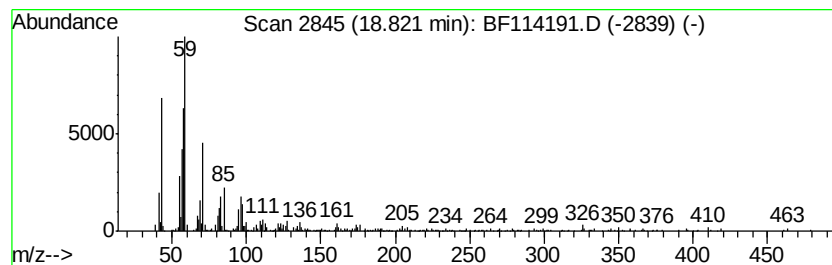
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Heptacosanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	10.53 ng	1398710	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptacosanone	394	C27H54O	007796-19-2	72
2		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	49
3		D-Ribose, 5-O-methyl-2,3-O-(1-methyl-2-propenylidene)-	204	C9H16O5	064018-53-7	47
4		2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	43
5		2-Nonadecanone	282	C19H38O	000629-66-3	43



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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

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
1,3,5-Cycloheptat...	3.92	15.2	ng	1336160	1	6.85	1764350	20.0
unknown6.62	6.62	41.0	ng	3620040	1	6.85	1764350	20.0
n-Hexadecanoic acid	11.90	19.1	ng	2495080	4	11.37	2615020	20.0
Octadecanoic acid	12.68	15.4	ng	2006640	4	11.37	2615020	20.0
1,1'-Biphenyl, 2,...	13.14	15.4	ng	1401130	5	14.01	1816800	20.0
Tridecane, 1-iodo-	13.18	11.3	ng	1026650	5	14.01	1816800	20.0
2,3,3',4',5,6-Hex...	13.33	15.9	ng	1442990	5	14.01	1816800	20.0
1,1'-Biphenyl, 2,...	13.64	11.5	ng	1041980	5	14.01	1816800	20.0
Heptafluorobutyri...	13.84	92.3	ng	8385620	5	14.01	1816800	20.0
Sulfurous acid, p...	14.17	10.8	ng	978251	5	14.01	1816800	20.0
1-Decanol, 2-hexyl-	14.48	126.2	ng	11462400	5	14.01	1816800	20.0
Tetracosane	15.12	19.8	ng	2633180	6	15.48	2657870	20.0
1-Heneicosanol	15.14	31.2	ng	4149850	6	15.48	2657870	20.0
Oxirane, hexadecyl-	15.69	12.3	ng	1636020	6	15.48	2657870	20.0
Heneicosane	15.93	12.1	ng	1609180	6	15.48	2657870	20.0
1-Heptacosanol	15.98	17.5	ng	2319760	6	15.48	2657870	20.0
14-Octadecenal	16.72	12.7	ng	1692670	6	15.48	2657870	20.0
Phenanthrene, 1,2...	17.60	20.2	ng	2681360	6	15.48	2657870	20.0
2-Heptacosanone	18.82	10.5	ng	1398710	6	15.48	2657870	20.0