

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111088.D
 Acq On : 29 Nov 2018 14:00
 Operator : JU/SJ
 Sample : J6051-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02

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-BF112618.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	2.216	17	22	34	rVB	57479	85992	2.00%	0.156%
2	5.551	586	589	605	rBV	527582	677841	15.75%	1.230%
3	6.557	757	760	768	rBV	618230	773481	17.97%	1.403%
4	6.616	768	770	781	rVB	62997	80356	1.87%	0.146%
5	6.698	781	784	791	rBV	869552	791349	18.39%	1.436%
6	6.928	820	823	831	rBV	370728	369582	8.59%	0.670%
7	7.087	846	850	862	rBV	574843	614508	14.28%	1.115%
8	7.498	917	920	942	rBV	443542	524324	12.18%	0.951%
9	8.210	1038	1041	1044	rBV	532094	529253	12.30%	0.960%
10	8.234	1044	1045	1053	rVB	215976	195339	4.54%	0.354%
11	8.934	1159	1164	1170	rBV2	72095	77432	1.80%	0.140%
12	9.028	1175	1180	1186	rBV	68307	71806	1.67%	0.130%
13	9.281	1220	1223	1231	rBV	948550	876073	20.35%	1.589%
14	9.392	1237	1242	1246	rBV3	97948	97296	2.26%	0.177%
15	9.681	1289	1291	1293	rVV	115366	90555	2.10%	0.164%
16	9.833	1314	1317	1322	rBV	346834	337365	7.84%	0.612%
17	9.928	1330	1333	1336	rBV	196506	170523	3.96%	0.309%
18	9.975	1337	1341	1344	rVV	614202	627002	14.57%	1.137%
19	10.004	1344	1346	1355	rVB	96151	102327	2.38%	0.186%
20	10.181	1371	1376	1380	rBV2	111783	145557	3.38%	0.264%
21	10.522	1431	1434	1441	rVB	262646	274771	6.38%	0.498%
22	10.680	1459	1461	1469	rVB3	81436	124690	2.90%	0.226%
23	10.769	1471	1476	1482	rBV2	528466	574561	13.35%	1.042%
24	11.075	1524	1528	1531	rBV	88032	97140	2.26%	0.176%
25	11.286	1559	1564	1567	rBV2	93449	129255	3.00%	0.234%
26	11.369	1574	1578	1584	rVB	155916	155214	3.61%	0.282%
27	11.469	1592	1595	1597	rBV	635493	579411	13.46%	1.051%
28	11.498	1597	1600	1603	rVV	2229259	1866787	43.37%	3.387%
29	11.545	1605	1608	1615	rVV	546898	577407	13.42%	1.048%
30	11.710	1632	1636	1641	rBV2	126838	179443	4.17%	0.326%
31	11.757	1641	1644	1646	rVB	85848	71177	1.65%	0.129%
32	11.804	1646	1652	1658	rBV3	101099	157024	3.65%	0.285%
33	11.880	1662	1665	1670	rBV2	53089	71889	1.67%	0.130%
34	11.986	1672	1683	1684	rBV2	943274	1649212	38.32%	2.992%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.051	1691	1694	1696	rBV	119553	93680	2.18%	0.170%
36	12.086	1696	1700	1702	rVV2	555641	552702	12.84%	1.003%
37	12.110	1702	1704	1706	rVV	196077	156709	3.64%	0.284%
38	12.263	1727	1730	1733	rBV	246148	216822	5.04%	0.393%
39	12.316	1734	1739	1745	rVB5	165822	293277	6.81%	0.532%
40	12.475	1751	1766	1772	rBV	790980	2993968	69.56%	5.432%
41	12.522	1772	1774	1777	rVB	206451	158951	3.69%	0.288%
42	12.563	1779	1781	1786	rVB3	122842	146003	3.39%	0.265%
43	12.627	1786	1792	1796	rBV4	148886	223033	5.18%	0.405%
44	12.698	1799	1804	1807	rBV	2427337	2303577	53.52%	4.179%
45	12.769	1807	1816	1818	rBV2	1163141	1813974	42.15%	3.291%
46	12.845	1826	1829	1831	rBV2	150293	128818	2.99%	0.234%
47	12.904	1836	1839	1840	rBV	289132	258794	6.01%	0.469%
48	12.927	1840	1843	1848	rVV	2093994	2053079	47.70%	3.725%
49	12.969	1848	1850	1854	rVB	128477	117724	2.74%	0.214%
50	13.051	1860	1864	1867	rBV2	660042	622698	14.47%	1.130%
51	13.139	1875	1879	1883	rVB2	180876	291454	6.77%	0.529%
52	13.186	1884	1887	1890	rBV4	45682	63710	1.48%	0.116%
53	13.233	1890	1895	1896	rBV2	154229	212291	4.93%	0.385%
54	13.251	1896	1898	1903	rVB	396734	353615	8.22%	0.642%
55	13.316	1907	1909	1912	rVV	274651	227548	5.29%	0.413%
56	13.357	1912	1916	1923	rVB2	246610	310937	7.22%	0.564%
57	13.480	1923	1937	1946	rBV2	1636028	4304100	100.00%	7.808%
58	13.774	1984	1987	1990	rVB	99878	90696	2.11%	0.165%
59	13.880	2002	2005	2006	rBV	200394	203344	4.72%	0.369%
60	13.898	2006	2008	2010	rVB	168498	119726	2.78%	0.217%
61	13.927	2010	2013	2015	rBV	155607	158247	3.68%	0.287%
62	13.986	2020	2023	2027	rVB	193683	204528	4.75%	0.371%
63	14.045	2031	2033	2040	rVB2	80191	98313	2.28%	0.178%
64	14.121	2040	2046	2048	rBV2	1240515	1766521	41.04%	3.205%
65	14.157	2048	2052	2054	rBV	1533580	1867137	43.38%	3.387%
66	14.233	2063	2065	2068	rVB2	154764	125356	2.91%	0.227%
67	14.292	2068	2075	2079	rBV3	205447	286020	6.65%	0.519%
68	14.516	2108	2113	2115	rVV	355500	480897	11.17%	0.872%
69	14.545	2115	2118	2121	rVV2	179450	243630	5.66%	0.442%
70	14.586	2122	2125	2128	rVV3	105648	136643	3.17%	0.248%
71	14.616	2128	2130	2132	rVV2	72433	65597	1.52%	0.119%

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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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72	14.645	2132	2135	2137	rVV	144231	148678	3.45%	0.270%
73	14.733	2141	2150	2155	rVV	2127240	4129548	95.94%	7.492%
74	14.851	2167	2170	2173	rBV	166185	193088	4.49%	0.350%
75	15.010	2192	2197	2199	rBV3	47617	80140	1.86%	0.145%
76	15.045	2199	2203	2205	rBV4	76246	109780	2.55%	0.199%
77	15.080	2205	2209	2211	rVV2	74371	128224	2.98%	0.233%
78	15.110	2211	2214	2218	rVB2	146321	208447	4.84%	0.378%
79	15.210	2225	2231	2234	rBV2	1006200	1684431	39.14%	3.056%
80	15.321	2242	2250	2257	rVB	1639841	3133306	72.80%	5.684%
81	15.410	2262	2265	2267	rBV	52004	61055	1.42%	0.111%
82	15.527	2281	2285	2292	rVB	511161	660248	15.34%	1.198%
83	15.598	2292	2297	2304	rBV	843510	1164405	27.05%	2.112%
84	15.663	2304	2308	2311	rVV	250224	311170	7.23%	0.565%
85	15.698	2311	2314	2324	rVB2	229627	382197	8.88%	0.693%
86	15.992	2356	2364	2369	rBV	717370	1468609	34.12%	2.664%
87	16.039	2369	2372	2380	rVB	214369	329998	7.67%	0.599%
88	16.180	2392	2396	2407	rVB3	45977	107132	2.49%	0.194%
89	16.268	2407	2411	2416	rBV	53504	85595	1.99%	0.155%
90	16.457	2436	2443	2455	rBV	104642	436644	10.14%	0.792%
91	16.562	2458	2461	2467	rVB2	69430	116607	2.71%	0.212%
92	16.762	2487	2495	2505	rVB	279334	719877	16.73%	1.306%
93	16.874	2507	2514	2519	rBV6	47687	109374	2.54%	0.198%
94	17.251	2570	2578	2585	rBV2	266294	539131	12.53%	0.978%
95	17.427	2604	2608	2615	rVB	58518	109855	2.55%	0.199%
96	17.498	2616	2620	2625	rVV	36794	65780	1.53%	0.119%
97	17.668	2643	2649	2655	rBV2	99024	249001	5.79%	0.452%
98	17.739	2655	2661	2678	rVB	182410	493260	11.46%	0.895%
99	18.015	2705	2708	2717	rVB2	46318	105495	2.45%	0.191%
100	18.745	2823	2832	2843	rVB3	87504	300878	6.99%	0.546%

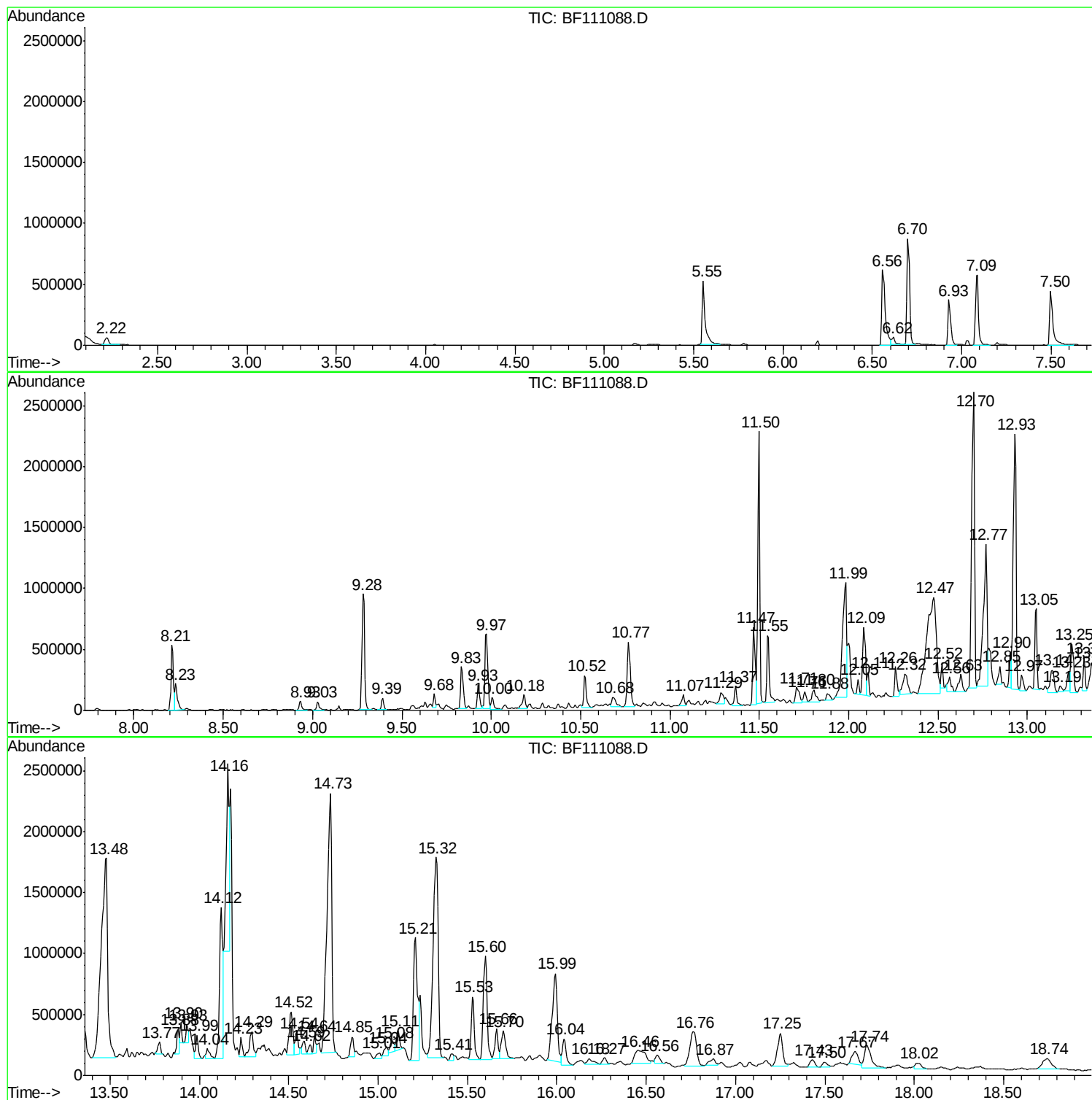
Sum of corrected areas: 55122014

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Instrument :
BNA_F
ClientSampled :
SS-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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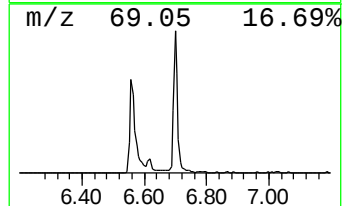
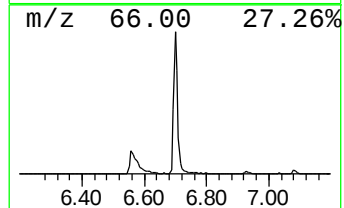
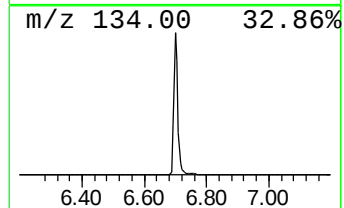
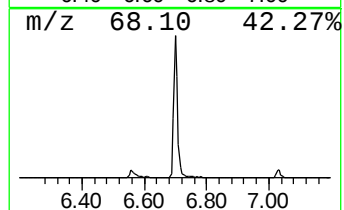
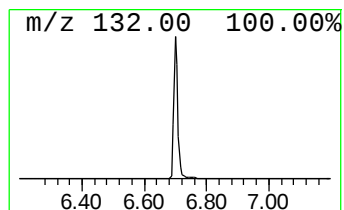
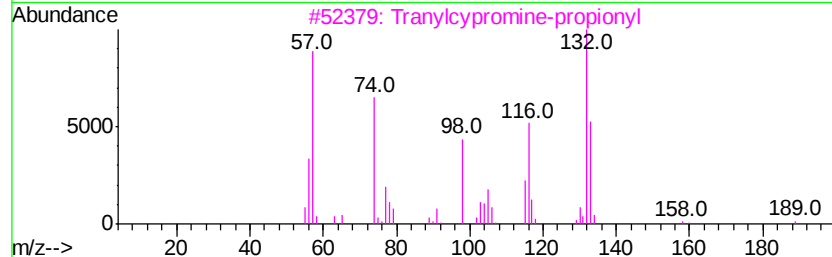
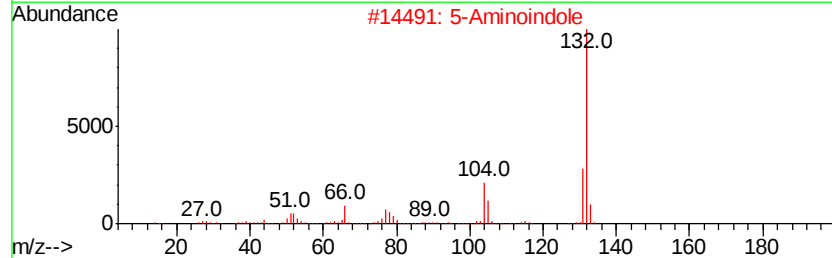
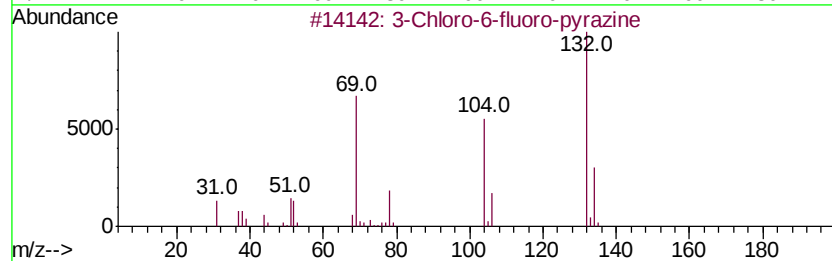
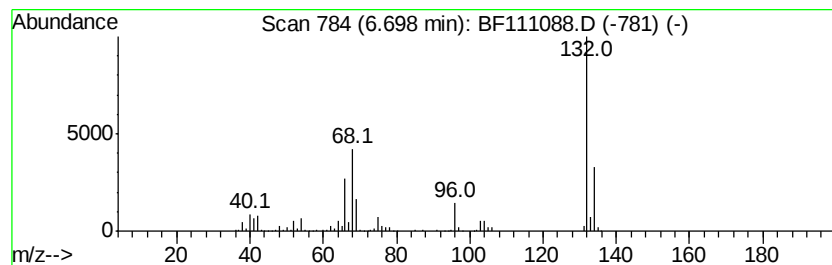
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.70 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	42.82 ng	791349	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypromine-propionvl	189	C12H15NO	1000123-86-3	10
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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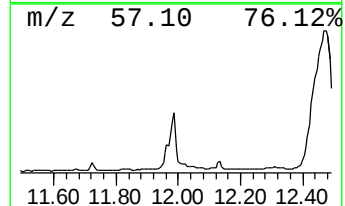
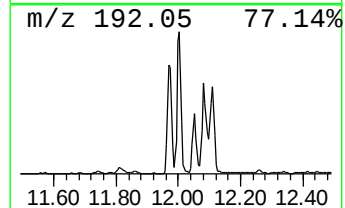
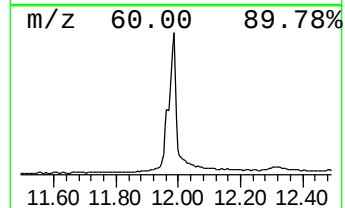
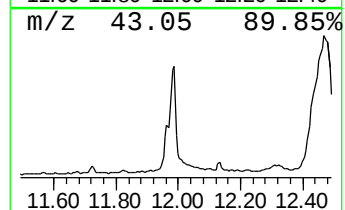
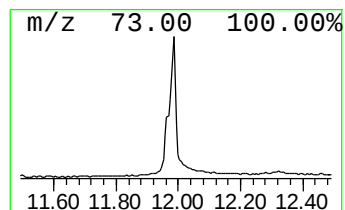
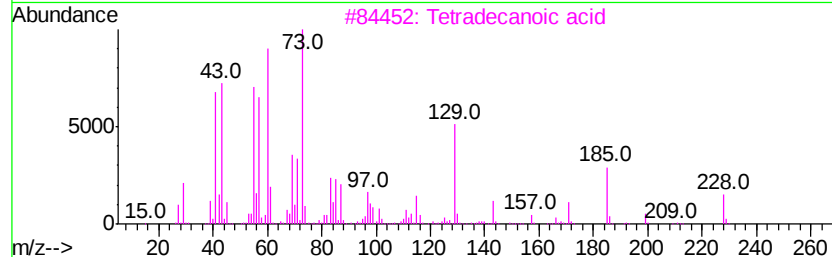
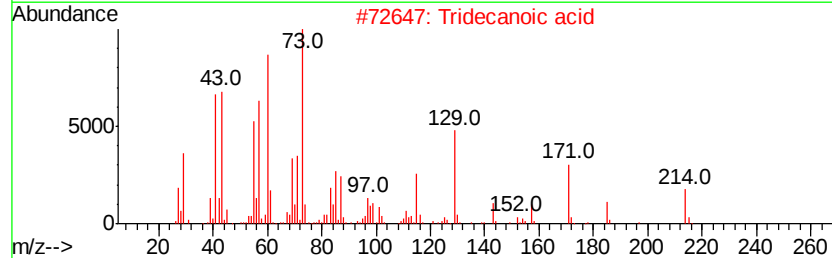
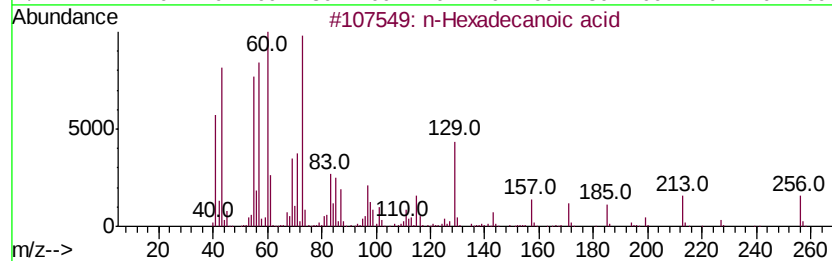
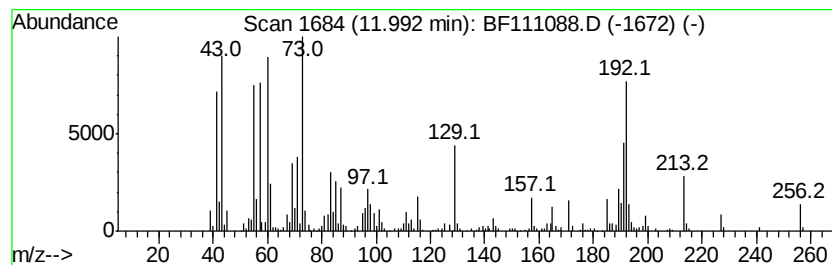
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	56.93 ng	1649210	Phenanthrene-d10	11.47

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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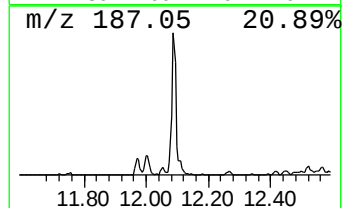
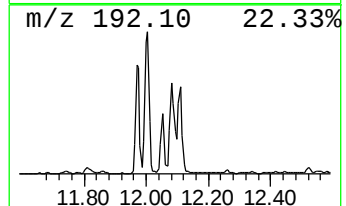
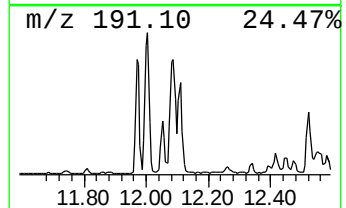
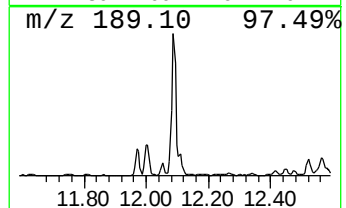
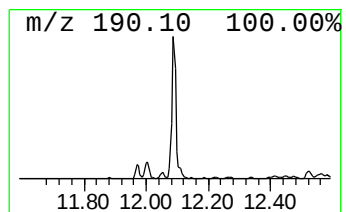
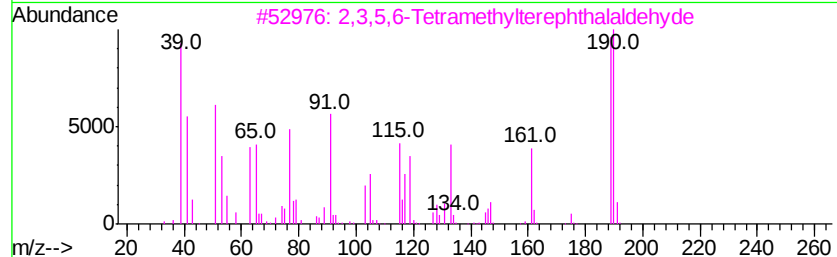
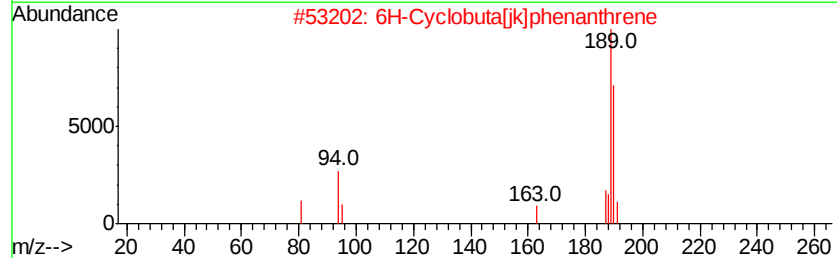
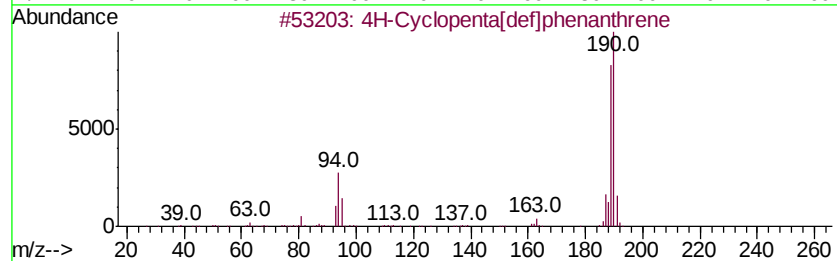
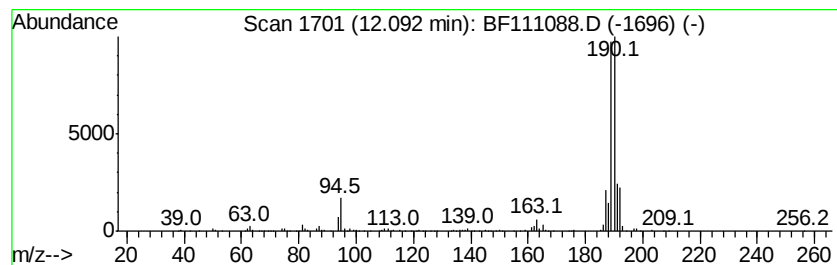
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	19.08 ng	552702	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	49



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Acq On : 29 Nov 2018 14:00
Operator : JU/SJ
Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SS-02

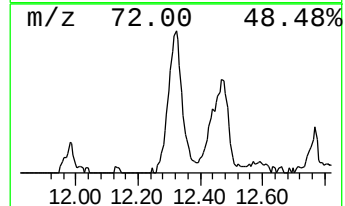
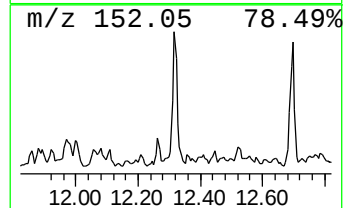
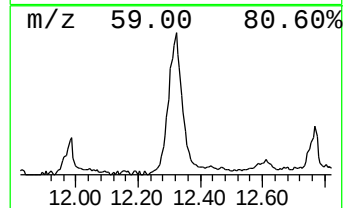
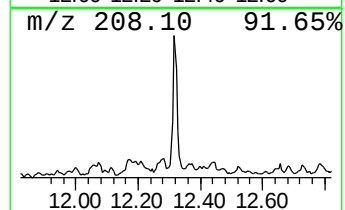
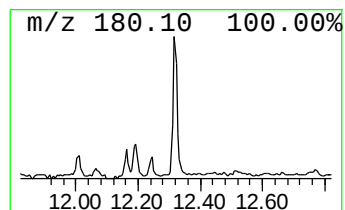
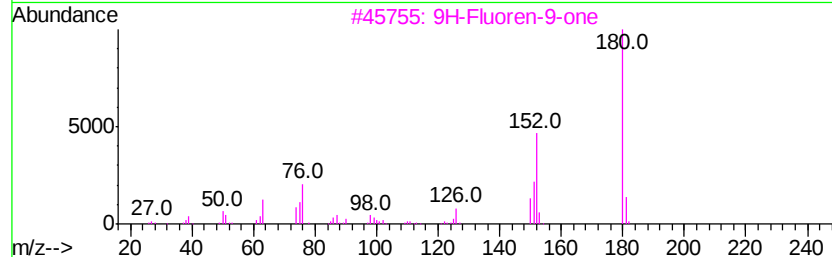
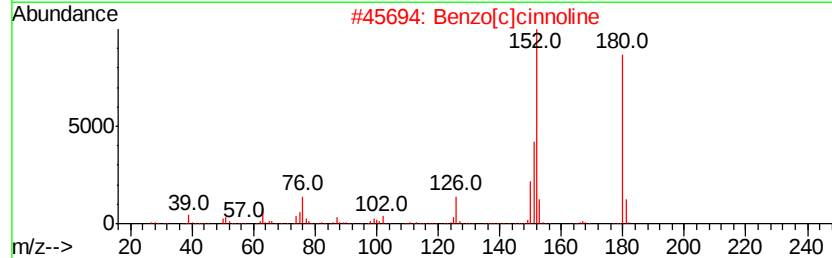
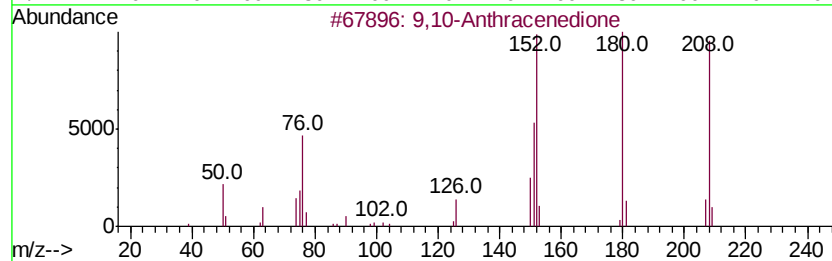
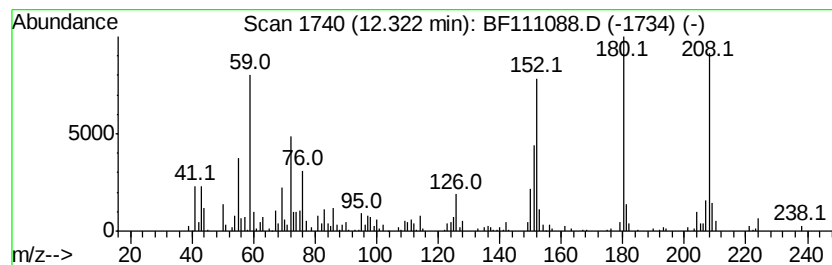
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.32	10.12 ng	293277	Phenanthrene-d10		11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	78
4	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	50
5	9,10-Phenanthrenedione			208	C14H8O2	000084-11-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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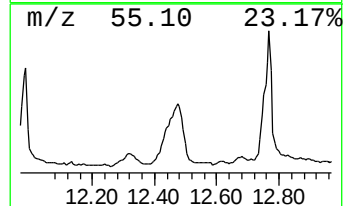
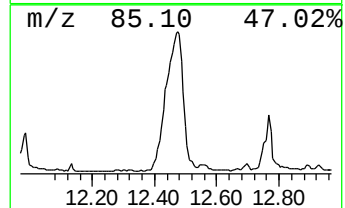
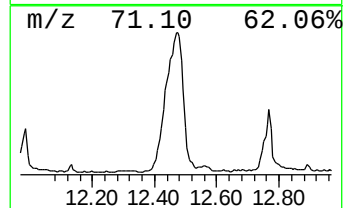
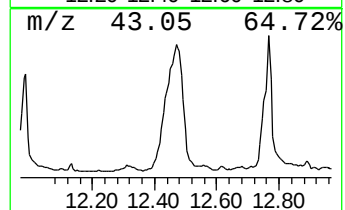
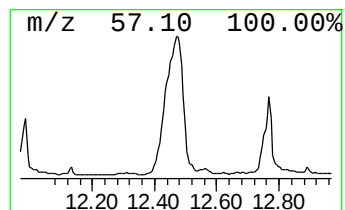
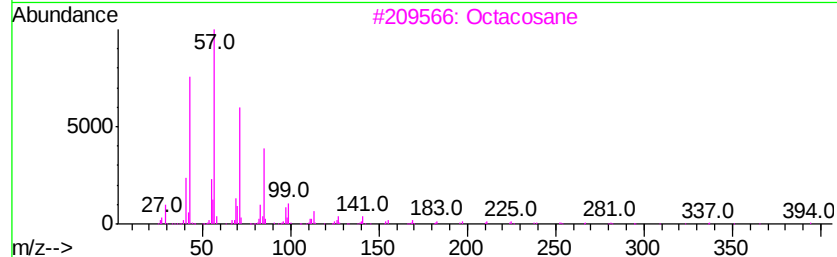
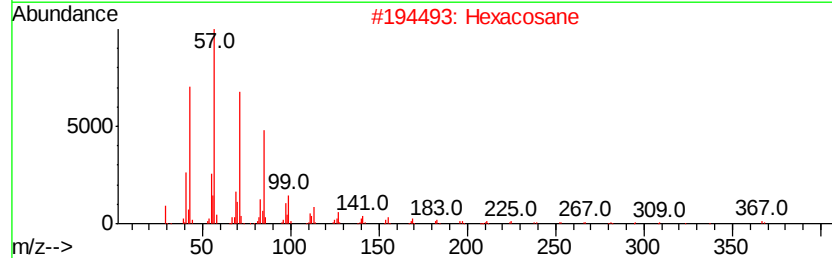
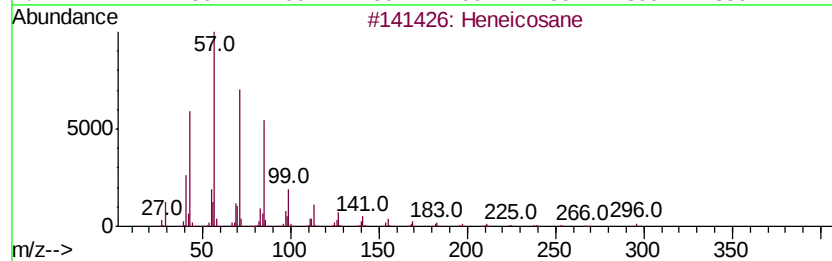
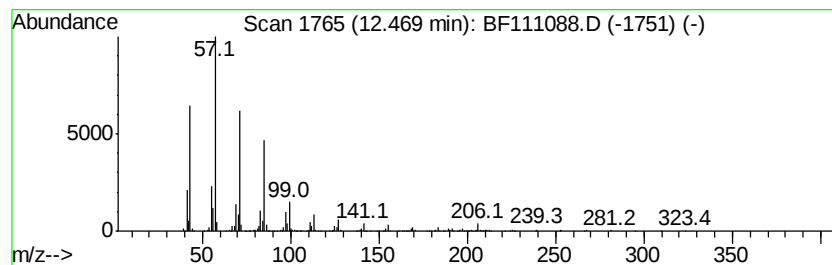
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	103.35 ng	2993970	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octacosane		394	C28H58	000630-02-4	90
4	Octadecane		254	C18H38	000593-45-3	87
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
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Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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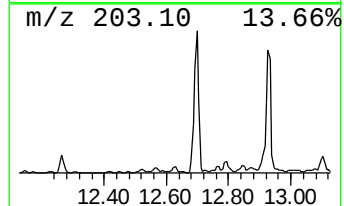
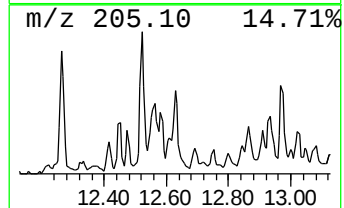
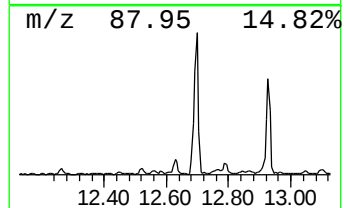
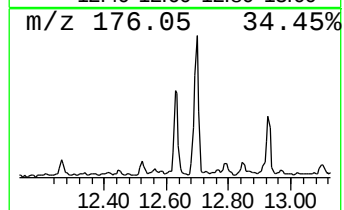
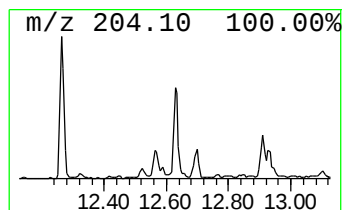
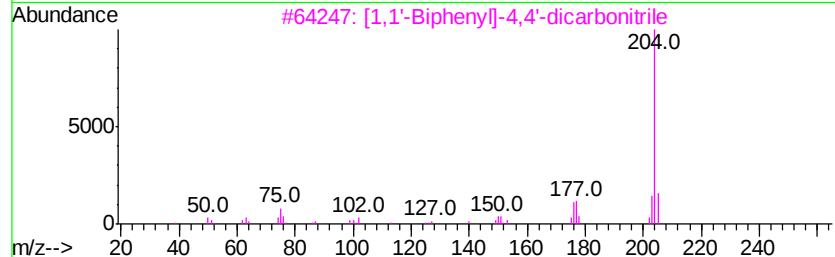
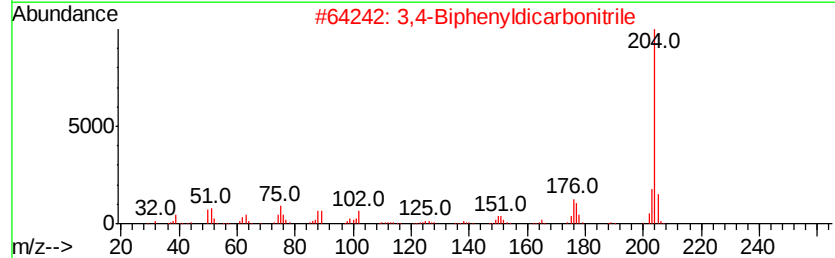
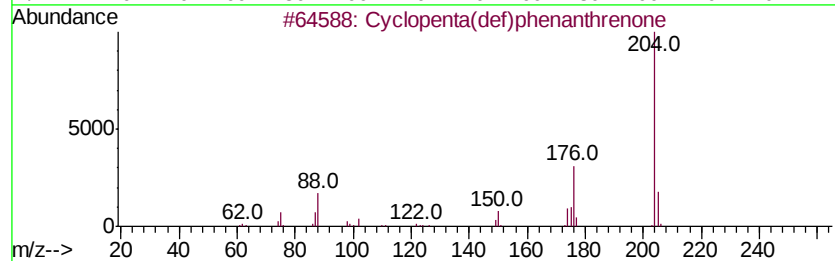
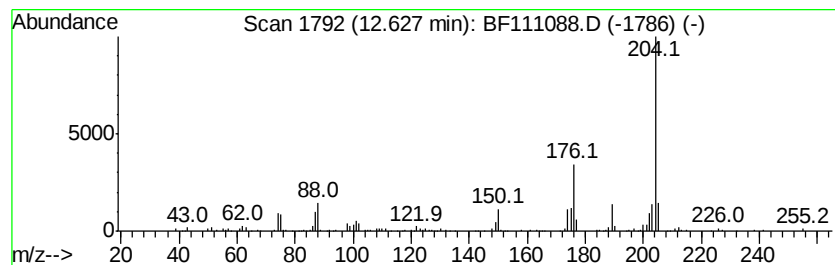
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	7.70 ng	223033	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4		6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	53
5		4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
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Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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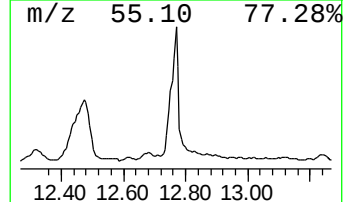
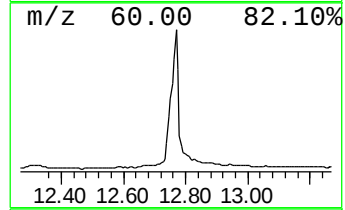
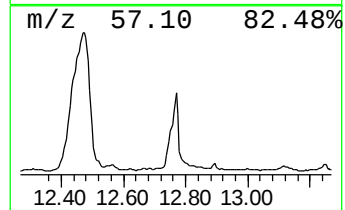
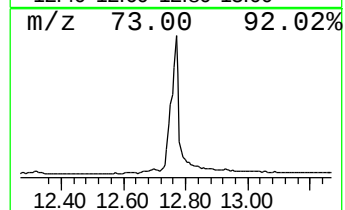
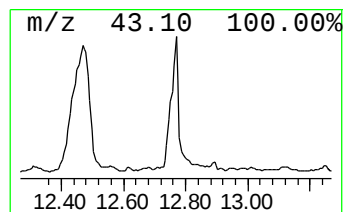
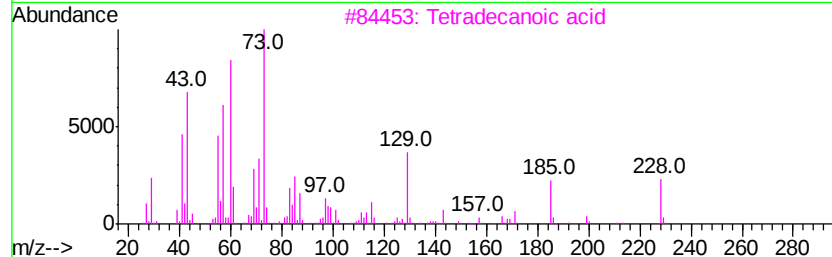
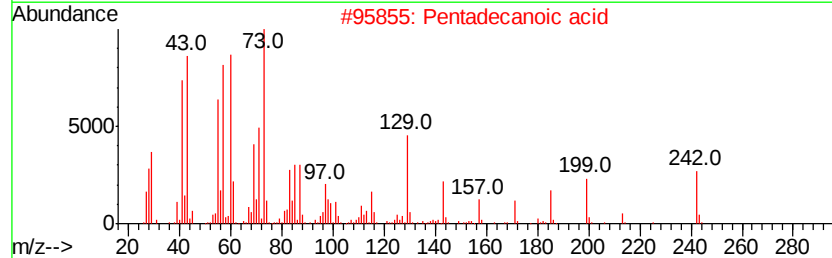
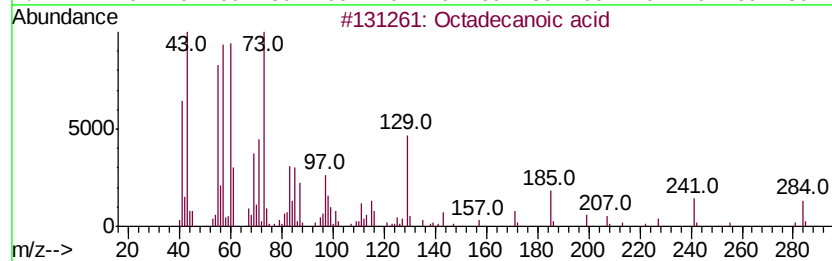
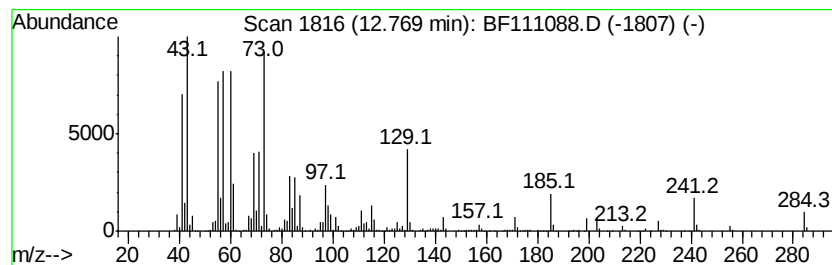
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	62.61 ng	1813970	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
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ClientSampleId :
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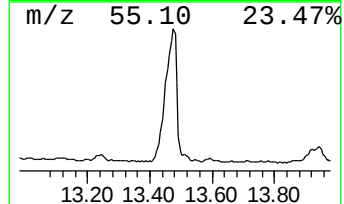
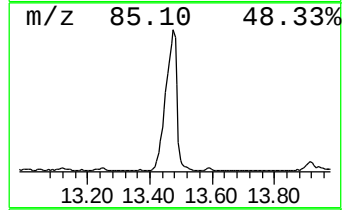
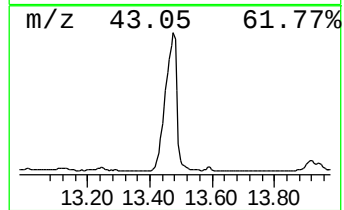
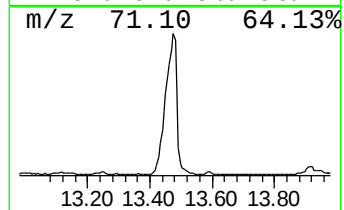
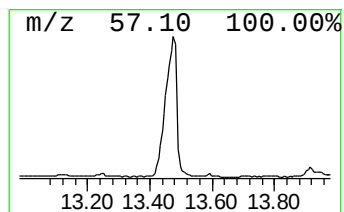
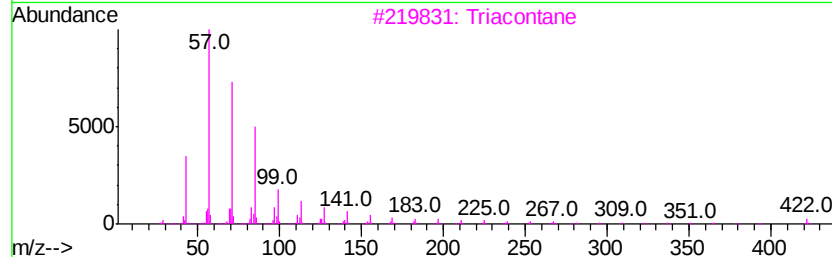
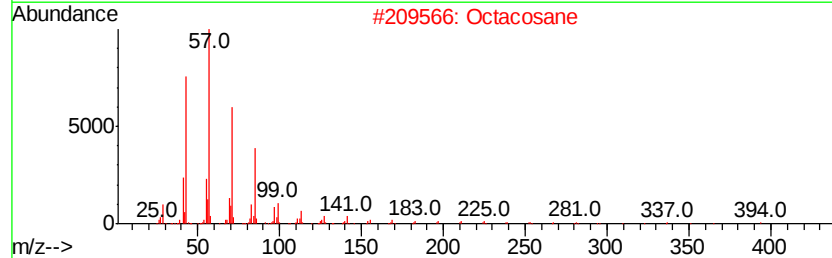
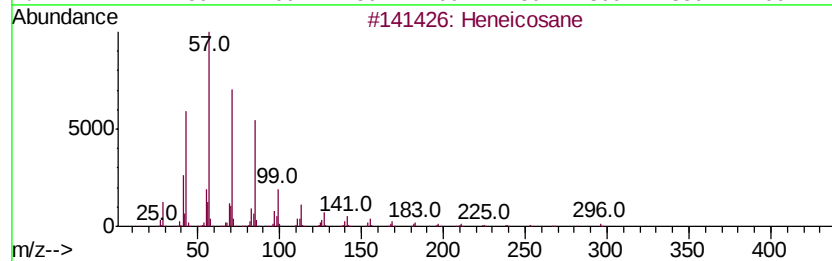
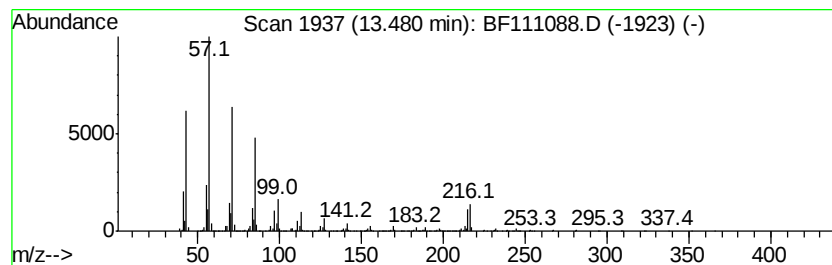
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	48.73 ng	4304100	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	81
2	Octacosane		394	C28H58	000630-02-4	81
3	Triacontane		422	C30H62	000638-68-6	81
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	74
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
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ClientSampleId :
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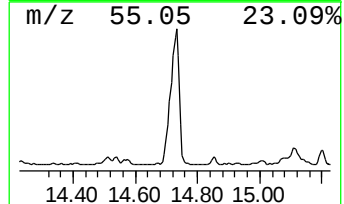
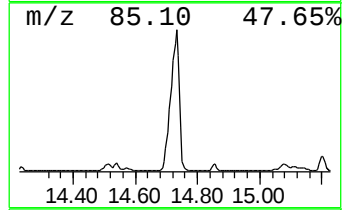
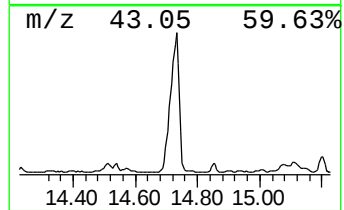
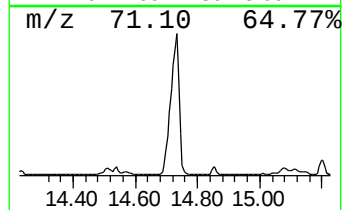
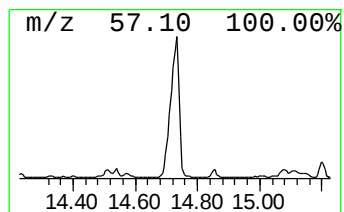
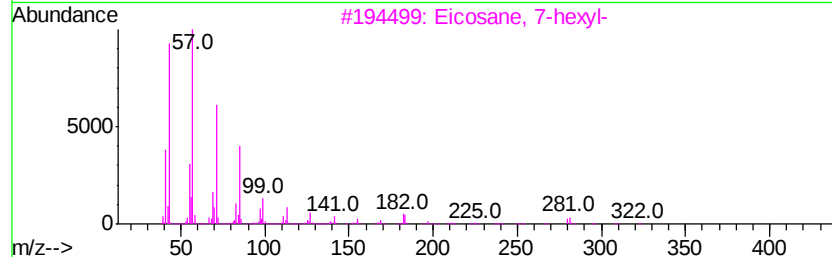
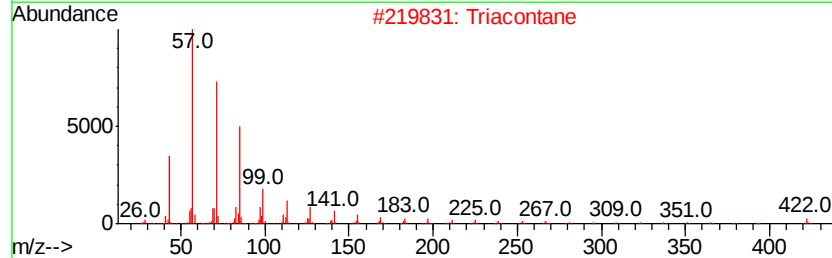
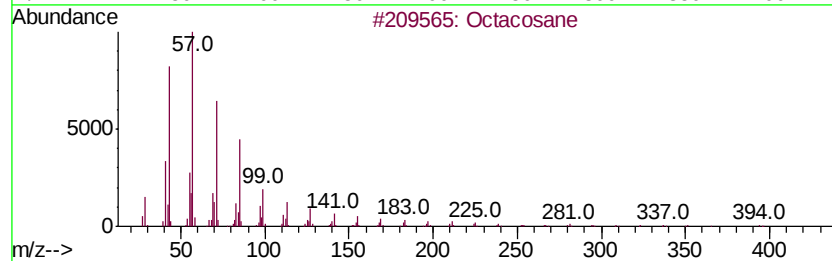
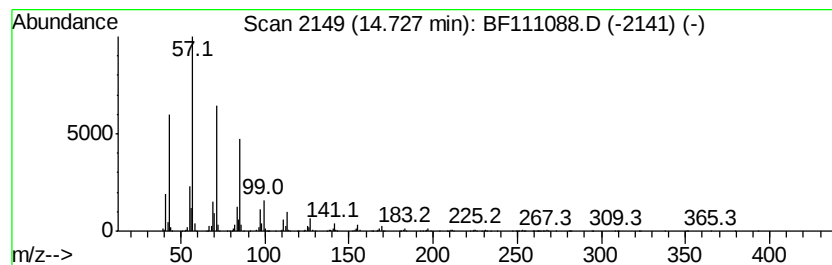
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	46.75 ng	4129550	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Triacontane	422	C30H62	000638-68-6	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
Operator : JU/SJ
Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

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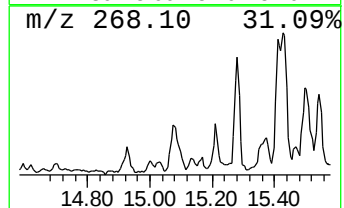
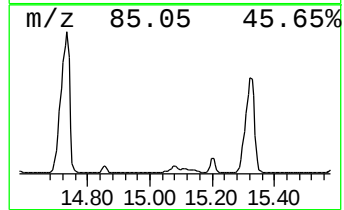
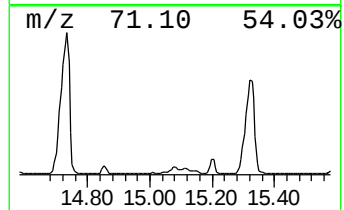
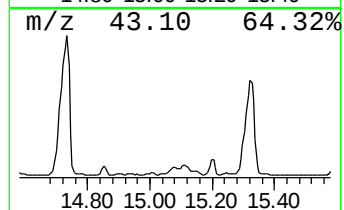
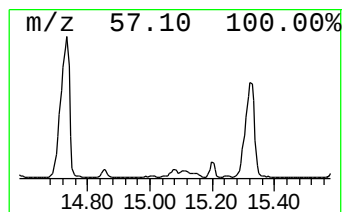
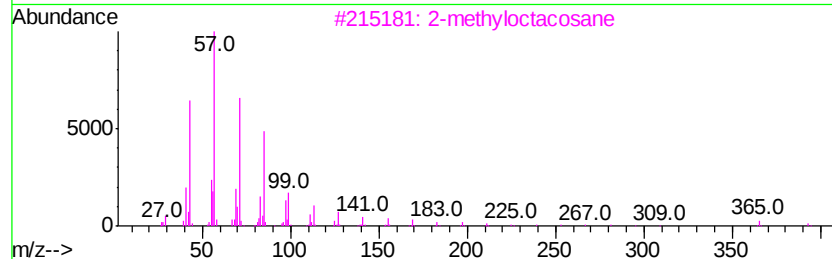
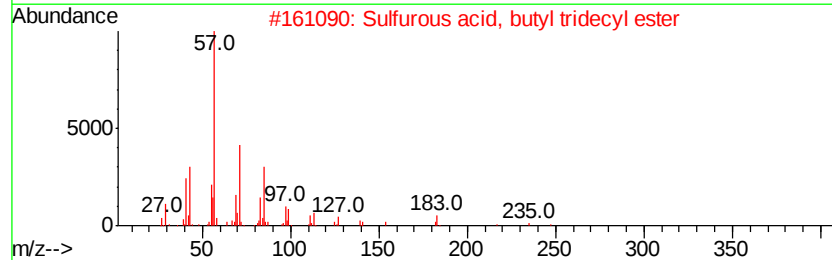
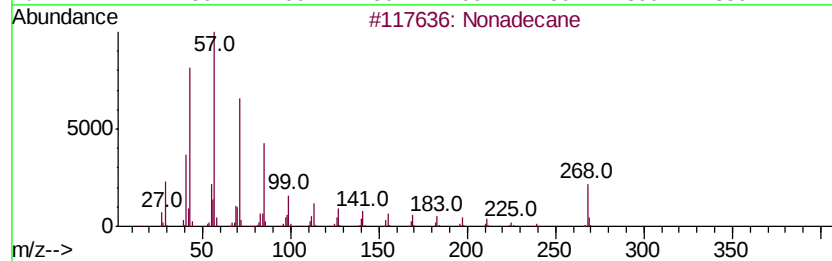
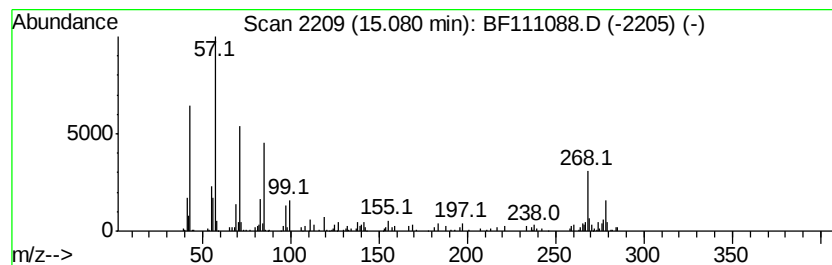
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	8.24 ng	128224	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	60
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	49
3		2-methyloctacosane	408	C29H60	1000376-72-8	49
4		Hentriacontane	437	C31H64	000630-04-6	49
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
Operator : JU/SJ
Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-02

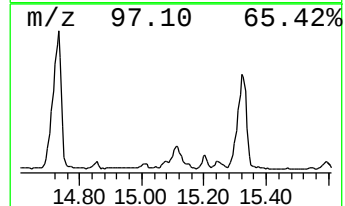
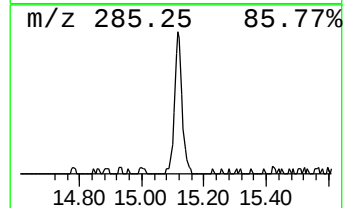
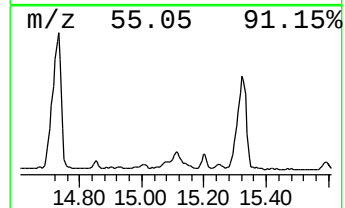
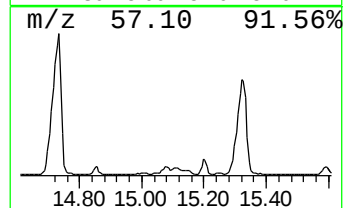
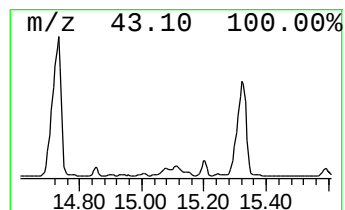
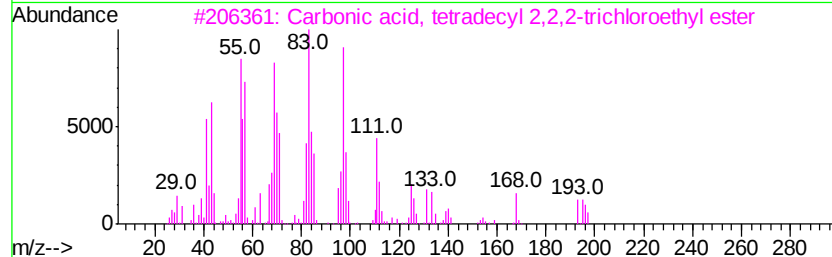
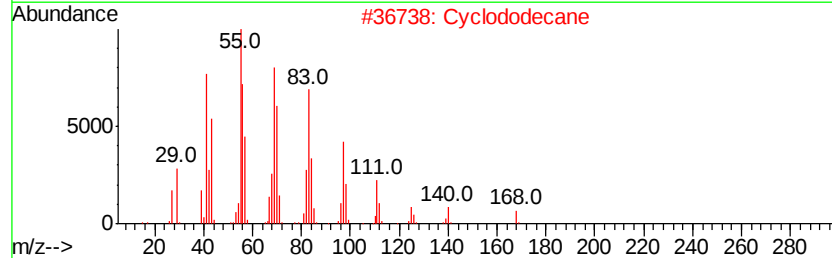
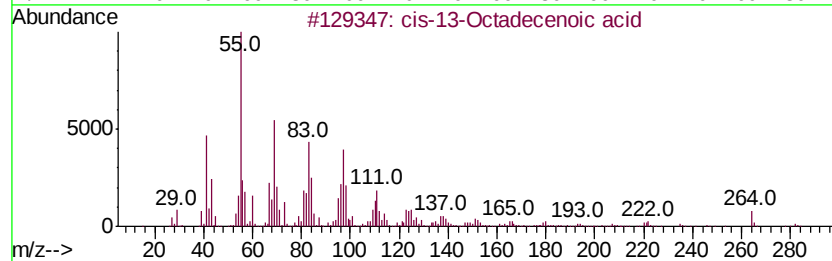
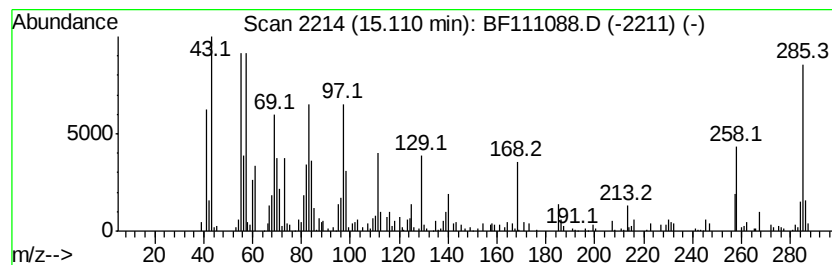
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown15.11 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	13.40 ng	208447	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	35
2		Cyclododecane	168	C12H24	000294-62-2	30
3		Carbonic acid, tetradecyl 2,2,2-trichloroethyl ester	388	C17H31Cl3O3	1000314-56-0	25
4		1-Octadecanethiol	286	C18H38S	002885-00-9	25
5		1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	15



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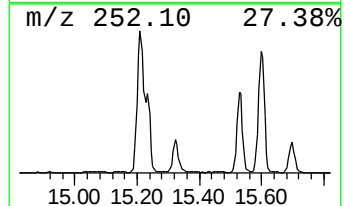
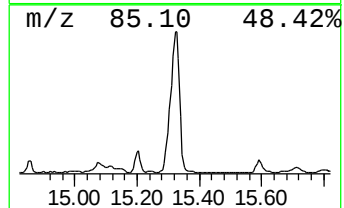
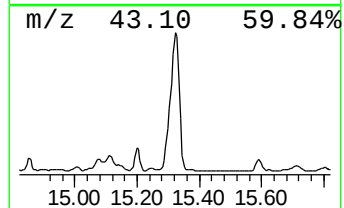
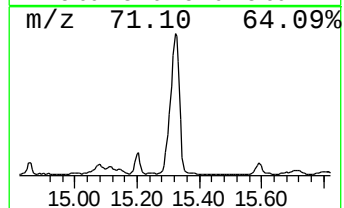
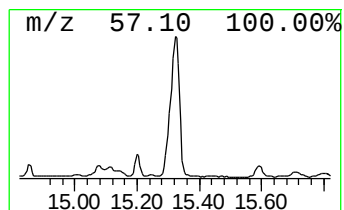
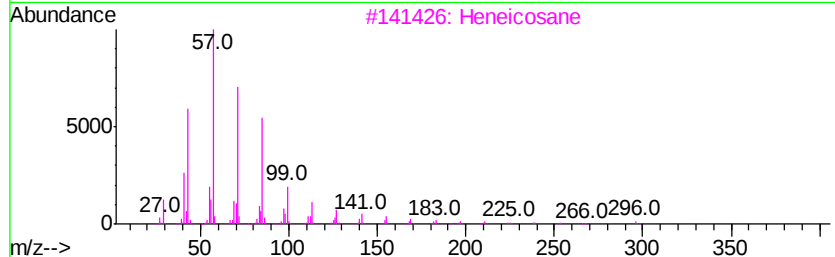
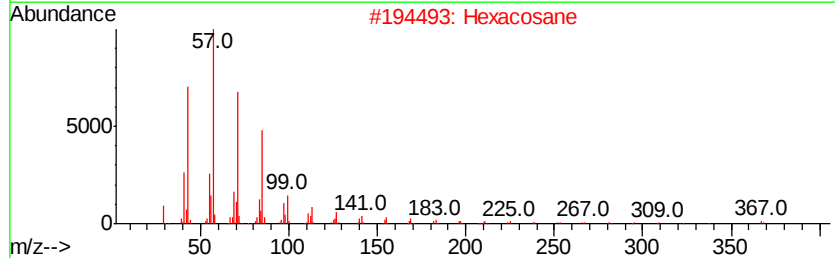
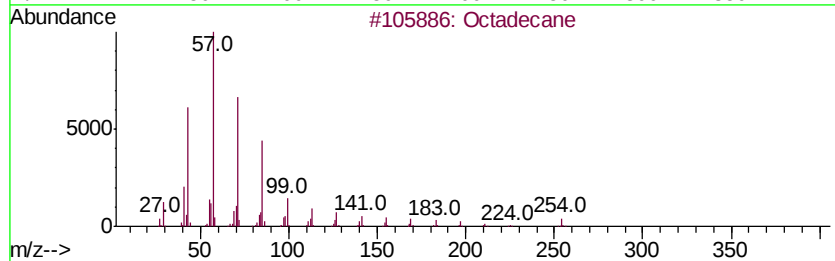
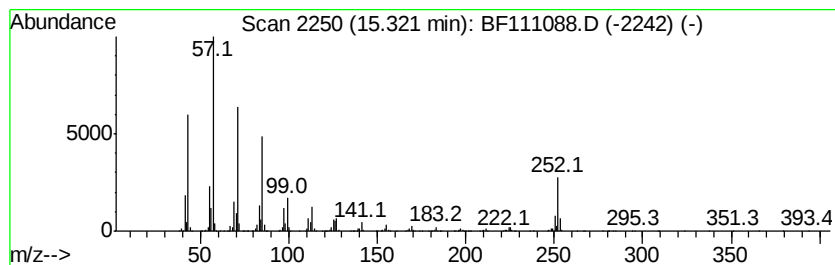
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	201.39 ng	3133310	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Hexacosane	366	C26H54	000630-01-3	81
3		Heneicosane	296	C21H44	000629-94-7	81
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
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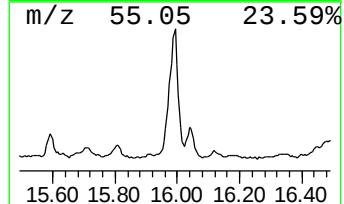
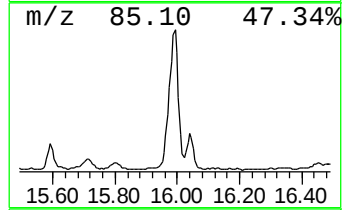
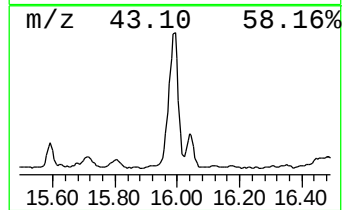
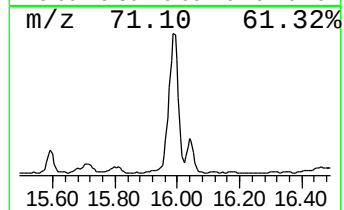
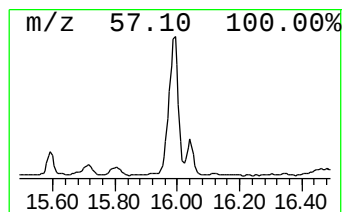
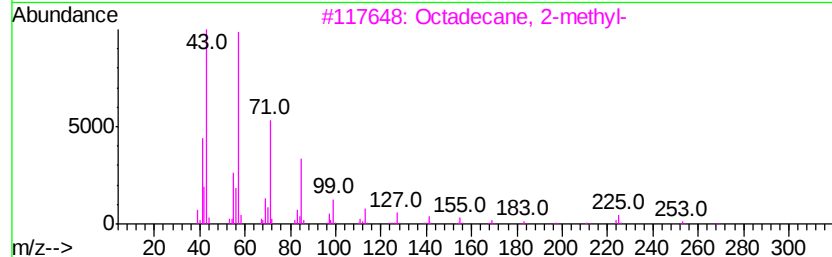
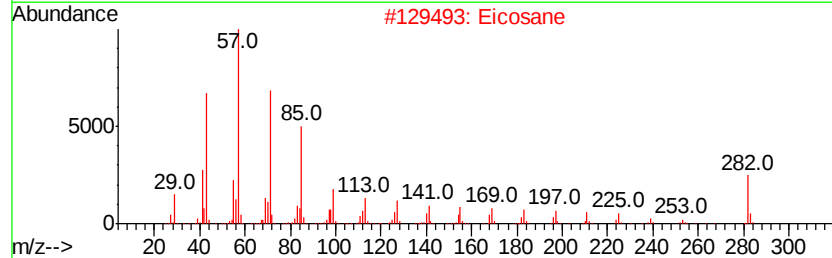
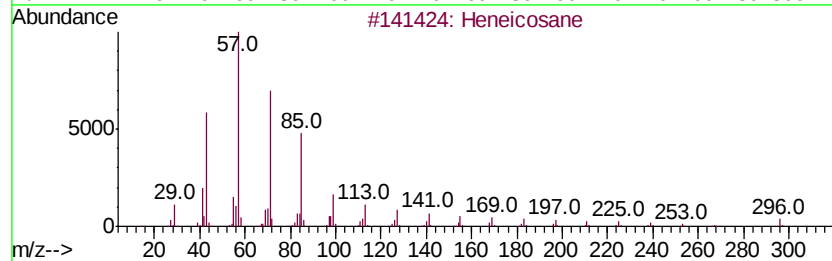
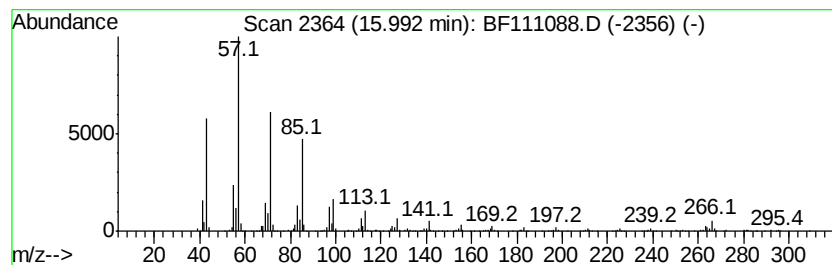
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	94.39 ng	1468610	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	92
2		Eicosane	282	C20H42	000112-95-8	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
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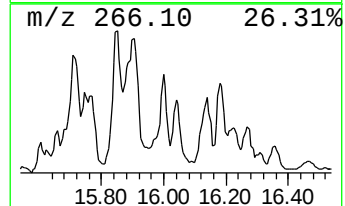
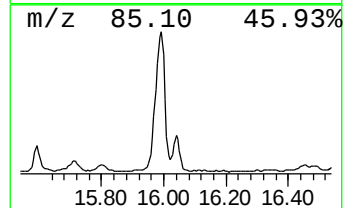
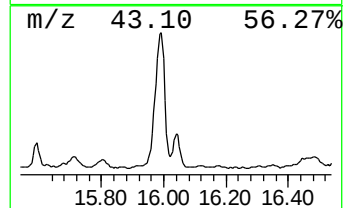
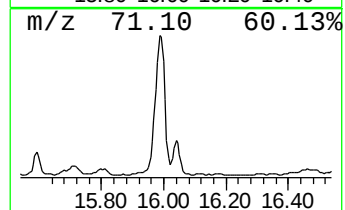
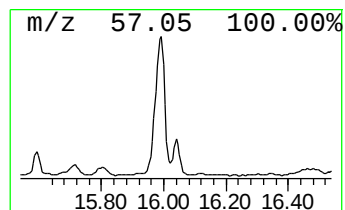
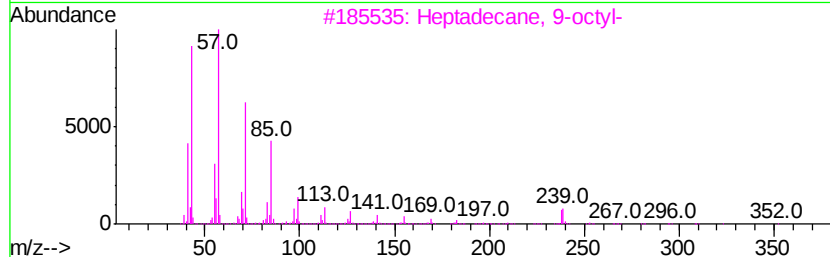
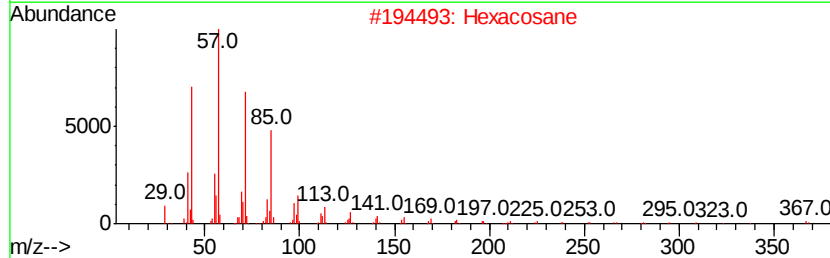
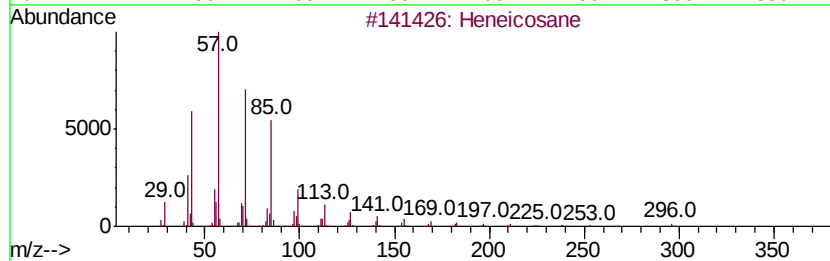
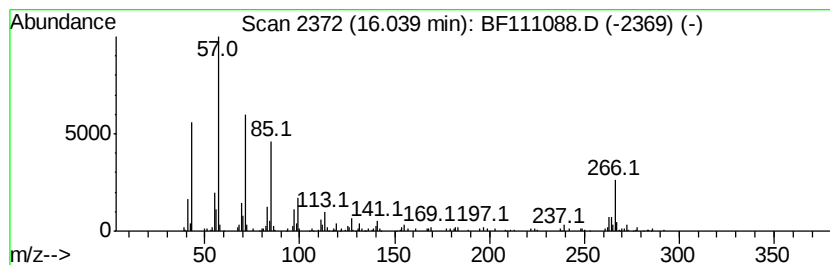
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	21.21 ng	329998	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	76
2		Hexacosane	366	C26H54	000630-01-3	76
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
4		Hentriacontane	437	C31H64	000630-04-6	68
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
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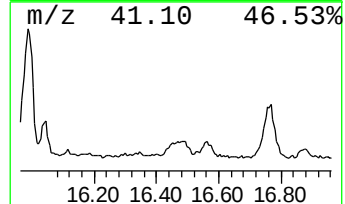
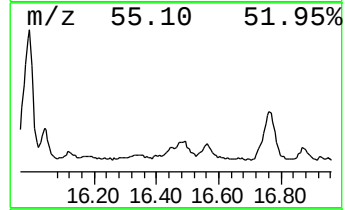
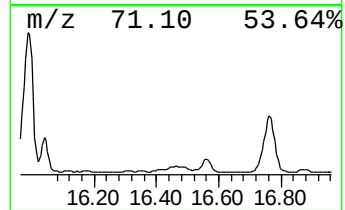
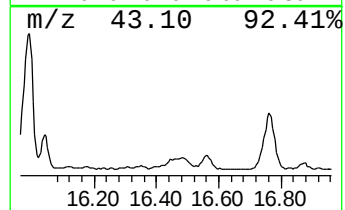
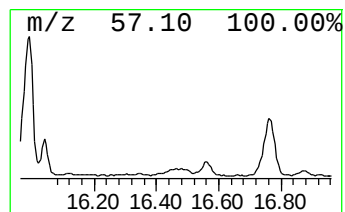
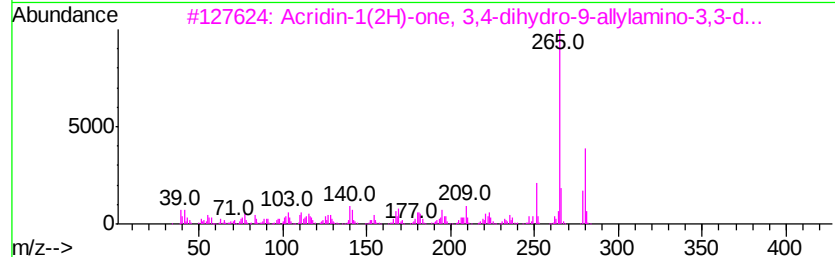
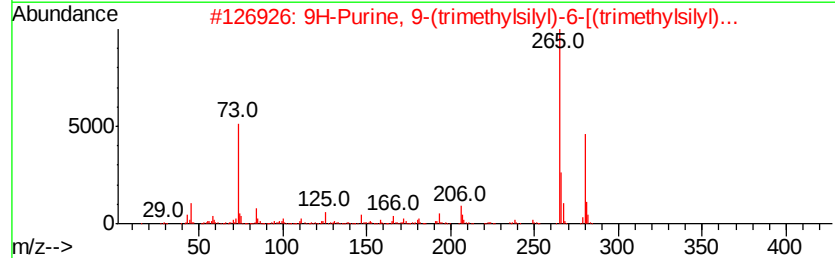
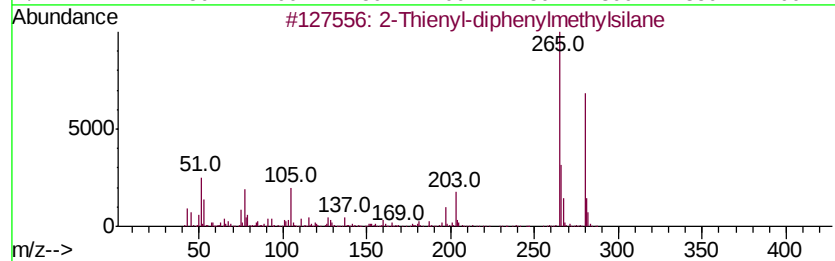
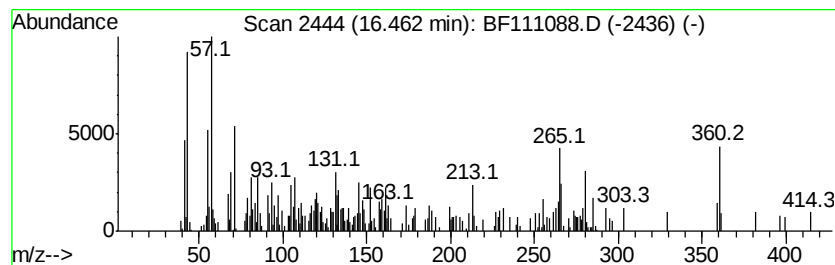
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.46 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	28.06 ng	436644	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Thienyl-diphenylmethyldisilane	280	C17H16SSi	022409-06-9	30
2		9H-Purine, 9-(trimethylsilyl)-6-...	280	C11H20N4OSi2	017962-89-9	22
3		Acridin-1(2H)-one, 3,4-dihydro-9...	280	C18H20N2O	300359-68-6	14
4		3-(Benzimidazol-2'-yl)methyl-2-b...	265	C15H11N3O2	1000298-86-6	14
5		Thiophene-3-carbonitrile, 4-(3-c...	265	C12H8ClNS2	116526-47-7	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
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Acq On : 29 Nov 2018 14:00
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Misc :
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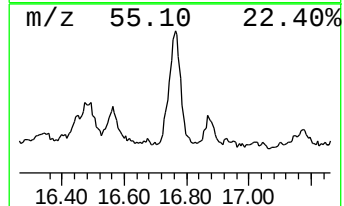
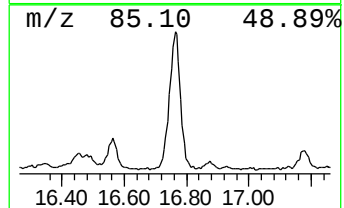
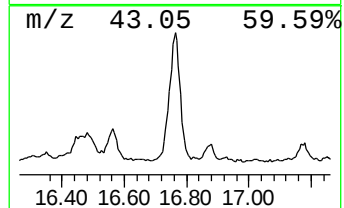
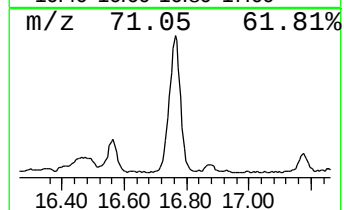
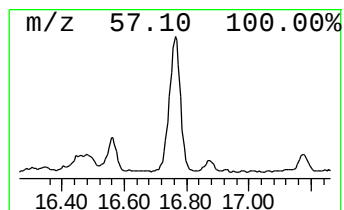
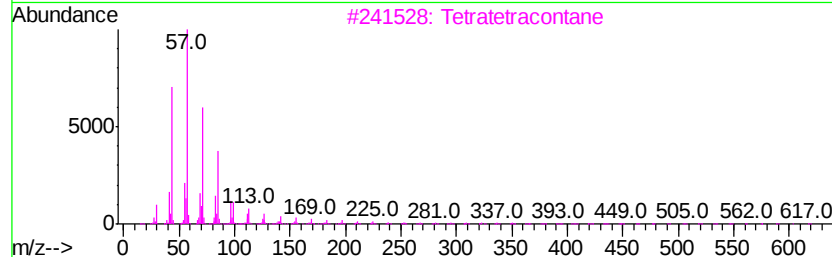
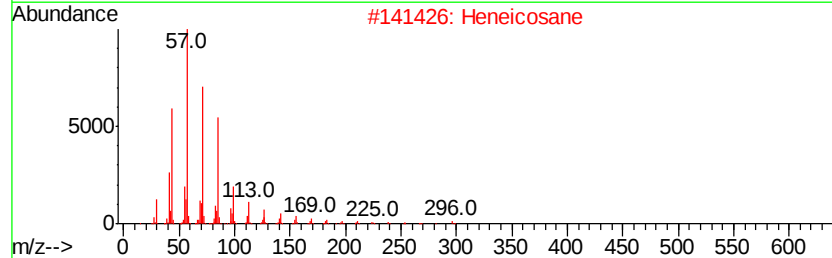
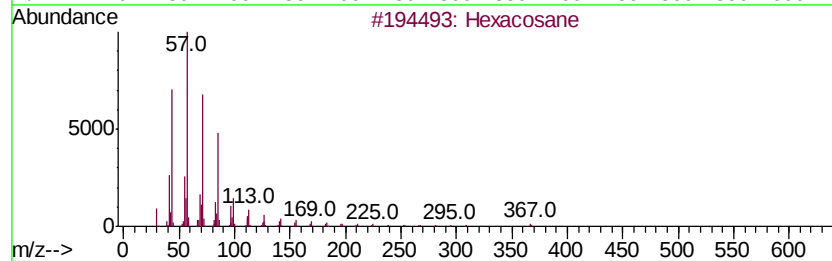
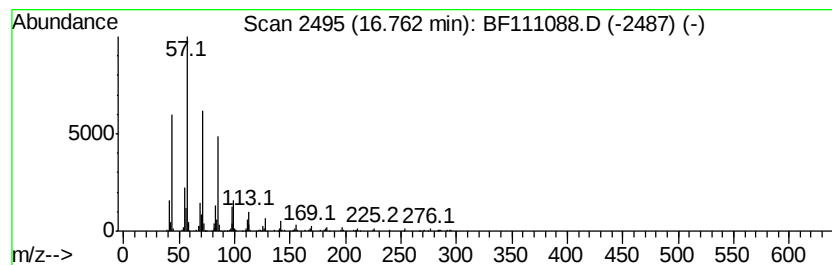
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	46.27 ng	719877	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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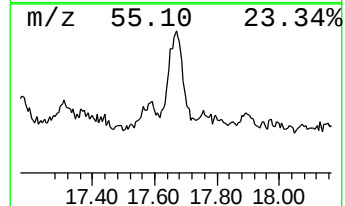
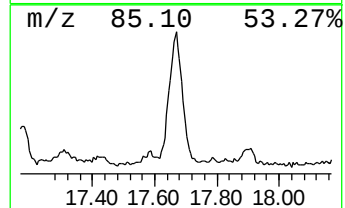
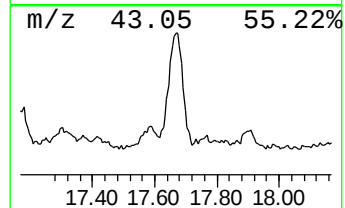
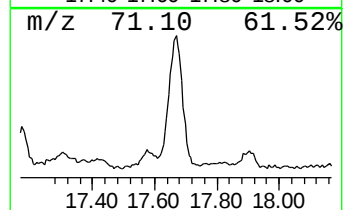
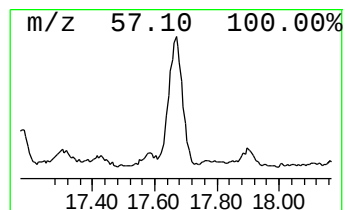
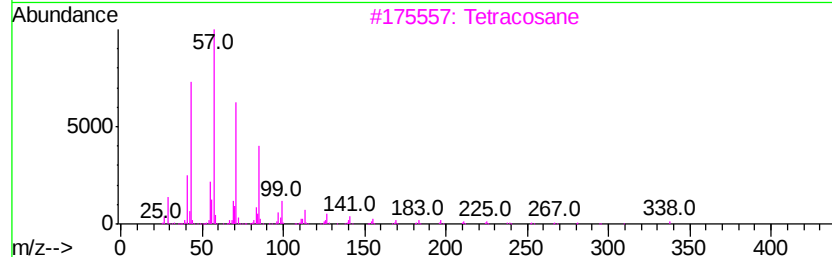
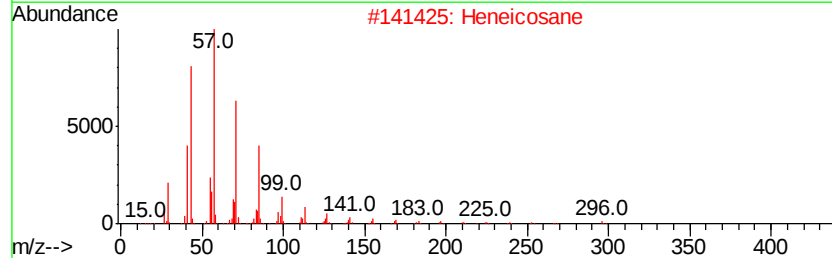
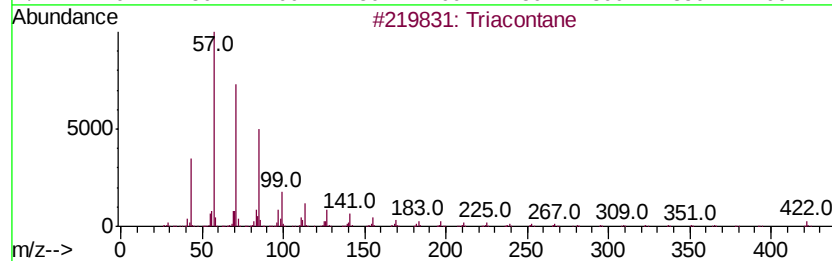
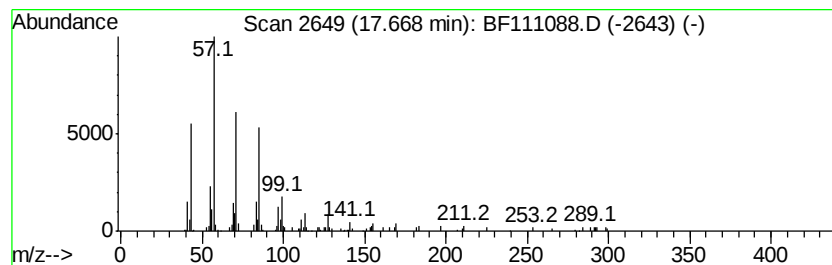
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	16.00 ng	249001	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Docosane	310	C22H46	000629-97-0	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111088.D
Acq On : 29 Nov 2018 14:00
Operator : JU/SJ
Sample : J6051-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-02

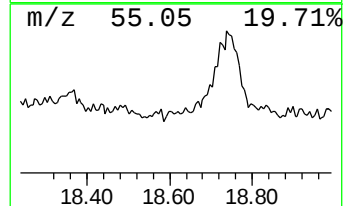
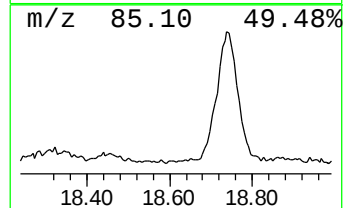
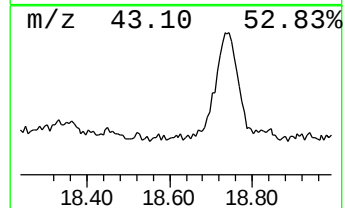
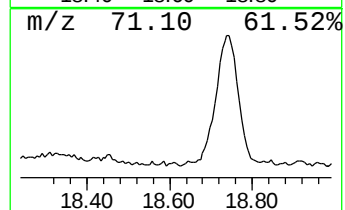
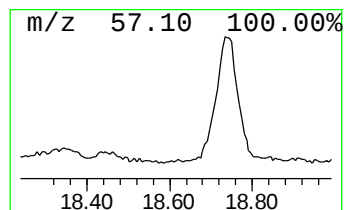
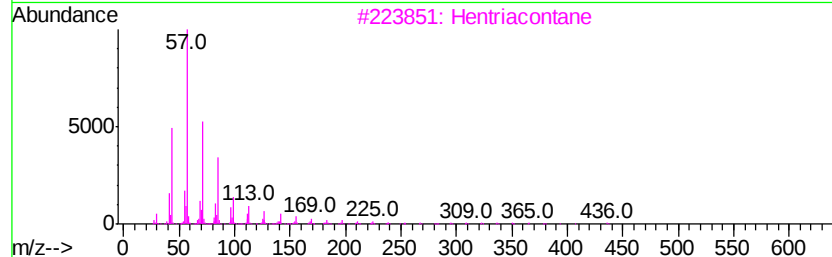
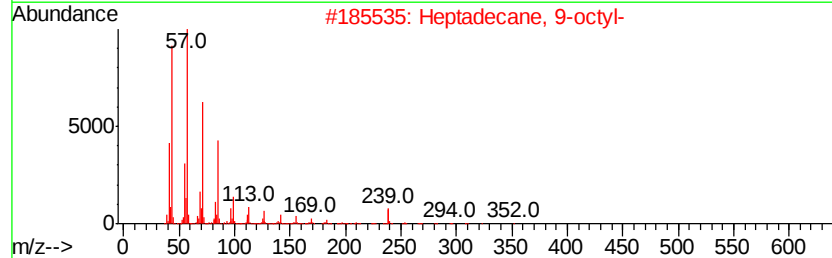
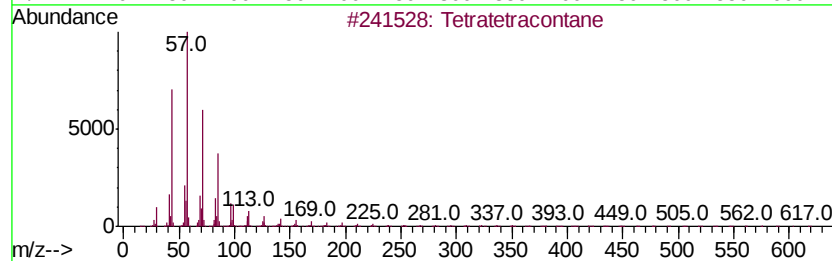
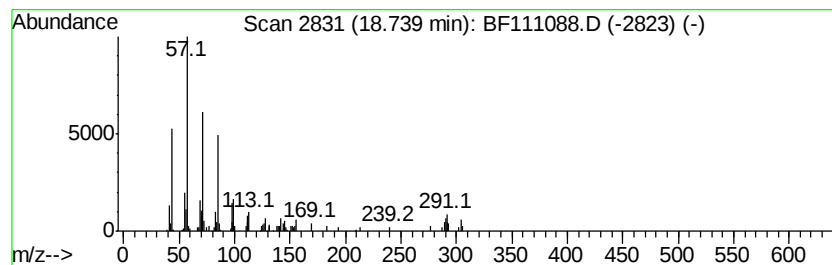
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetratetracontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	19.34 ng	300878	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5		2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\
 Data File : BF111088.D
 Acq On : 29 Nov 2018 14:00
 Operator : JU/SJ
 Sample : J6051-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
unknown6.70	6.70	42.8	ng	791349	1	6.93	369582	20.0
n-Hexadecanoic acid	11.99	56.9	ng	1649210	4	11.47	579411	20.0
4H-Cyclopenta[def...	12.09	19.1	ng	552702	4	11.47	579411	20.0
9,10-Anthracenedione	12.32	10.1	ng	293277	4	11.47	579411	20.0
Heneicosane	12.47	103.3	ng	2993970	4	11.47	579411	20.0
Cyclopenta(def)ph...	12.63	7.7	ng	223033	4	11.47	579411	20.0
Octadecanoic acid	12.77	62.6	ng	1813970	4	11.47	579411	20.0
Triacontane	13.48	48.7	ng	4304100	5	14.13	1766520	20.0
Eicosane, 7-hexyl-	14.73	46.8	ng	4129550	5	14.13	1766520	20.0
Nonadecane	15.08	8.2	ng	128224	6	15.66	311170	20.0
unknown15.11	15.11	13.4	ng	208447	6	15.66	311170	20.0
Octadecane	15.32	201.4	ng	3133310	6	15.66	311170	20.0
Eicosane	15.99	94.4	ng	1468610	6	15.66	311170	20.0
Heptadecane, 9-oc...	16.04	21.2	ng	329998	6	15.66	311170	20.0
unknown16.46	16.46	28.1	ng	436644	6	15.66	311170	20.0
Hexacosane	16.76	46.3	ng	719877	6	15.66	311170	20.0
Tetracosane	17.67	16.0	ng	249001	6	15.66	311170	20.0
Tetratetracontane	18.74	19.3	ng	300878	6	15.66	311170	20.0