

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081719\
 Data File : BF116366.D
 Acq On : 17 Aug 2019 19:13
 Operator : HP/JU
 Sample : K4223-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

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-BF073019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	566	570	592	rBV	1976187	2429774	70.25%	4.890%
2	6.451	738	742	756	rBV	2461092	2552959	73.81%	5.138%
3	6.581	761	764	774	rVB	2716096	2593863	74.99%	5.220%
4	6.810	800	803	813	rVB	899371	828762	23.96%	1.668%
5	6.963	826	829	839	rBV	2199151	2043500	59.08%	4.112%
6	7.375	895	899	921	rVB	1662174	1677823	48.51%	3.377%
7	8.086	1017	1020	1029	rBV	1122131	1087097	31.43%	2.188%
8	9.157	1199	1202	1211	rBV	2738512	2598319	75.12%	5.229%
9	9.275	1218	1222	1226	rBV4	35134	35729	1.03%	0.072%
10	9.469	1252	1255	1257	rBV2	45381	42070	1.22%	0.085%
11	9.492	1257	1259	1264	rVV	164188	144394	4.17%	0.291%
12	9.557	1264	1270	1273	rVV	506606	479331	13.86%	0.965%
13	9.592	1273	1276	1281	rVB2	90975	86123	2.49%	0.173%
14	9.686	1287	1292	1294	rBV2	50004	56735	1.64%	0.114%
15	9.751	1298	1303	1305	rVV4	51547	54117	1.56%	0.109%
16	9.839	1315	1318	1321	rBV	1460870	1229688	35.55%	2.475%
17	9.863	1321	1322	1326	rVV3	130505	86748	2.51%	0.175%
18	9.910	1328	1330	1333	rVB	64292	51634	1.49%	0.104%
19	9.957	1333	1338	1342	rBV	296981	262783	7.60%	0.529%
20	9.992	1342	1344	1347	rVB	73739	60717	1.76%	0.122%
21	10.069	1350	1357	1359	rBV7	39109	63621	1.84%	0.128%
22	10.133	1364	1368	1371	rVB	105169	107871	3.12%	0.217%
23	10.480	1425	1427	1429	rVB2	45510	35885	1.04%	0.072%
24	10.504	1429	1431	1435	rVB2	101350	89415	2.59%	0.180%
25	10.563	1435	1441	1443	rBV5	76079	100495	2.91%	0.202%
26	10.604	1443	1448	1449	rVV3	86033	108495	3.14%	0.218%
27	10.627	1449	1452	1456	rVV	1624832	1712359	49.51%	3.446%
28	10.692	1460	1463	1469	rVB2	72292	87018	2.52%	0.175%
29	10.745	1469	1472	1477	rBV2	83704	91413	2.64%	0.184%
30	10.933	1501	1504	1508	rBV	56558	51692	1.49%	0.104%
31	11.010	1512	1517	1520	rBV6	49100	94242	2.72%	0.190%
32	11.045	1520	1523	1525	rVB	45967	43806	1.27%	0.088%
33	11.327	1565	1571	1573	rVV	1342556	1225016	35.42%	2.465%
34	11.351	1573	1575	1577	rVV	175234	184366	5.33%	0.371%

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35	11.374	1577	1579	1581	rVB	180688	139080	4.02%	0.280%
36	11.457	1587	1593	1597	rVB	126975	146389	4.23%	0.295%
37	11.674	1627	1630	1633	rBV2	22680	34624	1.00%	0.070%
38	11.704	1633	1635	1640	rVB2	56417	58589	1.69%	0.118%
39	11.804	1646	1652	1656	rBV2	148119	213021	6.16%	0.429%
40	11.857	1657	1661	1673	rVV	1077276	1243868	35.96%	2.503%
41	12.010	1685	1687	1691	rBV	238260	220930	6.39%	0.445%
42	12.104	1700	1703	1705	rBV4	41782	48770	1.41%	0.098%
43	12.204	1717	1720	1723	rVB	55219	52125	1.51%	0.105%
44	12.257	1727	1729	1733	rVB2	67063	74999	2.17%	0.151%
45	12.292	1733	1735	1739	rVB3	46248	39966	1.16%	0.080%
46	12.339	1739	1743	1745	rBV4	26575	44441	1.28%	0.089%
47	12.392	1748	1752	1753	rVV2	93334	105857	3.06%	0.213%
48	12.410	1753	1755	1758	rVB3	106124	94364	2.73%	0.190%
49	12.463	1761	1764	1774	rBV	375925	539577	15.60%	1.086%
50	12.545	1774	1778	1779	rBV	507407	588701	17.02%	1.185%
51	12.563	1779	1781	1790	rVV3	790168	1265038	36.57%	2.546%
52	12.633	1790	1793	1801	rVV	340756	492102	14.23%	0.990%
53	12.692	1801	1803	1806	rVV2	64943	74149	2.14%	0.149%
54	12.727	1806	1809	1812	rVV2	152414	156446	4.52%	0.315%
55	12.768	1813	1816	1821	rVV	267945	300300	8.68%	0.604%
56	12.821	1822	1825	1828	rVB2	60758	67841	1.96%	0.137%
57	12.904	1835	1839	1844	rBV	2404905	2037584	58.91%	4.101%
58	13.086	1866	1870	1871	rBV4	36393	54799	1.58%	0.110%
59	13.127	1875	1877	1882	rVB3	81578	87762	2.54%	0.177%
60	13.168	1882	1884	1887	rBV	41020	46155	1.33%	0.093%
61	13.298	1902	1906	1908	rBV3	135865	179615	5.19%	0.361%
62	13.333	1909	1912	1917	rVV2	288763	536727	15.52%	1.080%
63	13.404	1921	1924	1925	rVV	101474	101732	2.94%	0.205%
64	13.421	1925	1927	1931	rVB2	88241	87397	2.53%	0.176%
65	13.515	1941	1943	1947	rBV4	36458	47527	1.37%	0.096%
66	13.645	1963	1965	1967	rBV2	58468	58918	1.70%	0.119%
67	13.668	1967	1969	1976	rVB4	93331	94223	2.72%	0.190%
68	13.733	1977	1980	1981	rBV2	56573	64717	1.87%	0.130%
69	13.798	1988	1991	1997	rVB	392810	412882	11.94%	0.831%
70	13.880	2002	2005	2010	rBV	104775	108897	3.15%	0.219%
71	13.968	2016	2020	2023	rBV	868574	852084	24.63%	1.715%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	14.110	2041	2044	2047	rBV2	82479	79426	2.30%	0.160%
73	14.415	2092	2096	2109	rBV2	571748	881077	25.47%	1.773%
74	14.615	2127	2130	2132	rBV	62828	64433	1.86%	0.130%
75	14.668	2136	2139	2142	rVV	87757	91534	2.65%	0.184%
76	14.710	2143	2146	2149	rVB	165747	184775	5.34%	0.372%
77	14.786	2156	2159	2163	rVB	317162	297462	8.60%	0.599%
78	14.933	2180	2184	2189	rBV3	98207	167811	4.85%	0.338%
79	15.009	2193	2197	2199	rVV2	160962	240068	6.94%	0.483%
80	15.039	2199	2202	2206	rVV	1648924	1964464	56.80%	3.953%
81	15.074	2206	2208	2213	rVB3	157344	204001	5.90%	0.411%
82	15.298	2242	2246	2252	rBV3	108474	179107	5.18%	0.360%
83	15.374	2256	2259	2261	rBV	61033	76128	2.20%	0.153%
84	15.421	2261	2267	2278	rVB2	614389	1038373	30.02%	2.090%
85	15.651	2304	2306	2313	rVB	67868	101687	2.94%	0.205%
86	15.727	2316	2319	2326	rVB3	73367	123754	3.58%	0.249%
87	15.827	2330	2336	2341	rVB	1193204	1730684	50.04%	3.483%
88	15.880	2341	2345	2353	rBV	128444	252165	7.29%	0.507%
89	16.092	2377	2381	2393	rVB	295586	585661	16.93%	1.179%
90	16.309	2415	2418	2430	rVB3	88709	188770	5.46%	0.380%
91	16.992	2529	2534	2543	rBV6	107279	287223	8.30%	0.578%
92	17.315	2585	2589	2594	rBV2	101604	197659	5.71%	0.398%
93	17.398	2595	2603	2616	rBV5	908993	3458859	100.00%	6.961%
94	17.498	2617	2620	2621	rBV2	125244	131835	3.81%	0.265%
95	17.598	2632	2637	2643	rVB	241475	484218	14.00%	0.974%
96	17.833	2671	2677	2687	rBV2	429857	1278115	36.95%	2.572%
97	18.168	2726	2734	2739	rBV3	572407	1683901	48.68%	3.389%
98	18.715	2824	2827	2840	rVB6	188786	547575	15.83%	1.102%

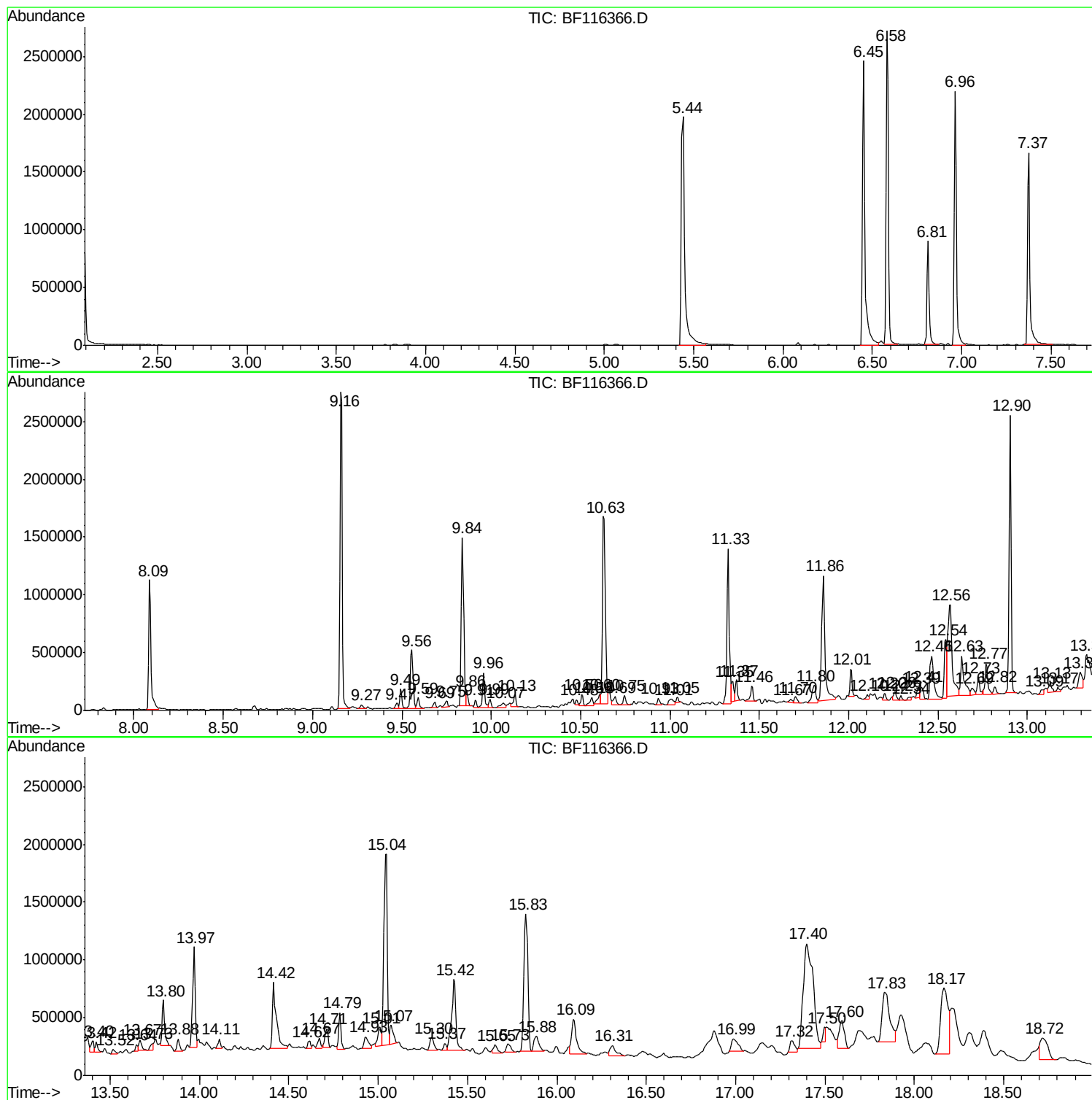
Sum of corrected areas: 49690821

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Instrument :
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SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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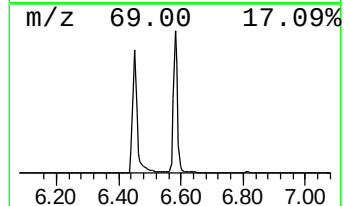
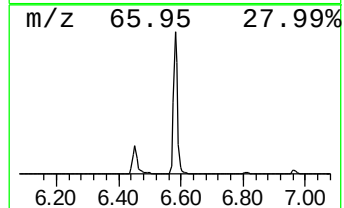
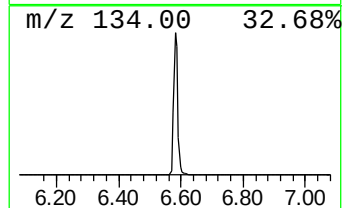
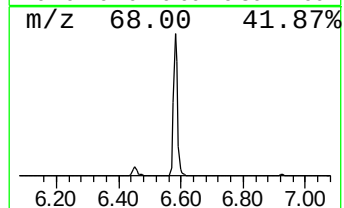
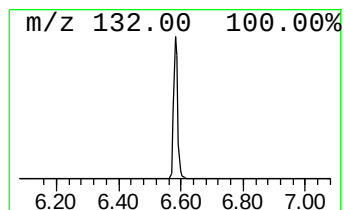
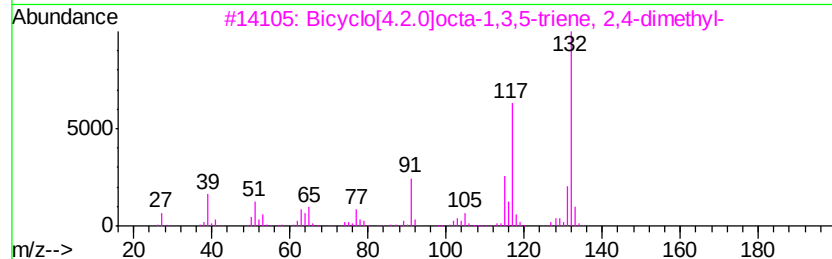
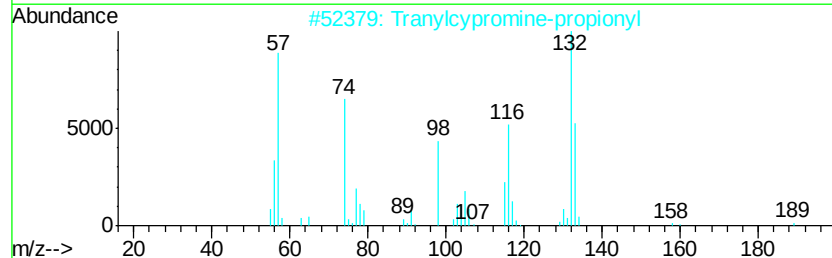
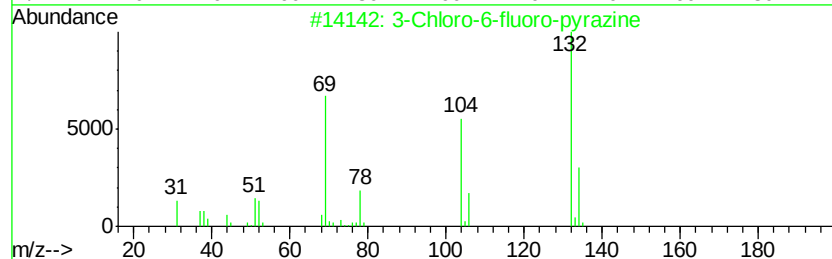
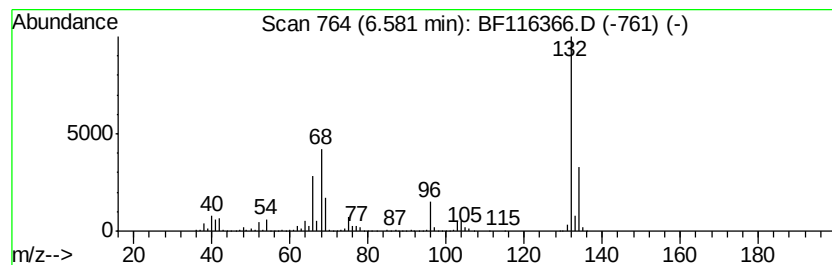
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	62.60 ng	2593860	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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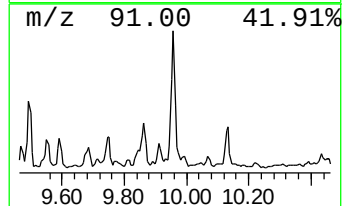
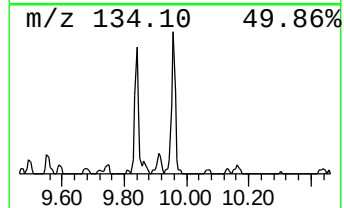
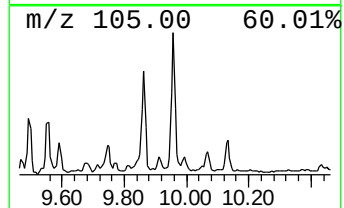
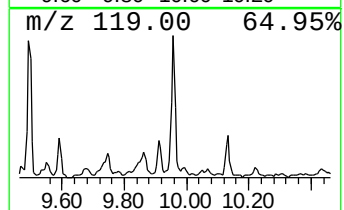
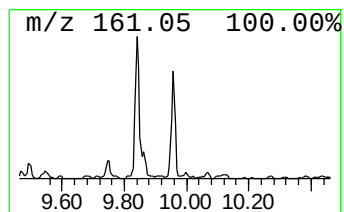
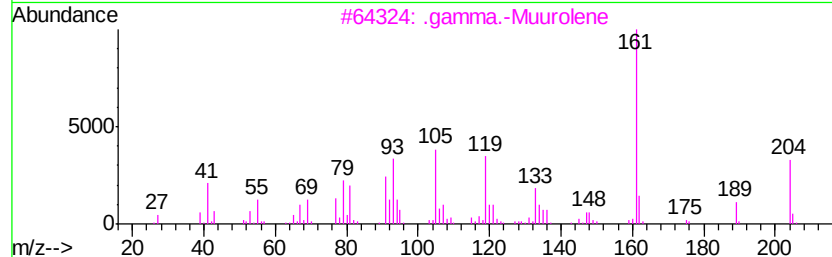
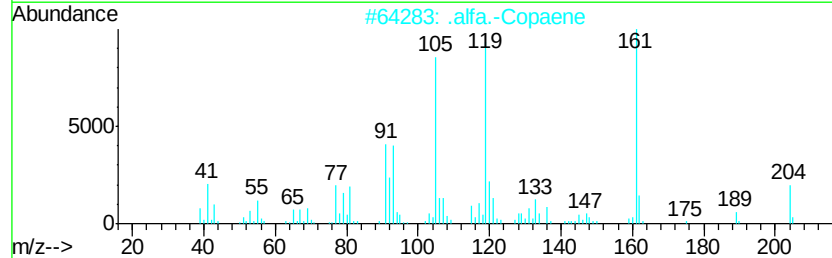
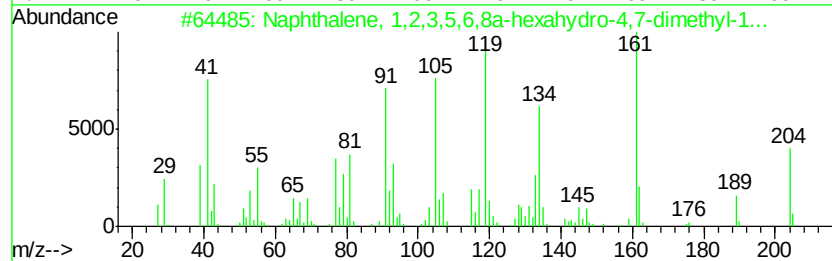
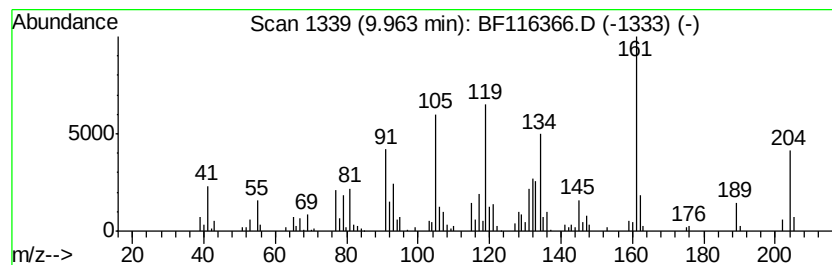
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.27 ng	262783	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	93
2		.alfa.-Copaene	204	C15H24	1000360-33-0	91
3		.gamma.-Muurolene	204	C15H24	030021-74-0	83
4		cis-muurolo-3,5-diene	204	C15H24	1000365-95-4	78
5		Isoledene	204	C15H24	1000156-10-8	70



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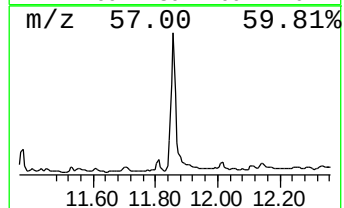
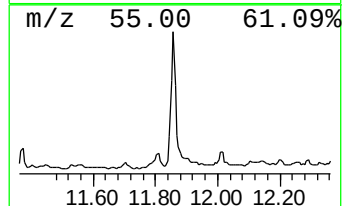
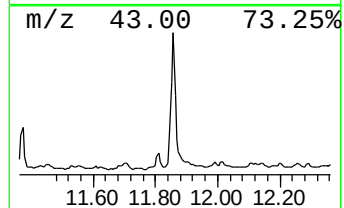
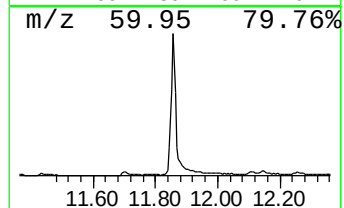
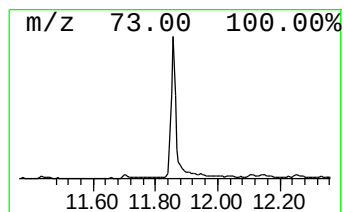
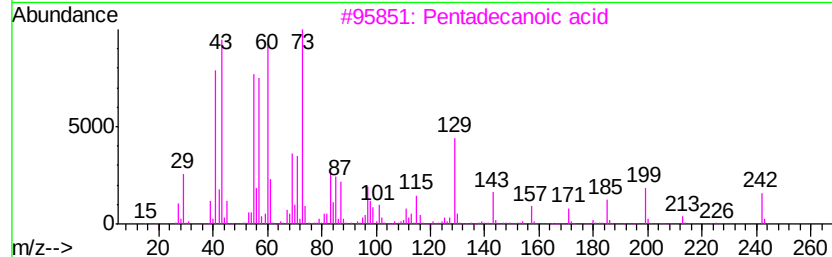
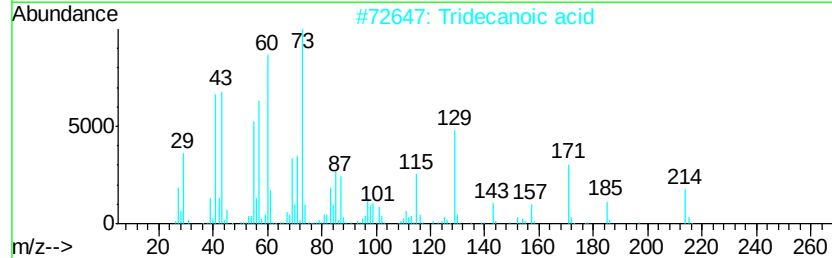
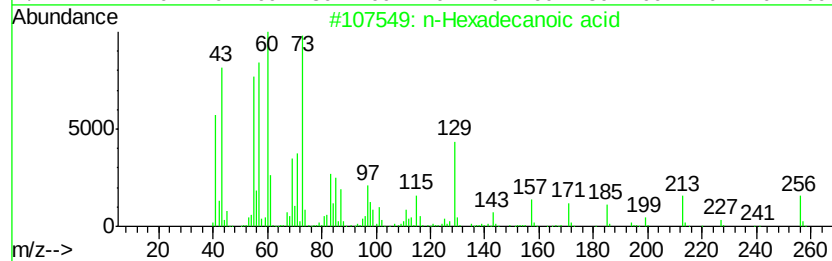
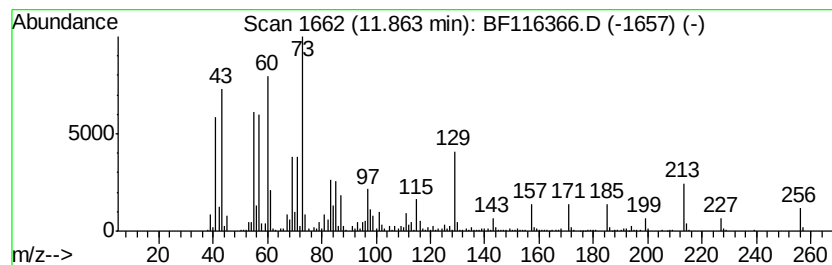
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	20.31 ng	1243870	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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Data File : BF116366.D
Acq On : 17 Aug 2019 19:13
Operator : HP/JU
Sample : K4223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-2

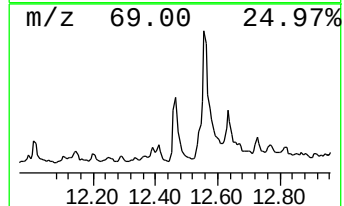
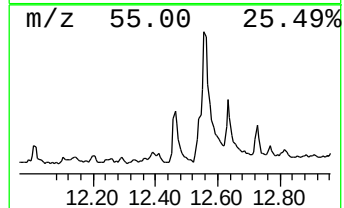
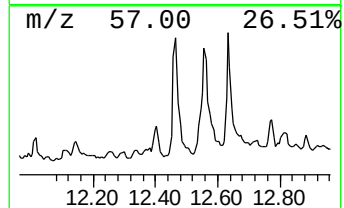
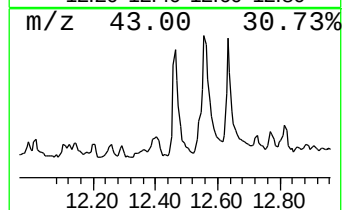
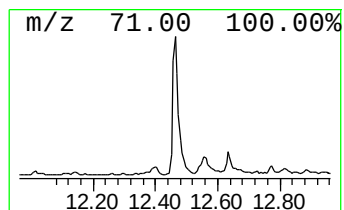
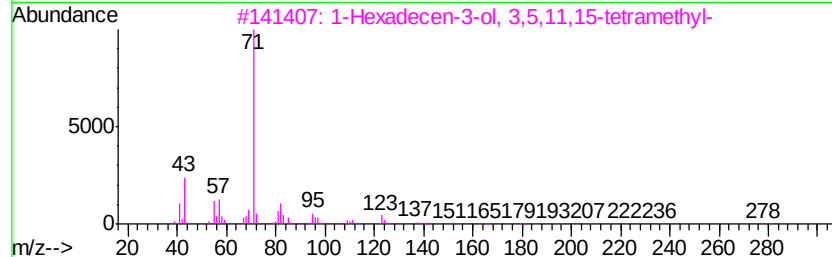
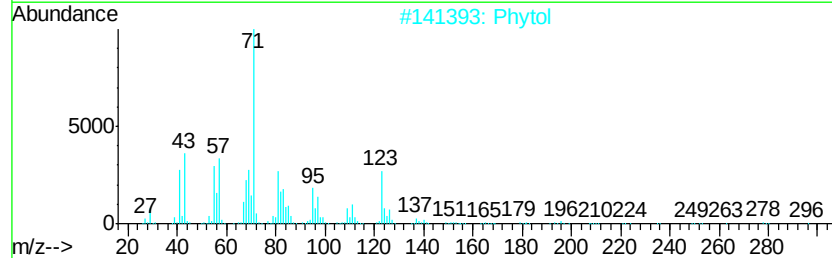
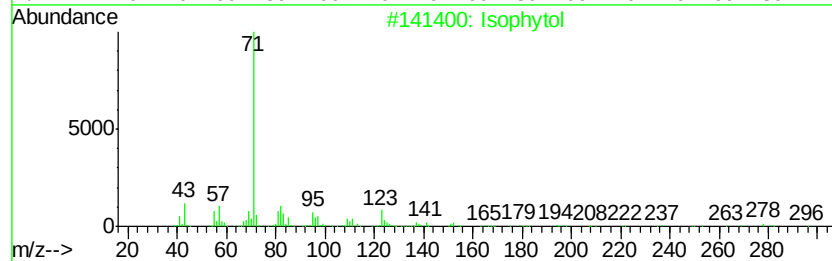
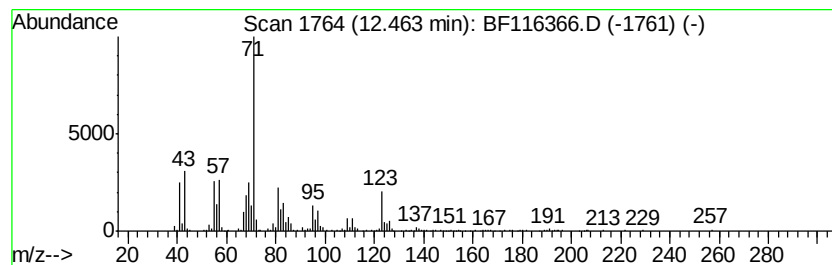
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Isophytol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	8.81 ng	539577	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophytol		296	C20H40O	000505-32-8	80
2	Phytol		296	C20H40O	000150-86-7	70
3	1-Hexadecen-3-ol, 3,5,11,15-tetr...		296	C20H40O	1000262-55-5	59
4	Butyric acid, 2-pentadecyl ester		298	C19H38O2	107853-73-6	50
5	Cyclohexanol, 3,5-dimethyl-		128	C8H16O	005441-52-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
Acq On : 17 Aug 2019 19:13
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Misc :
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Instrument :
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ClientSampleId :
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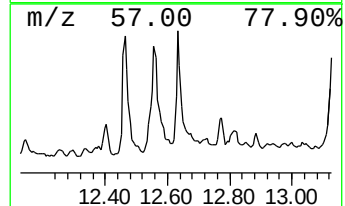
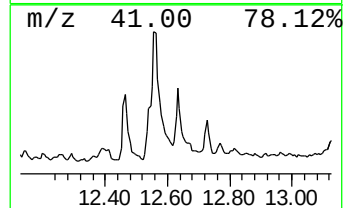
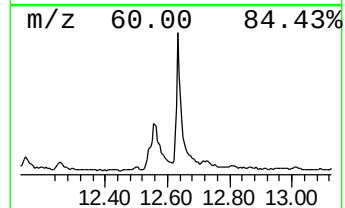
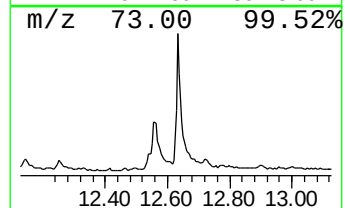
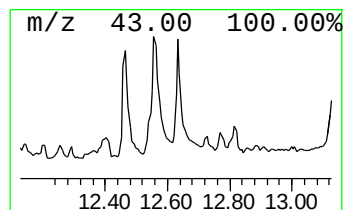
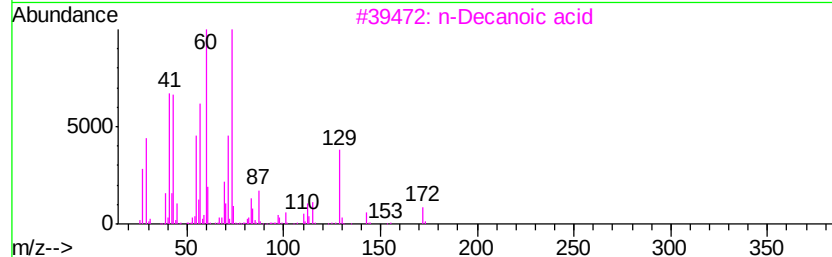
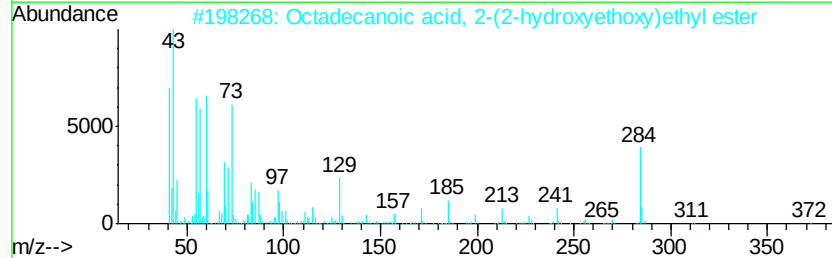
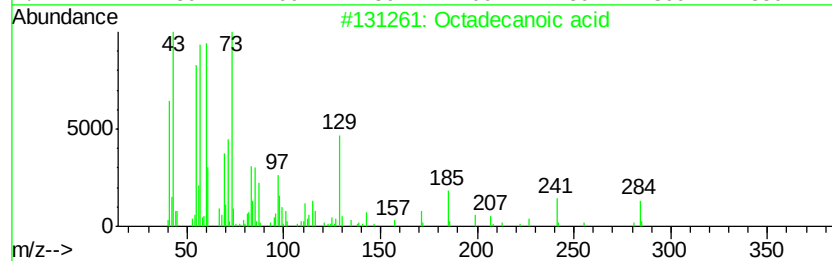
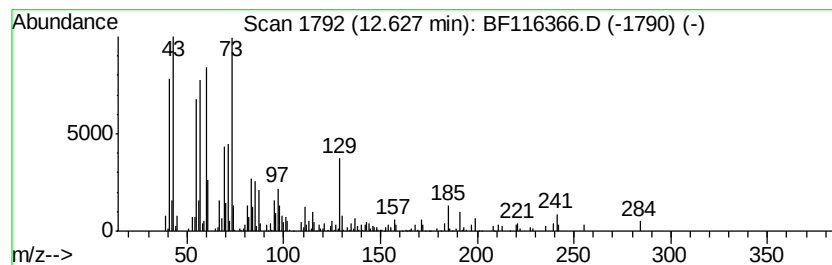
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	8.03 ng	492102	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3		n-Decanoic acid	172	C10H20O2	000334-48-5	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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Operator : HP/JU
Sample : K4223-03
Misc :
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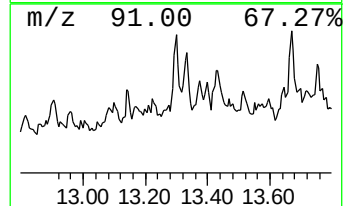
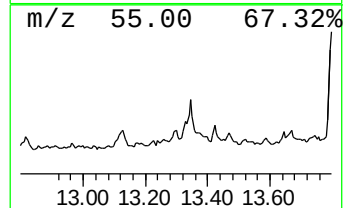
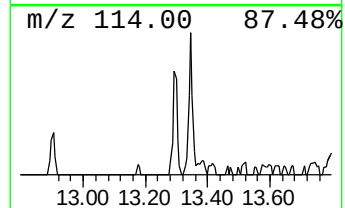
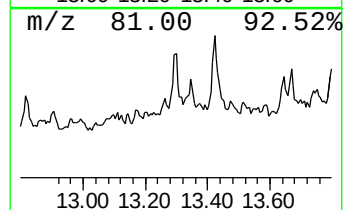
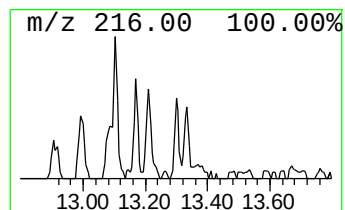
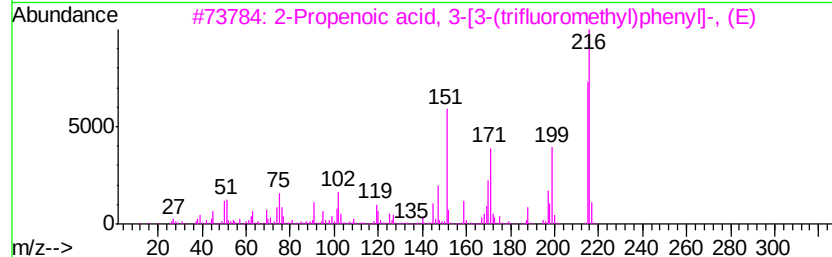
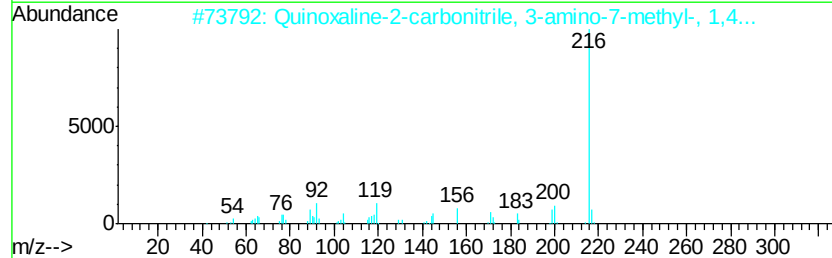
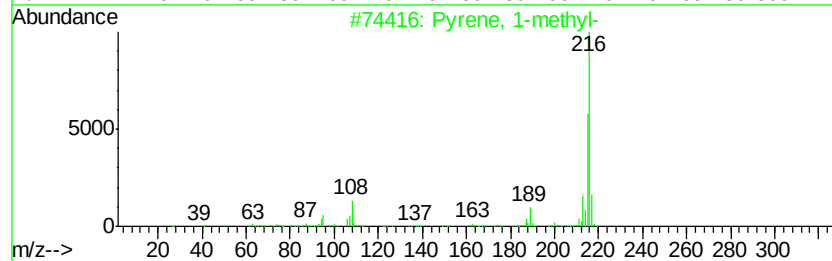
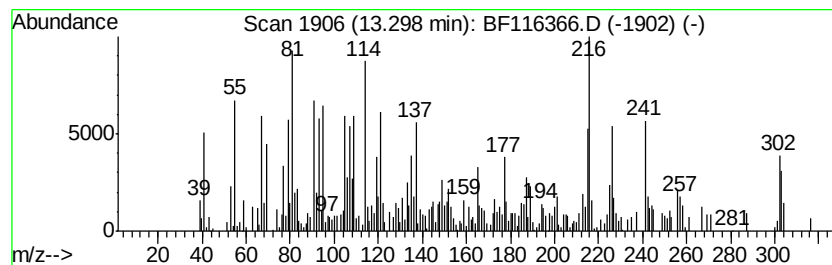
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.30	4.22 ng	179615	Chrysene-d12	13.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	56
2		Quinoxaline-2-carbonitrile, 3-am...	216	C10H8N4O2	094728-06-0	25
3		2-Propenoic acid, 3-[3-(trifluor...	216	C10H7F3O2	067801-07-4	25
4		Cyclopentanone, 2,5-dicyclopentyl...	216	C15H20O	005682-82-6	25
5		Benzoic acid, 4-(5-formyl-2-fura...	216	C12H8O4	039245-15-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
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Sample : K4223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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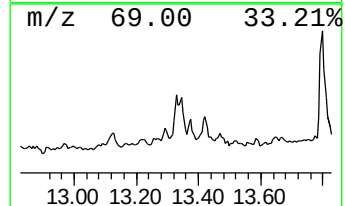
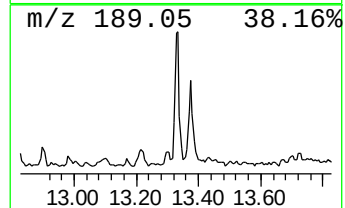
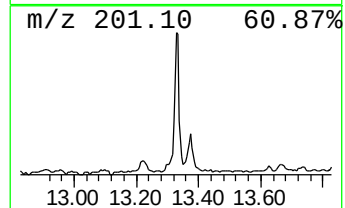
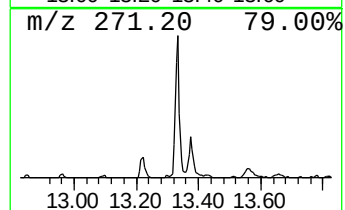
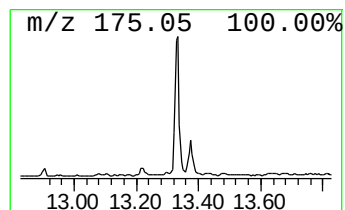
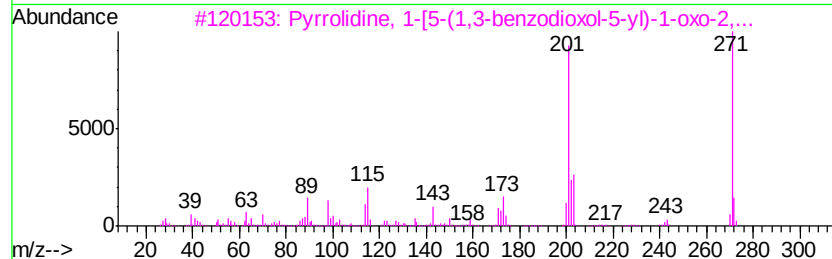
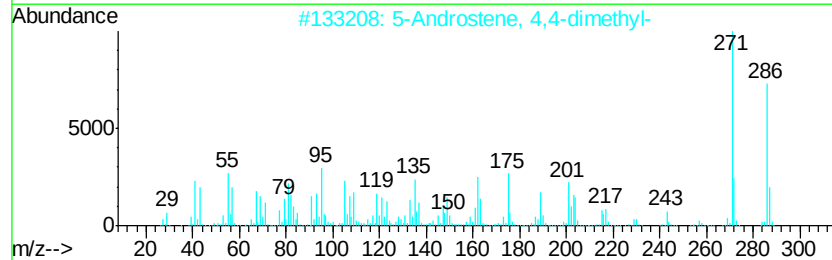
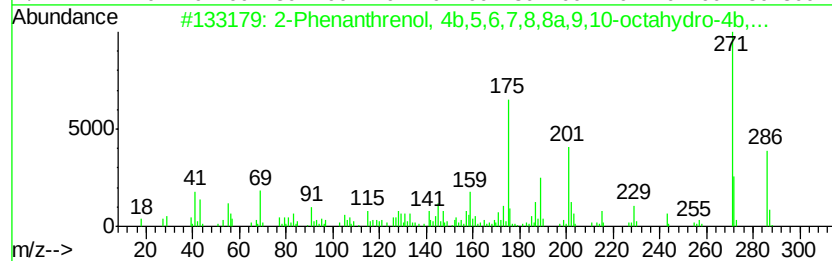
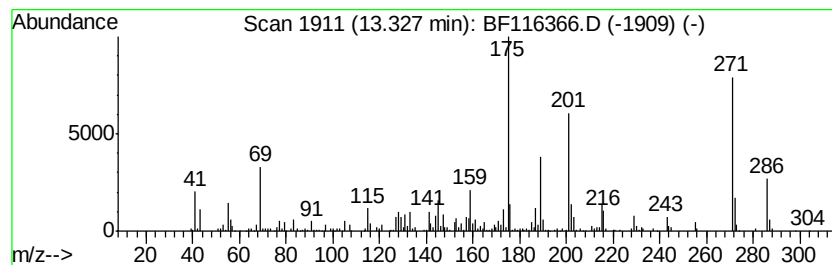
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	12.60 ng	536727	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	92
2		5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	47
3		Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	46
4		2,2-Bis(4'-methoxyphenyl)-2-etho...	286	C18H22O3	1000283-53-7	30
5		Crinan-1-one	271	C16H17NO3	098301-98-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
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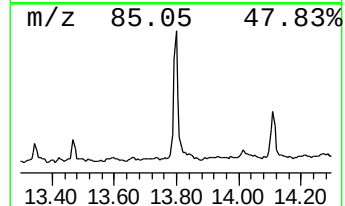
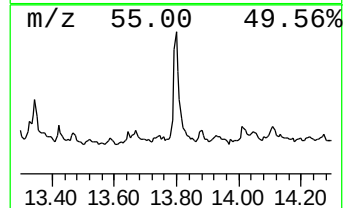
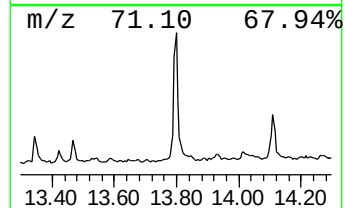
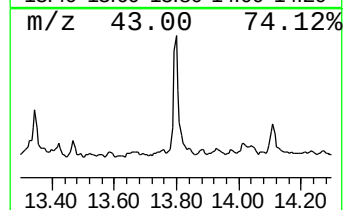
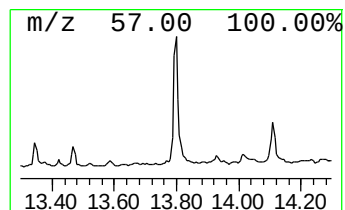
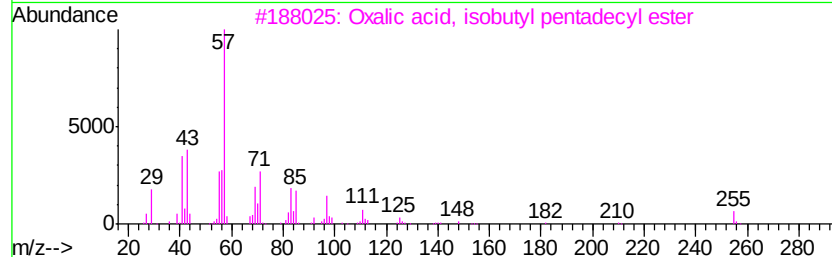
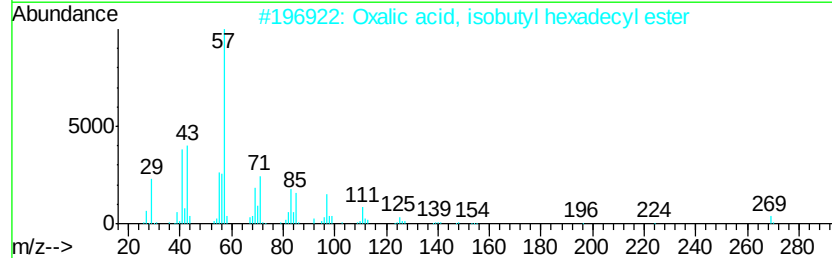
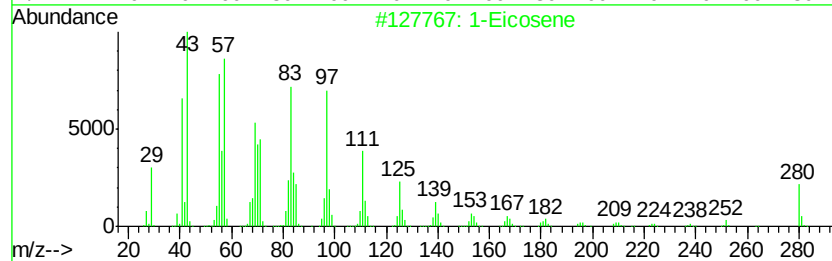
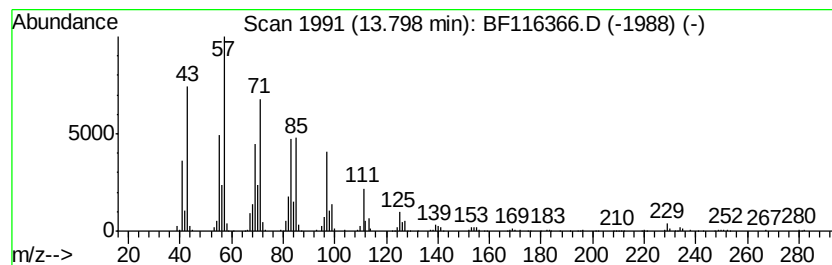
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Eicosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	9.69 ng	412882	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	93
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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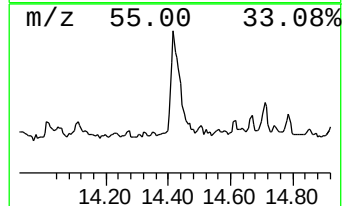
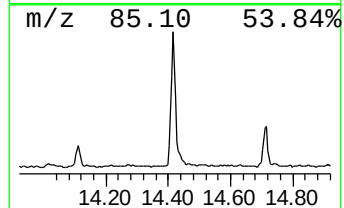
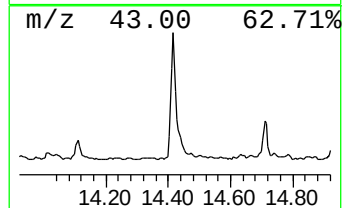
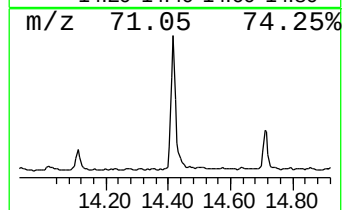
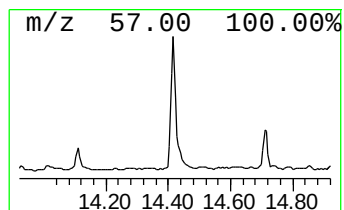
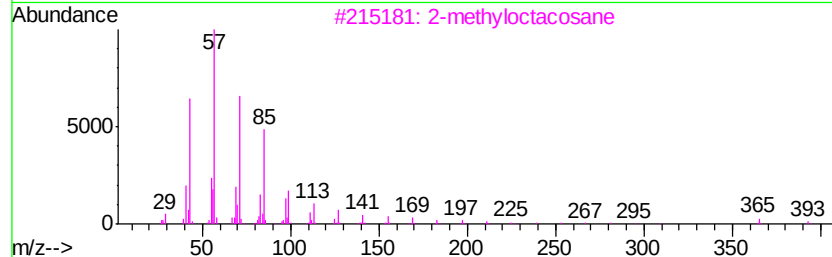
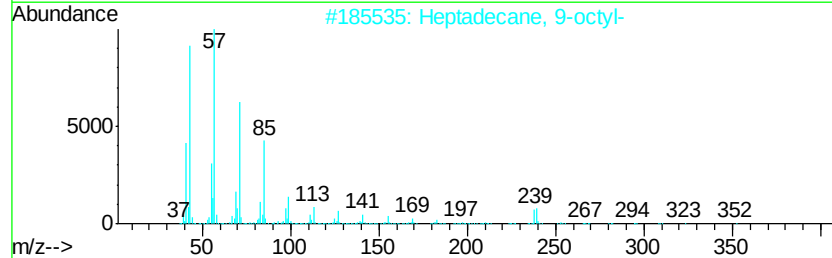
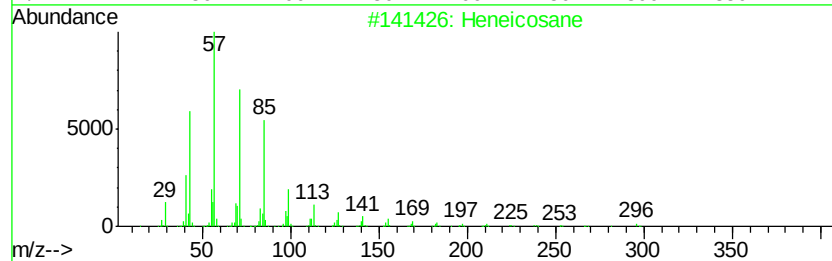
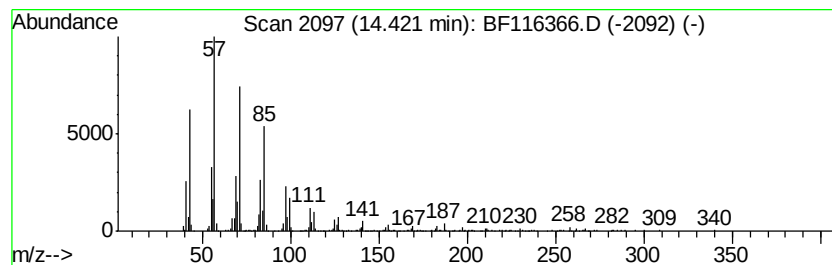
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	20.68 ng	881077	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
Acq On : 17 Aug 2019 19:13
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ClientSampleId :
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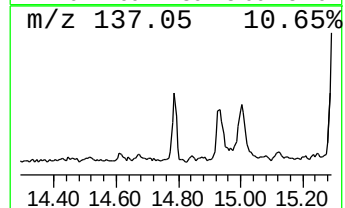
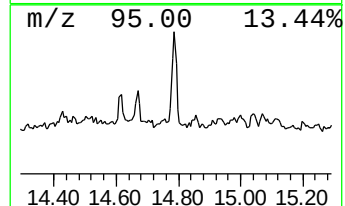
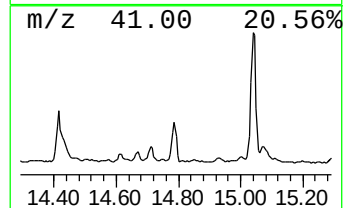
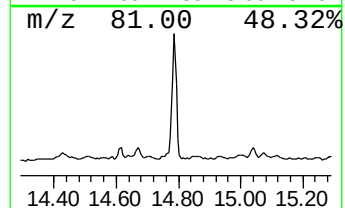
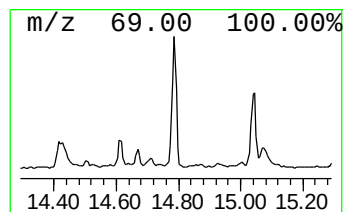
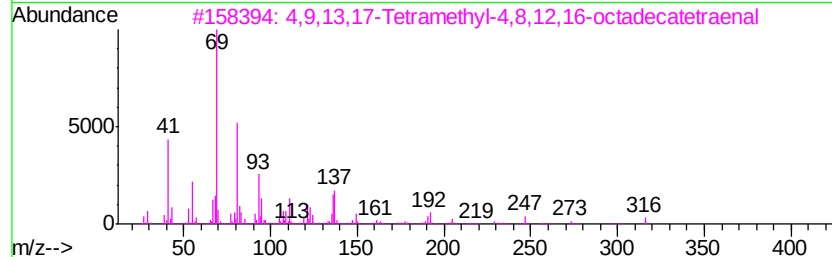
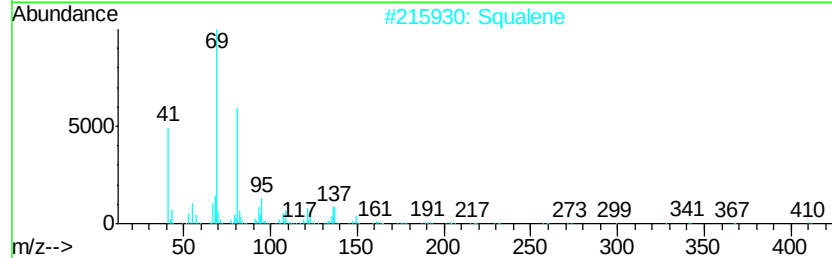
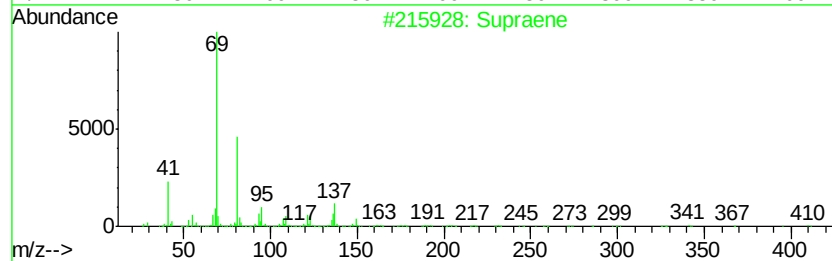
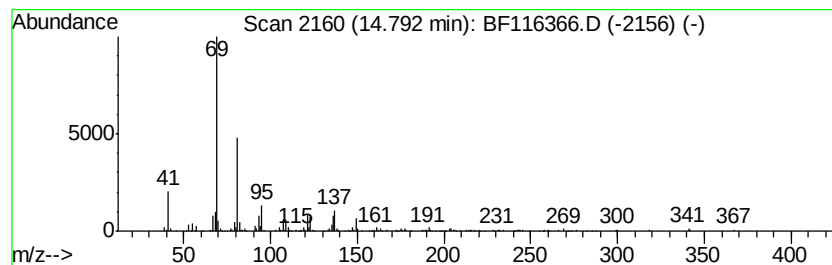
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Squalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.73 ng	297462	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
Acq On : 17 Aug 2019 19:13
Operator : HP/JU
Sample : K4223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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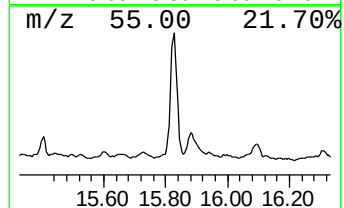
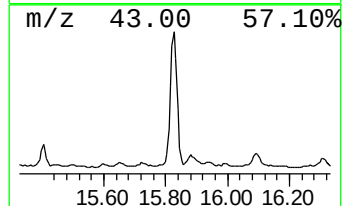
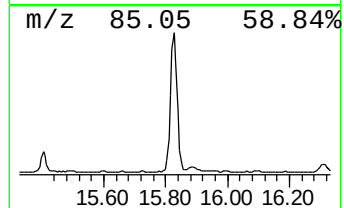
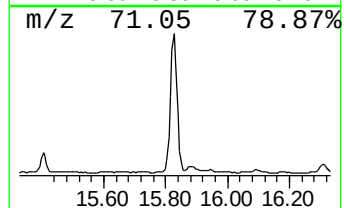
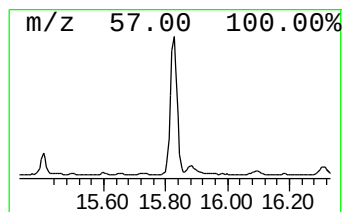
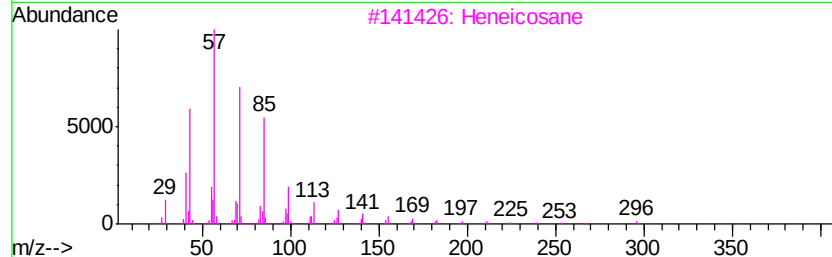
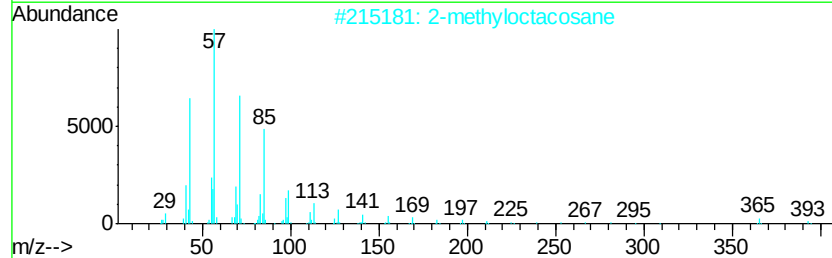
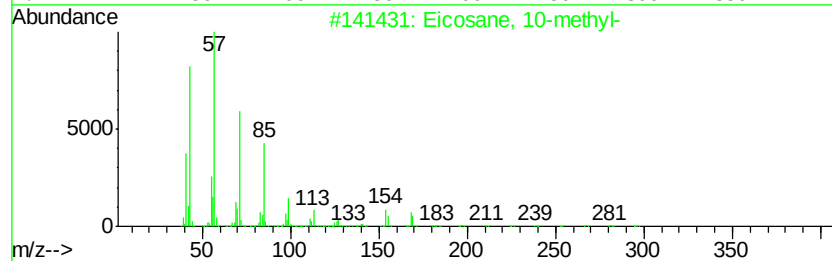
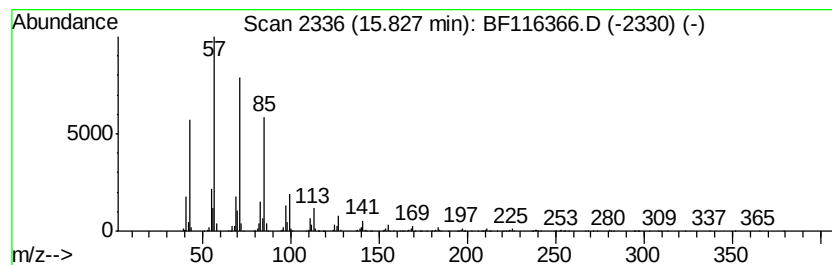
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	33.33 ng	1730680	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



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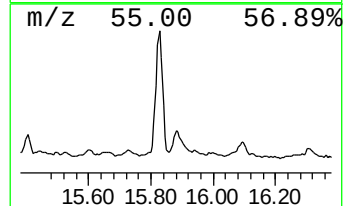
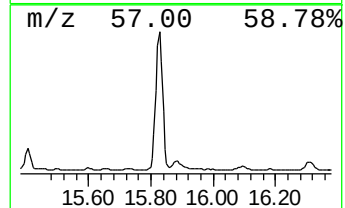
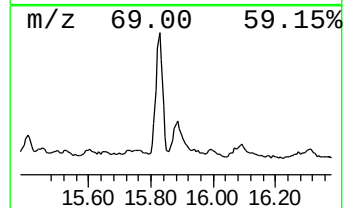
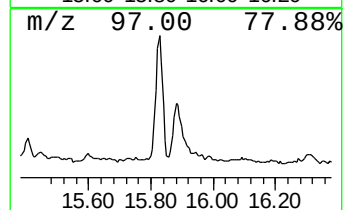
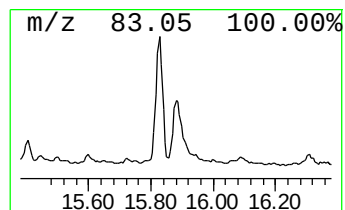
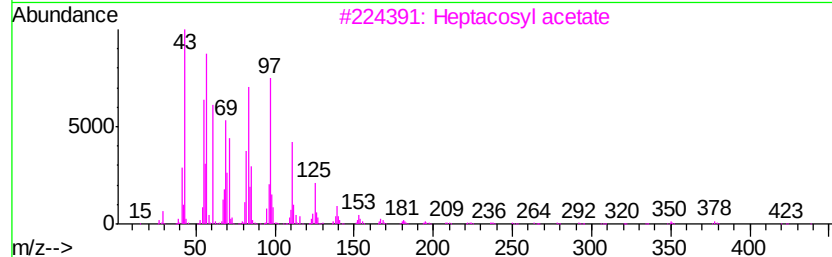
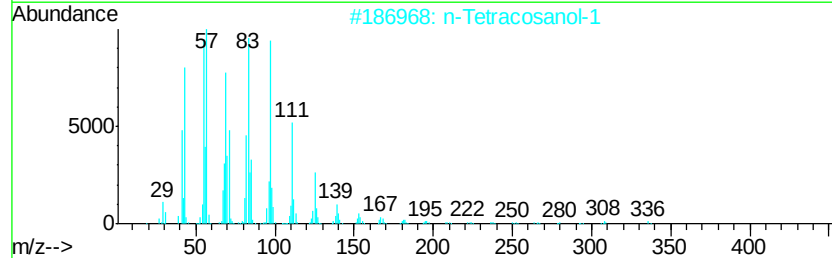
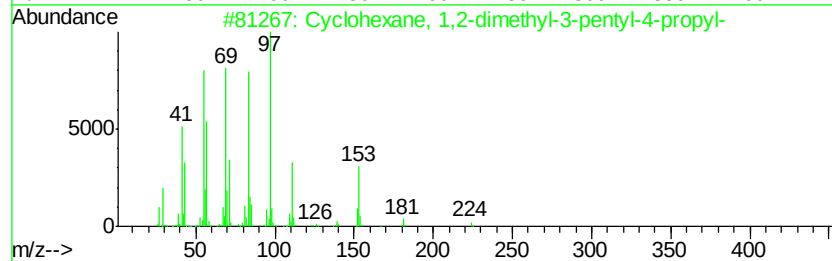
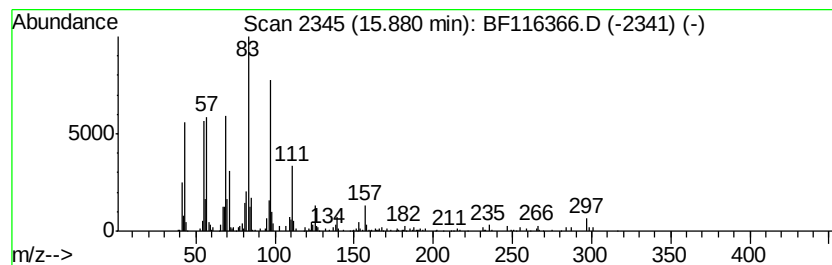
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	4.86 ng	252165	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	58
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	53
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	50
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	46
5		Behenic alcohol	326	C22H46O	000661-19-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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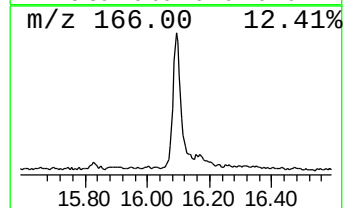
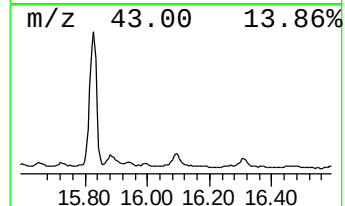
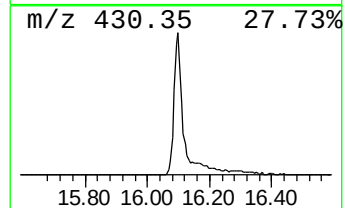
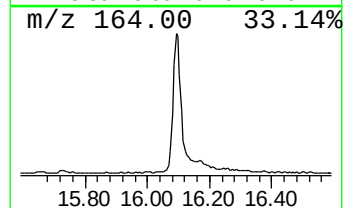
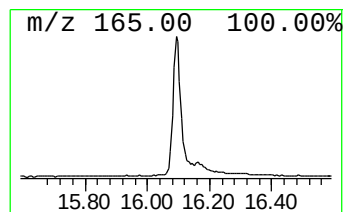
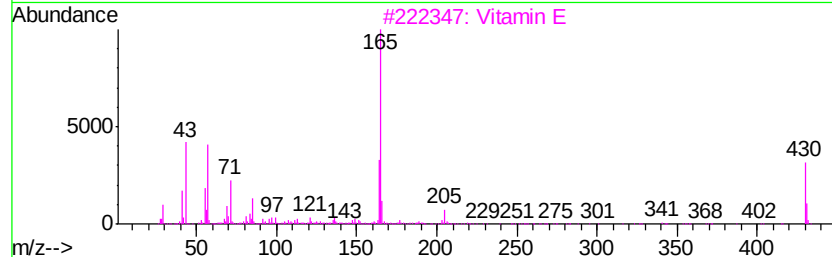
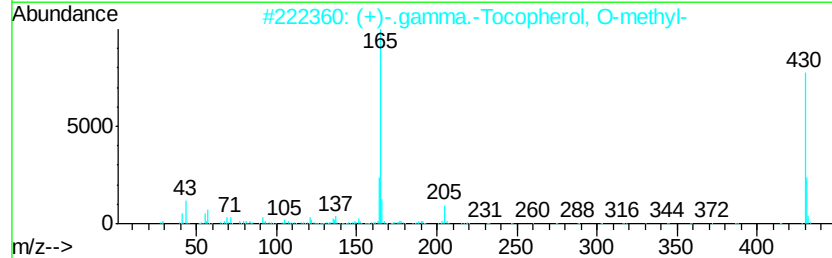
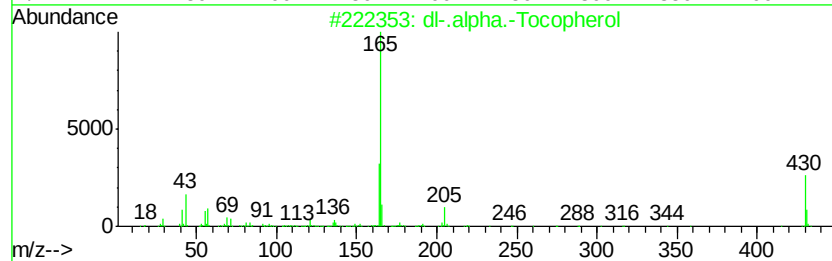
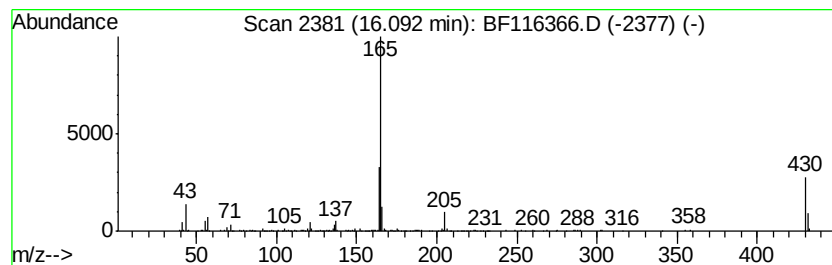
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 dl-.alpha.-Tocopherol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	11.28 ng	585661	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
2		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	93
3		Vitamin E	430	C29H50O2	000059-02-9	91
4		Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	53
5		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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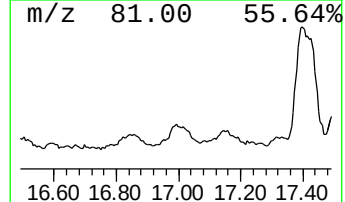
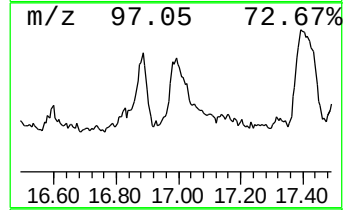
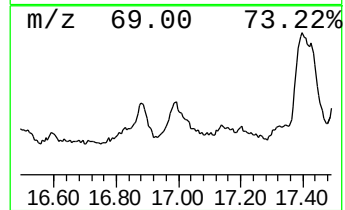
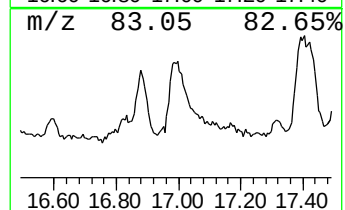
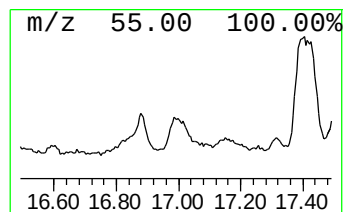
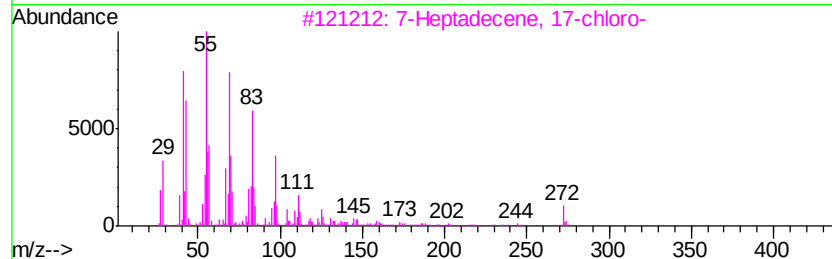
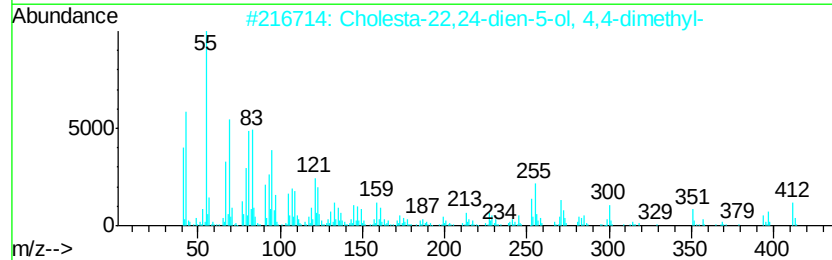
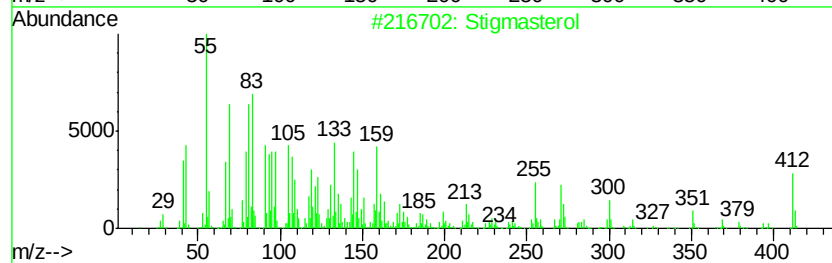
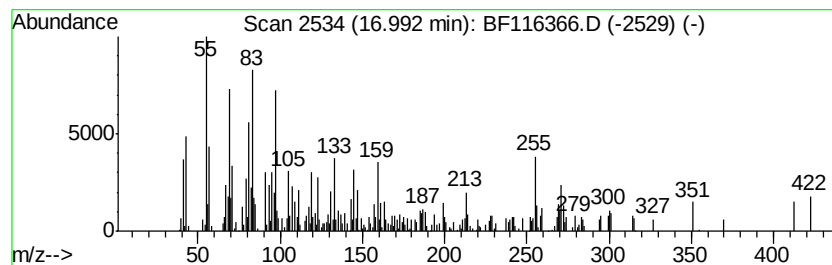
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Stigmasterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	5.53 ng	287223	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmasterol	412 C29H48O	000083-48-7 76
2		Cholesta-22,24-dien-5-ol, 4,4-di...	412 C29H48O	1000128-66-1 64
3		7-Heptadecene, 17-chloro-	272 C17H33Cl	056554-79-1 43
4		Ergosta-5,22-dien-3-ol, 24-methy...	412 C29H48O	053755-22-9 43
5		Hexadecanoic acid, 2-hydroxy-, m...	286 C17H34O3	016742-51-1 40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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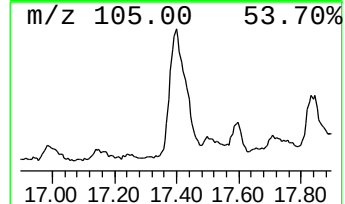
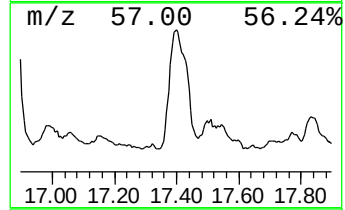
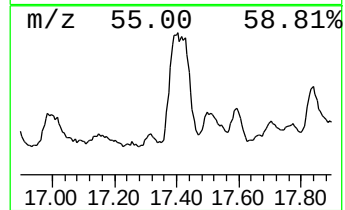
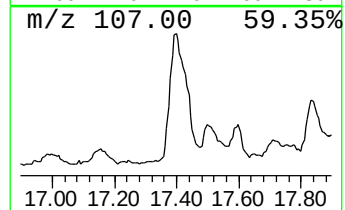
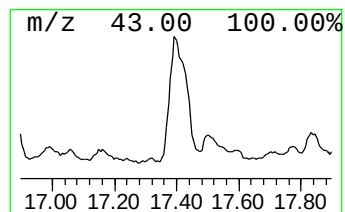
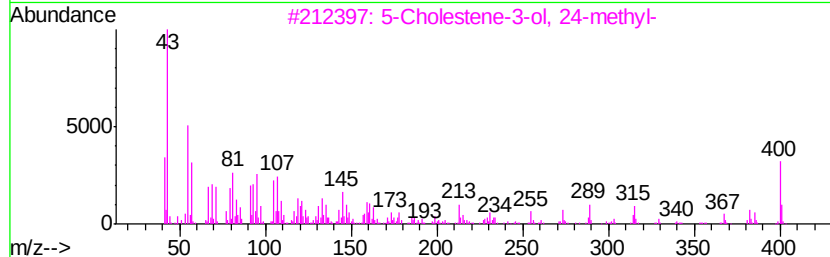
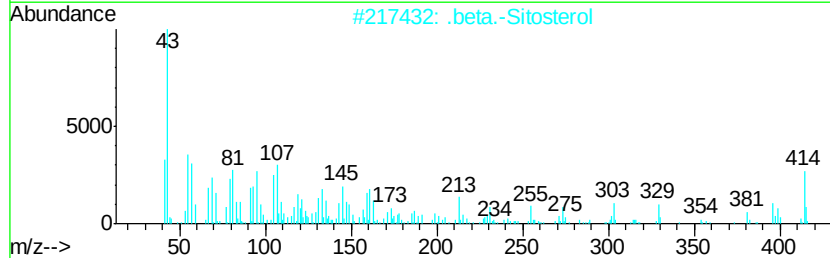
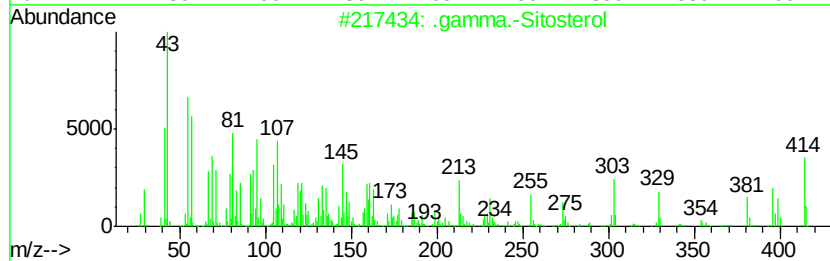
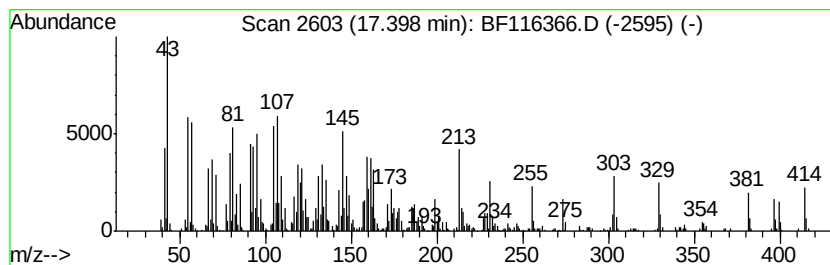
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	66.62 ng	3458860	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3		5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	53
4		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43
5		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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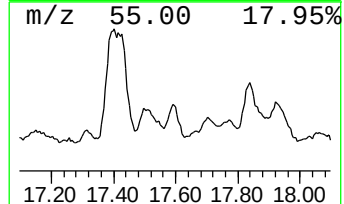
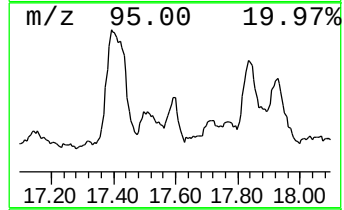
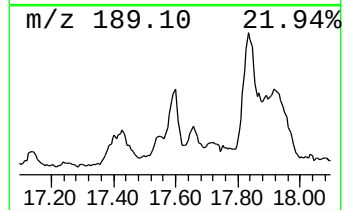
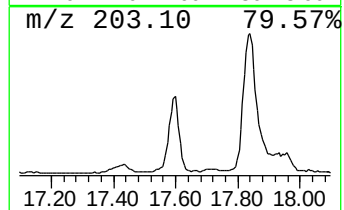
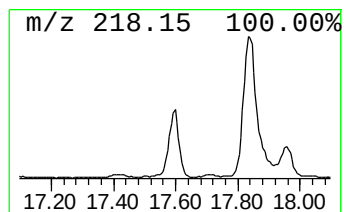
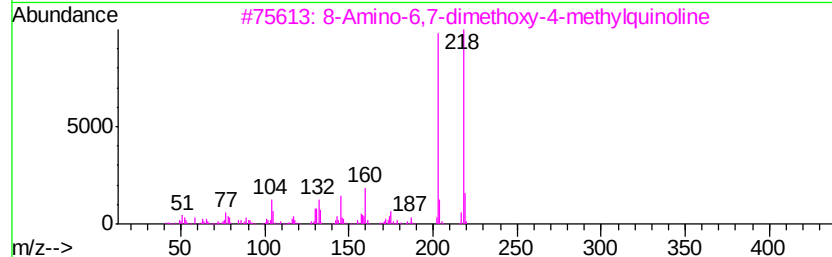
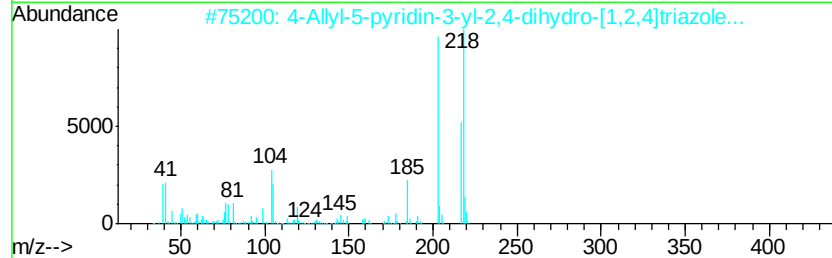
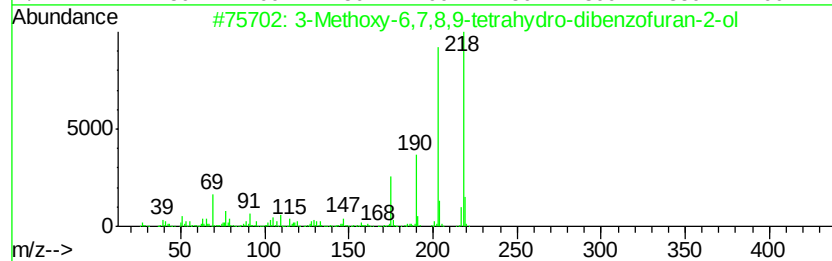
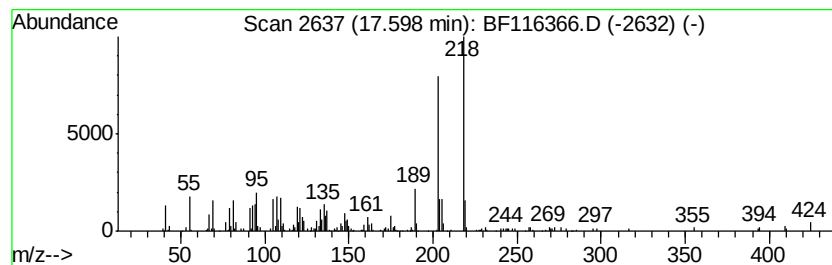
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 3-Methoxy-6,7,8,9-tetrahydr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	9.33 ng	484218	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	64
2		4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	62
3		8-Amino-6,7-dimethoxy-4-methylau...	218	C12H14N2O2	1000213-07-2	53
4		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	49
5		Urs-12-ene	410	C30H50	000464-97-1	49



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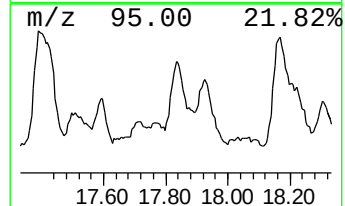
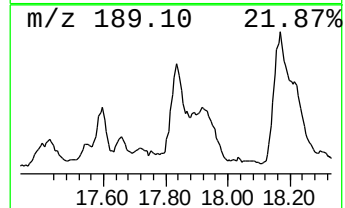
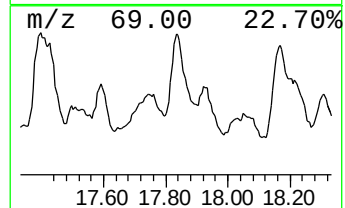
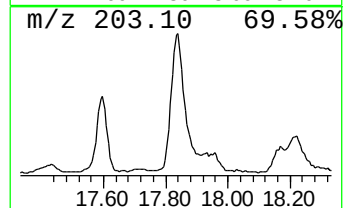
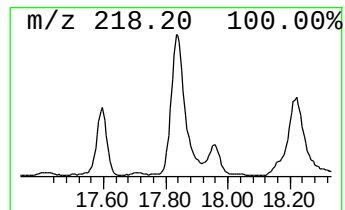
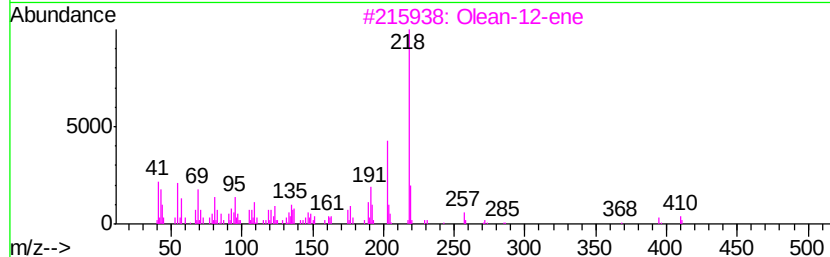
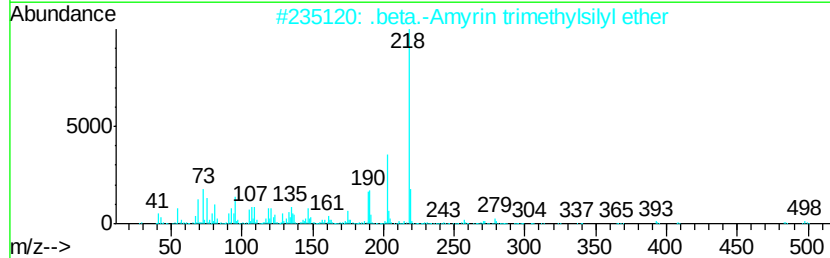
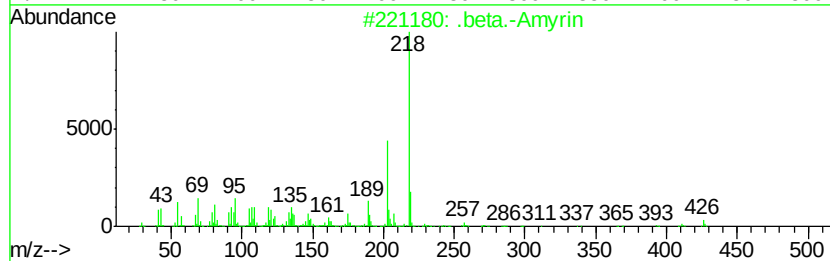
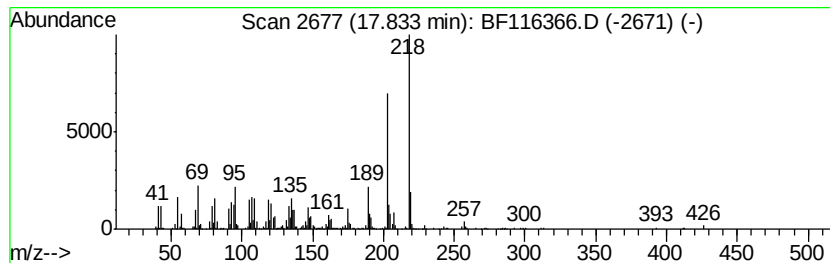
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-Amyrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	24.62 ng	1278120	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H500	000559-70-6	90
2		.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	80
3		Olean-12-ene	410	C30H50	000471-68-1	72
4		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	58
5		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
Acq On : 17 Aug 2019 19:13
Operator : HP/JU
Sample : K4223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

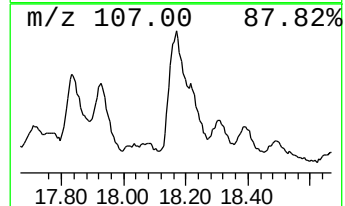
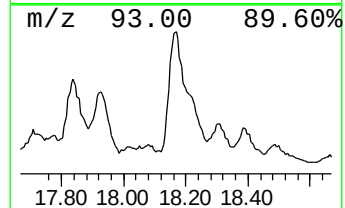
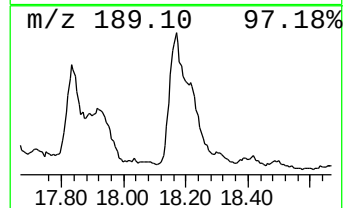
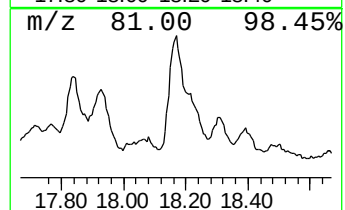
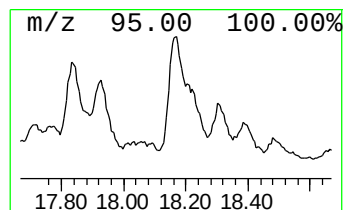
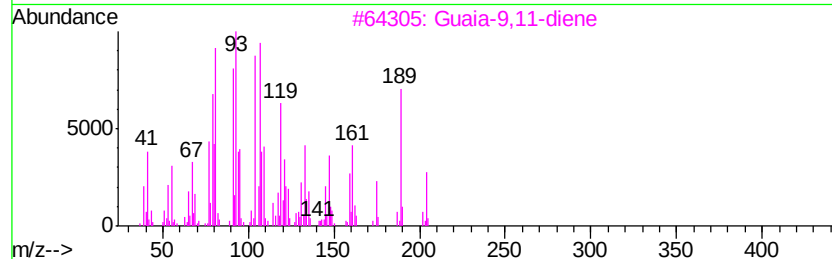
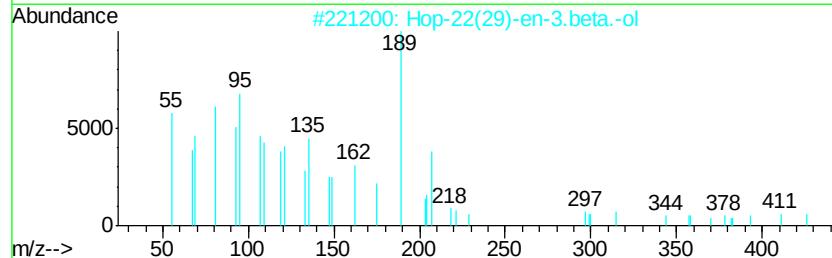
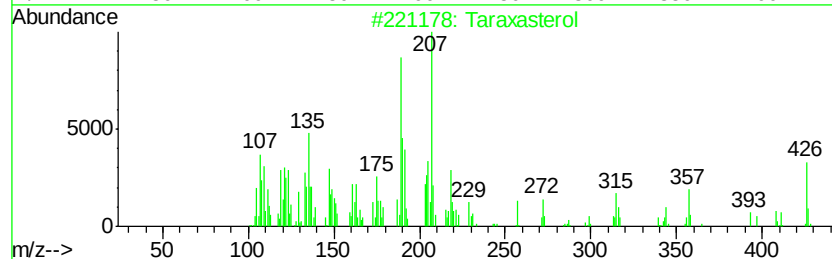
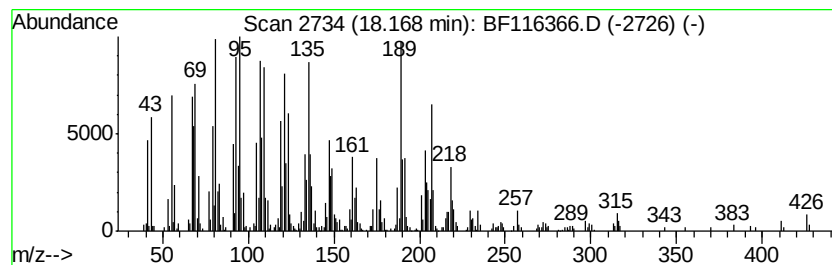
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Taraxasterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	32.43 ng	1683900	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Taraxasterol	426	C30H50O	001059-14-9	86
2		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	64
3		Guaia-9,11-diene	204	C15H24	1000374-19-8	47
4		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	47
5		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
Acq On : 17 Aug 2019 19:13
Operator : HP/JU
Sample : K4223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

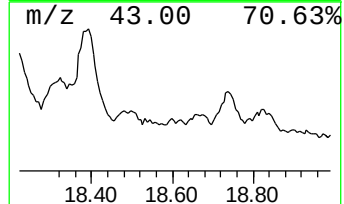
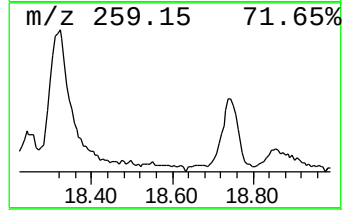
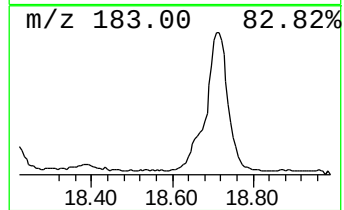
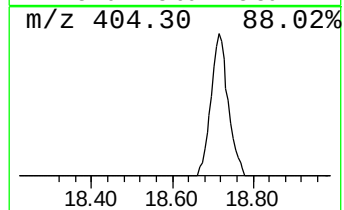
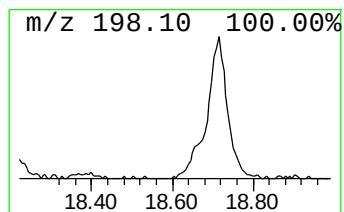
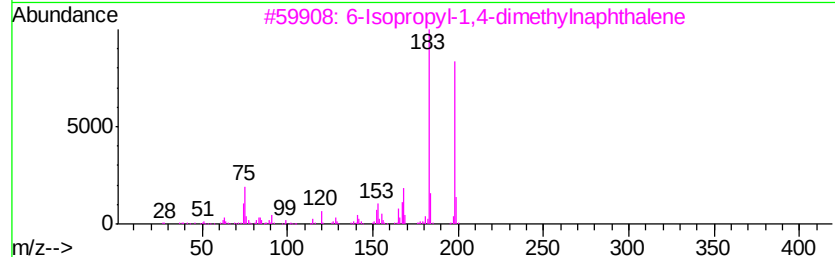
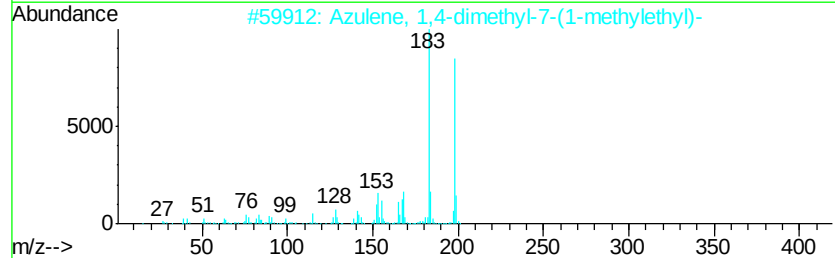
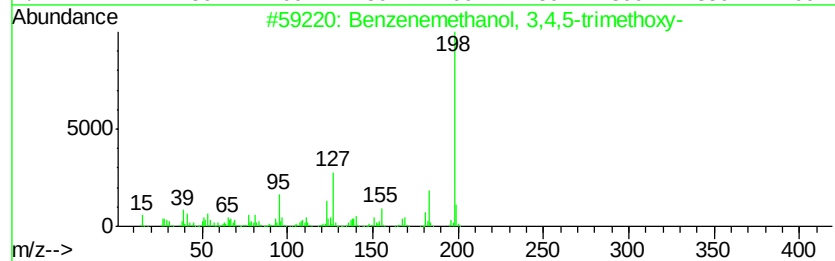
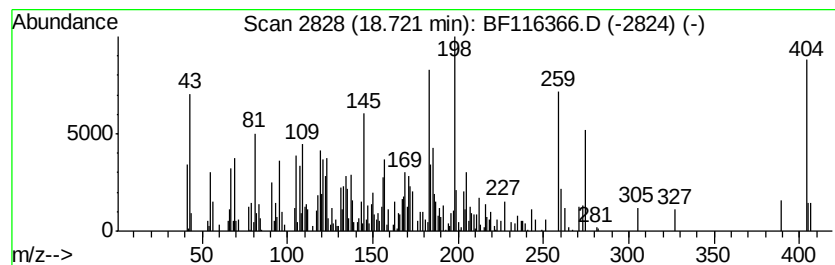
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzenemethanol, 3,4,5-trim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	10.55 ng	547575	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanol, 3,4,5-trimethoxy-	198	C10H14O4	003840-31-1	60
2		Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	42
3		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	35
4		Benzene, 1-methyl-2-(4-methylphe...	198	C14H14O	003402-72-0	30
5		3H-Imidazo(4,5-f)quinoline, 2-am...	198	C11H10N4	076180-96-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081719\
 Data File : BF116366.D
 Acq On : 17 Aug 2019 19:13
 Operator : HP/JU
 Sample : K4223-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.58	6.58	62.6	ng	2593860	1	6.81	828762	20.0
Naphthalene, 1,2,...	9.96	4.3	ng	262783	3	9.84	1229690	20.0
n-Hexadecanoic acid	11.86	20.3	ng	1243870	4	11.33	1225020	20.0
Isophytol	12.46	8.8	ng	539577	4	11.33	1225020	20.0
Octadecanoic acid	12.63	8.0	ng	492102	4	11.33	1225020	20.0
Pyrene, 1-methyl-	13.30	4.2	ng	179615	5	13.97	852084	20.0
2-Phenanthrenol, ...	13.33	12.6	ng	536727	5	13.97	852084	20.0
1-Eicosene	13.80	9.7	ng	412882	5	13.97	852084	20.0
Heneicosane	14.42	20.7	ng	881077	5	13.97	852084	20.0
Squalene	14.79	5.7	ng	297462	6	15.43	1038370	20.0
Eicosane, 10-methyl-	15.83	33.3	ng	1730680	6	15.43	1038370	20.0
Cyclohexane, 1,2-...	15.88	4.9	ng	252165	6	15.43	1038370	20.0
dl-.alpha.-Tocoph...	16.09	11.3	ng	585661	6	15.43	1038370	20.0
Stigmasterol	16.99	5.5	ng	287223	6	15.43	1038370	20.0
.gamma.-Sitosterol	17.40	66.6	ng	3458860	6	15.43	1038370	20.0
3-Methoxy-6,7,8,9...	17.60	9.3	ng	484218	6	15.43	1038370	20.0
.beta.-Amyrin	17.83	24.6	ng	1278120	6	15.43	1038370	20.0
Taraxasterol	18.17	32.4	ng	1683900	6	15.43	1038370	20.0
Benzenemethanol, ...	18.72	10.6	ng	547575	6	15.43	1038370	20.0