

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116387.D
 Acq On : 19 Aug 2019 14:03
 Operator : HP/JU
 Sample : K4223-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

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	5.434	566	569	602	rBV	1684330	2224376	82.05%	4.730%
2	6.451	738	742	756	rBV	1927452	2337631	86.23%	4.971%
3	6.581	760	764	778	rVB	2549612	2408957	88.86%	5.123%
4	6.804	799	802	813	rBV	795556	751987	27.74%	1.599%
5	6.957	825	828	839	rBV	1863617	1880978	69.38%	4.000%
6	7.369	895	898	914	rBV	1519518	1521044	56.11%	3.235%
7	8.086	1016	1020	1033	rBV	916030	995427	36.72%	2.117%
8	8.669	1114	1119	1122	rBV2	25591	27211	1.00%	0.058%
9	9.004	1173	1176	1181	rBV	22522	31392	1.16%	0.067%
10	9.151	1198	1201	1210	rBV	2546734	2405221	88.72%	5.115%
11	9.269	1217	1221	1225	rBV2	38475	43690	1.61%	0.093%
12	9.463	1251	1254	1256	rBV2	43611	41628	1.54%	0.089%
13	9.486	1256	1258	1261	rVV	128674	115583	4.26%	0.246%
14	9.551	1264	1269	1272	rVV	554171	477273	17.60%	1.015%
15	9.586	1272	1275	1280	rVB3	76288	79460	2.93%	0.169%
16	9.675	1286	1290	1293	rBV2	32065	40860	1.51%	0.087%
17	9.739	1297	1301	1304	rBV2	45204	44732	1.65%	0.095%
18	9.833	1314	1317	1327	rBV	1278149	1215362	44.83%	2.585%
19	9.904	1327	1329	1333	rVV	44944	42595	1.57%	0.091%
20	9.951	1333	1337	1341	rVV	249128	227853	8.40%	0.485%
21	9.986	1341	1343	1346	rVB	61675	50240	1.85%	0.107%
22	10.063	1353	1356	1358	rBV2	33457	30920	1.14%	0.066%
23	10.127	1364	1367	1371	rVB2	94131	86579	3.19%	0.184%
24	10.474	1424	1426	1428	rVB2	40114	31483	1.16%	0.067%
25	10.498	1428	1430	1433	rBV	77000	66198	2.44%	0.141%
26	10.557	1436	1440	1442	rVV2	48557	51637	1.90%	0.110%
27	10.604	1442	1448	1449	rVV3	109585	153617	5.67%	0.327%
28	10.627	1449	1452	1460	rVV	1360810	1507387	55.60%	3.206%
29	10.686	1460	1462	1467	rVB	65158	63529	2.34%	0.135%
30	10.739	1467	1471	1476	rVB2	69604	81602	3.01%	0.174%
31	10.792	1476	1480	1482	rBV4	31545	31687	1.17%	0.067%
32	10.833	1482	1487	1489	rBV4	24860	34455	1.27%	0.073%
33	10.933	1501	1504	1512	rBV	61651	80350	2.96%	0.171%
34	10.998	1512	1515	1516	rBV2	30386	35332	1.30%	0.075%

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35	11.033	1516	1521	1528	rVB5	64577	134744	4.97%	0.287%
36	11.321	1567	1570	1573	rBV	1057318	925072	34.12%	1.967%
37	11.363	1576	1577	1580	rVB	191081	143048	5.28%	0.304%
38	11.410	1580	1585	1589	rBV2	26741	43757	1.61%	0.093%
39	11.457	1589	1593	1596	rVV	114672	117820	4.35%	0.251%
40	11.521	1602	1604	1607	rVB	33536	28571	1.05%	0.061%
41	11.674	1627	1630	1632	rBV3	35466	35894	1.32%	0.076%
42	11.698	1632	1634	1638	rVB	47463	46857	1.73%	0.100%
43	11.798	1645	1651	1655	rBV2	120578	171962	6.34%	0.366%
44	11.851	1655	1660	1666	rBV	884143	1024840	37.80%	2.179%
45	11.939	1673	1675	1678	rVB	39636	38432	1.42%	0.082%
46	12.004	1684	1686	1693	rVB3	233781	226926	8.37%	0.483%
47	12.121	1704	1706	1708	rBV	33095	28784	1.06%	0.061%
48	12.192	1716	1718	1722	rVB3	59413	56449	2.08%	0.120%
49	12.251	1726	1728	1731	rVB2	45816	42214	1.56%	0.090%
50	12.380	1747	1750	1752	rBV2	118364	141878	5.23%	0.302%
51	12.404	1752	1754	1759	rVB3	98351	90584	3.34%	0.193%
52	12.463	1761	1764	1773	rBV	260772	407535	15.03%	0.867%
53	12.539	1773	1777	1778	rBV2	603078	627912	23.16%	1.335%
54	12.563	1778	1781	1789	rVV2	554960	837912	30.91%	1.782%
55	12.627	1789	1792	1800	rVB	290399	355354	13.11%	0.756%
56	12.721	1805	1808	1811	rVV2	159467	158816	5.86%	0.338%
57	12.768	1811	1816	1821	rVV	322294	385499	14.22%	0.820%
58	12.810	1821	1823	1828	rVB3	44324	56431	2.08%	0.120%
59	12.898	1834	1838	1846	rVB	1938493	1690129	62.34%	3.594%
60	13.121	1873	1876	1881	rVB2	86848	108084	3.99%	0.230%
61	13.168	1881	1884	1887	rBV2	38197	50183	1.85%	0.107%
62	13.292	1902	1905	1908	rBV4	118919	158843	5.86%	0.338%
63	13.327	1908	1911	1915	rVV2	171153	277569	10.24%	0.590%
64	13.392	1920	1922	1924	rVV	123114	113656	4.19%	0.242%
65	13.415	1924	1926	1929	rVB3	50093	43689	1.61%	0.093%
66	13.727	1976	1979	1981	rBV2	64532	76847	2.83%	0.163%
67	13.792	1986	1990	1997	rVV3	260228	474117	17.49%	1.008%
68	13.874	2001	2004	2009	rBV	81602	93223	3.44%	0.198%
69	13.962	2015	2019	2023	rBV2	717585	818098	30.18%	1.740%
70	14.104	2040	2043	2046	rVB	167021	140781	5.19%	0.299%
71	14.192	2055	2058	2061	rBV3	53875	66578	2.46%	0.142%

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72	14.410	2091	2095	2097	rBV	615146	642802	23.71%	1.367%
73	14.433	2097	2099	2107	rVB3	163229	260491	9.61%	0.554%
74	14.604	2126	2128	2131	rBV	40915	41938	1.55%	0.089%
75	14.662	2135	2138	2140	rBV	70656	68495	2.53%	0.146%
76	14.704	2141	2145	2149	rVV	527557	561884	20.73%	1.195%
77	14.780	2154	2158	2165	rVB	502925	513664	18.95%	1.092%
78	14.921	2179	2182	2187	rBV4	60353	90494	3.34%	0.192%
79	15.033	2193	2201	2205	rVV2	1811091	2289872	84.46%	4.870%
80	15.074	2205	2208	2223	rVB4	125586	343612	12.67%	0.731%
81	15.304	2241	2247	2255	rVB2	101307	234722	8.66%	0.499%
82	15.398	2255	2263	2265	rBV2	603669	953508	35.17%	2.028%
83	15.421	2265	2267	2276	rVB	471960	630290	23.25%	1.340%
84	15.645	2302	2305	2313	rVB3	58188	99627	3.67%	0.212%
85	15.721	2315	2318	2324	rVB4	46758	67037	2.47%	0.143%
86	15.815	2328	2334	2340	rVB	1241906	1905723	70.30%	4.053%
87	15.880	2341	2345	2351	rBV2	92551	196009	7.23%	0.417%
88	16.086	2372	2380	2391	rVB	195295	444365	16.39%	0.945%
89	16.298	2411	2416	2431	rVB	245194	485290	17.90%	1.032%
90	16.862	2508	2512	2519	rVB	213582	423475	15.62%	0.901%
91	16.992	2530	2534	2547	rVB9	119216	387279	14.29%	0.824%
92	17.303	2582	2587	2592	rBV3	84040	166594	6.15%	0.354%
93	17.392	2593	2602	2615	rBV6	700916	2711032	100.00%	5.765%
94	17.509	2616	2622	2630	rBV9	113340	373772	13.79%	0.795%
95	17.827	2669	2676	2685	rBV3	282831	1046274	38.59%	2.225%
96	18.150	2724	2731	2736	rBV2	384610	1081085	39.88%	2.299%
97	18.368	2764	2768	2781	rVB6	214477	690725	25.48%	1.469%
98	18.809	2835	2843	2853	rVB2	311134	855116	31.54%	1.819%

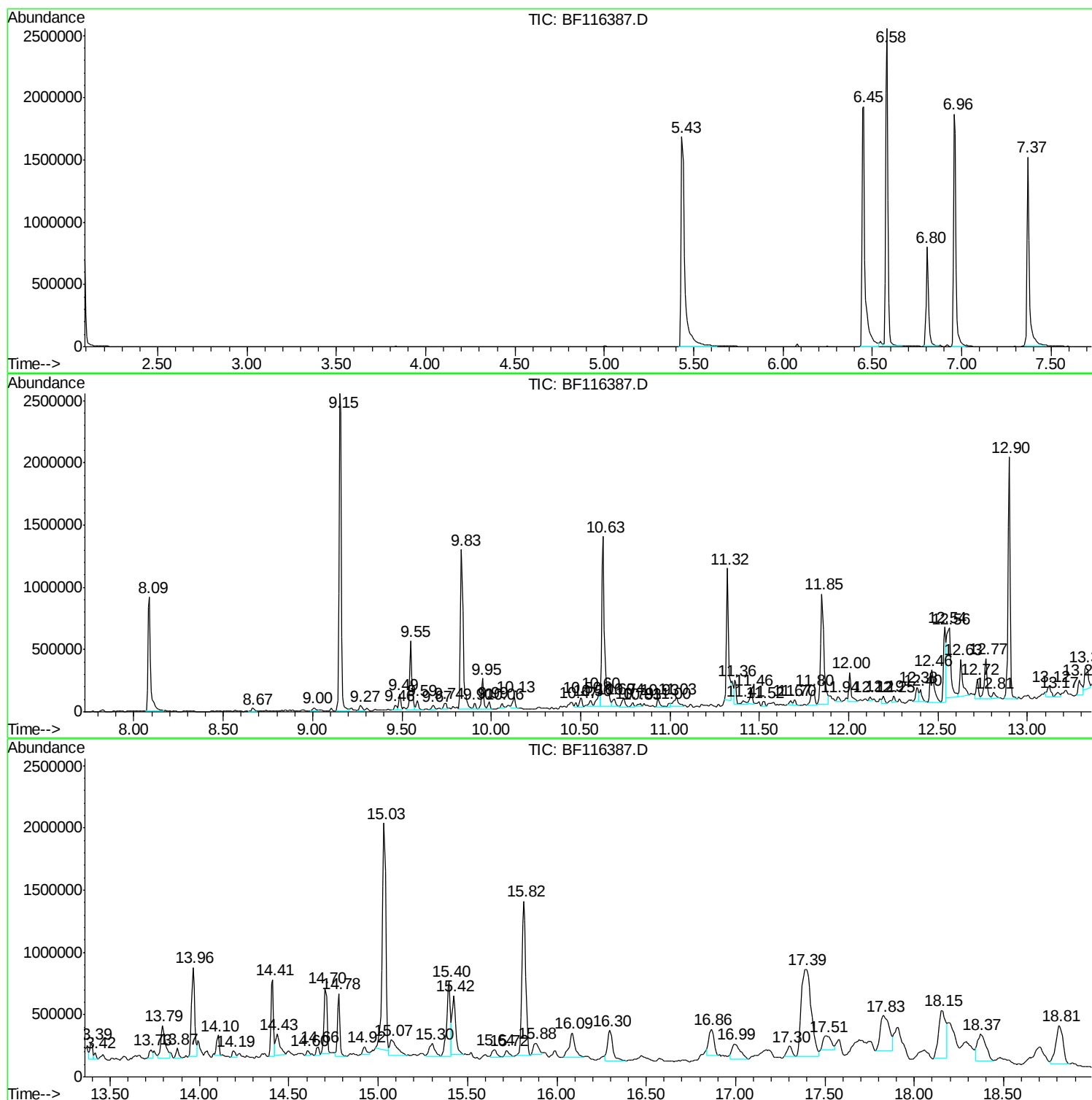
Sum of corrected areas: 47022539

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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



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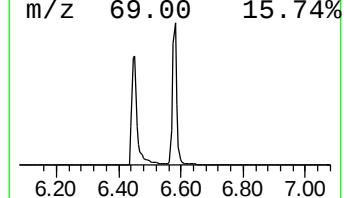
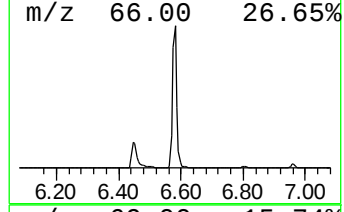
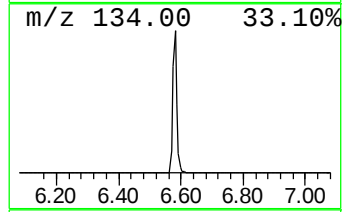
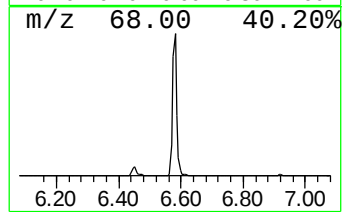
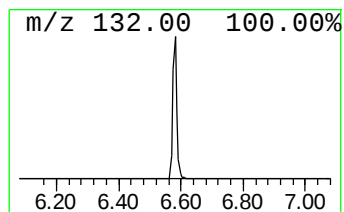
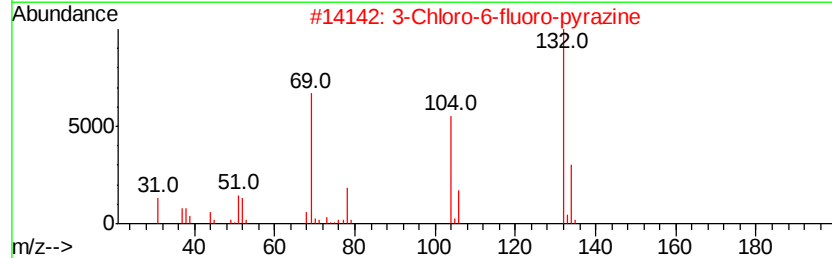
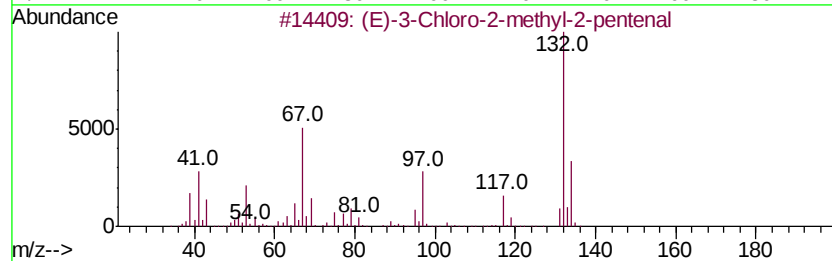
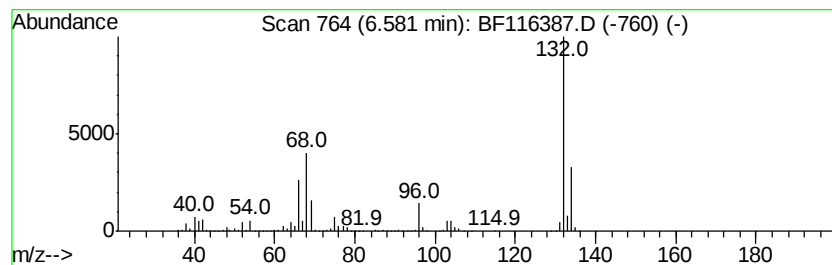
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	64.07 ng	2408960	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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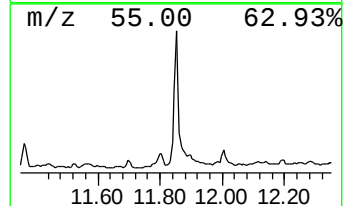
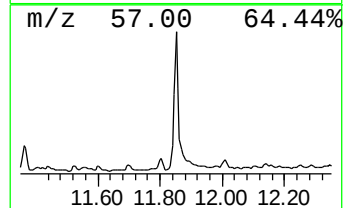
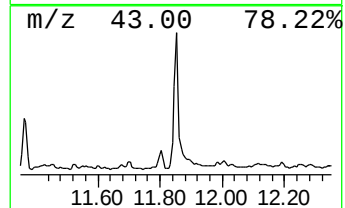
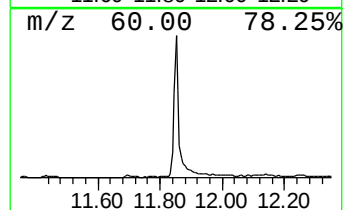
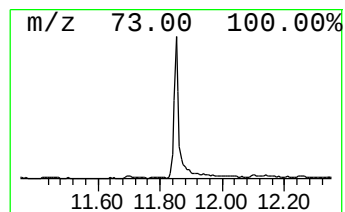
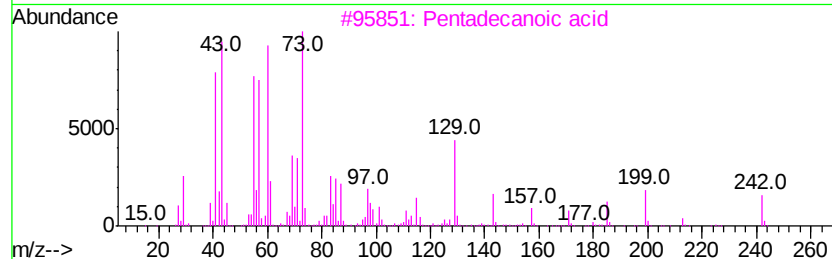
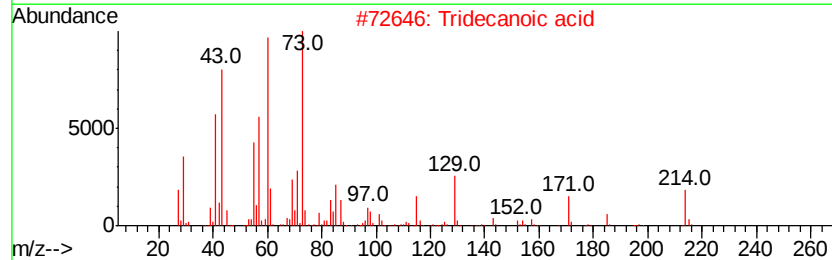
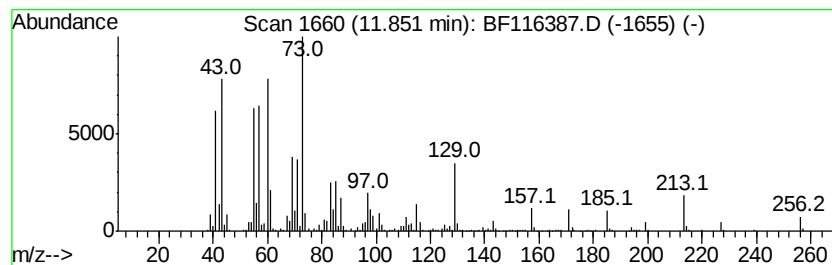
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	22.16 ng	1024840	Phenanthrene-d10	11.32

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	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Dodecanoic acid	200	C12H24O2	000143-07-7	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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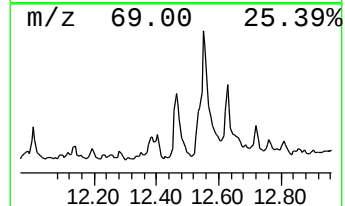
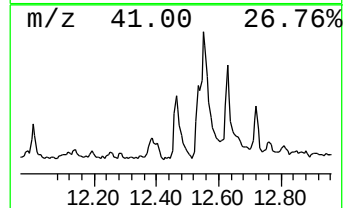
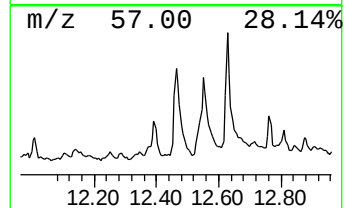
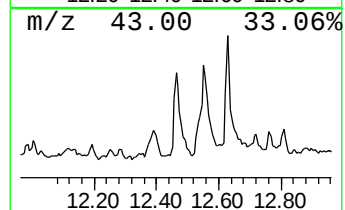
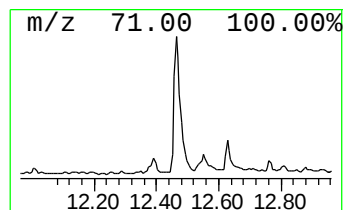
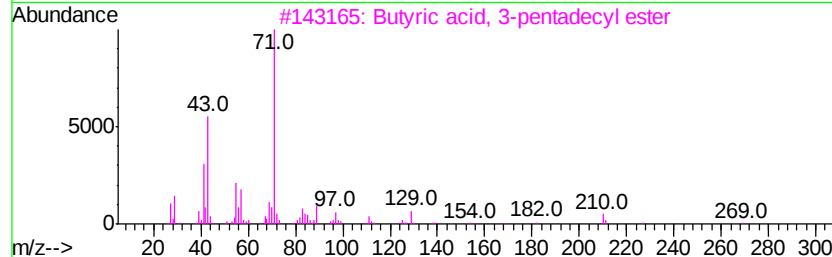
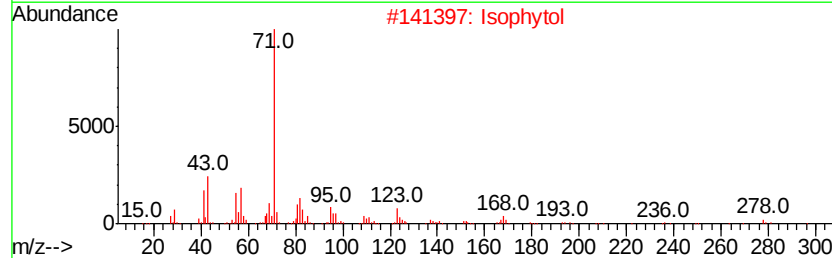
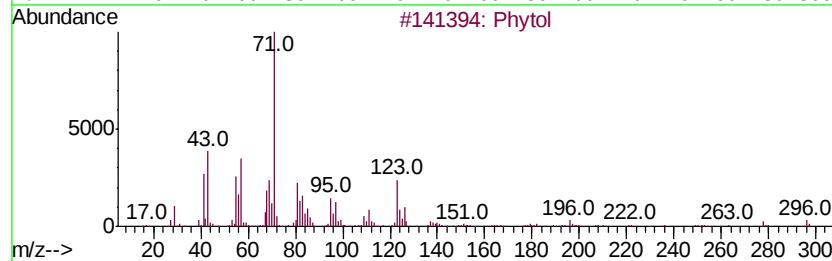
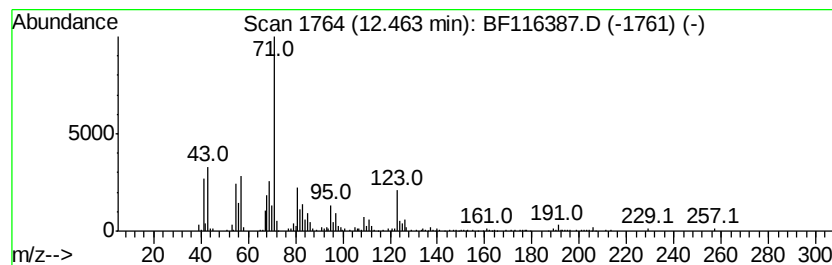
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Peak Number 4 Phytol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.46	8.81 ng	407535	Phenanthrene-d10		11.32		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phytol	296	C20H40O	000150-86-7	91
2			Isophytol	296	C20H40O	000505-32-8	59
3			Butyric acid, 3-pentadecyl ester	298	C19H38O2	1000280-57-3	53
4			Butyric acid, 3-tetradecyl ester	284	C18H36O2	1000280-57-1	50
5			Butyric acid, 4-pentadecyl ester	298	C19H38O2	1000280-57-4	50



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

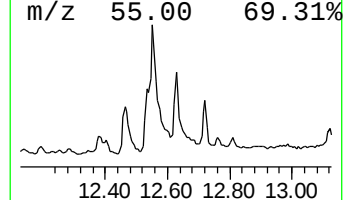
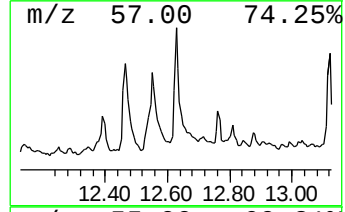
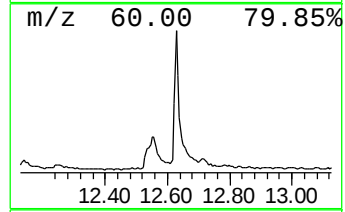
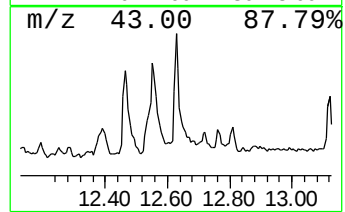
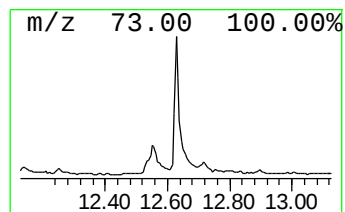
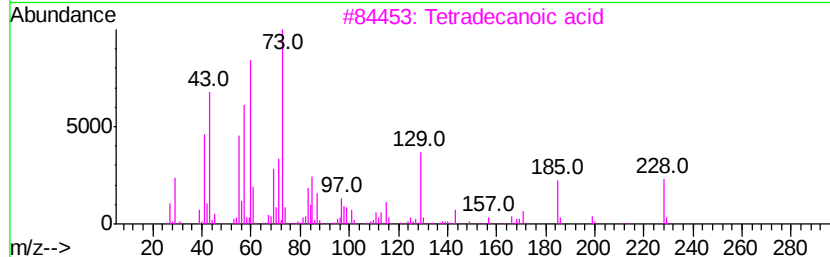
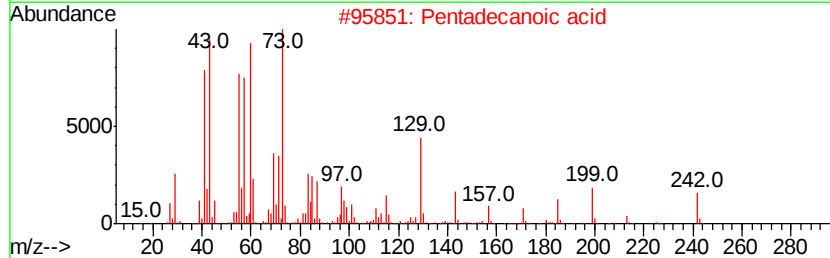
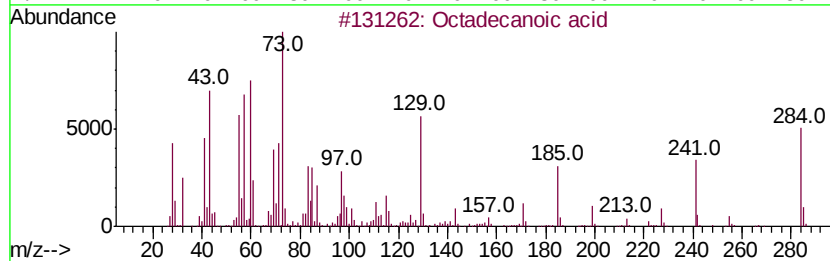
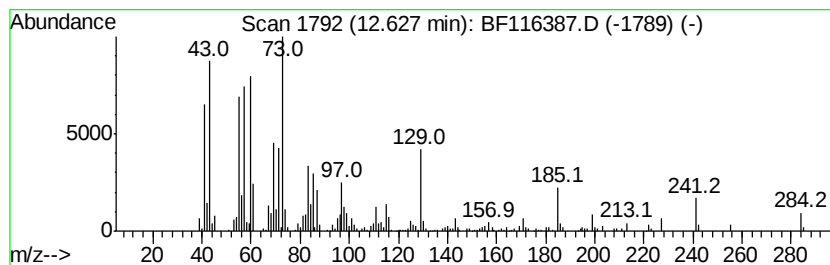
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	7.68 ng	355354	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
Operator : HP/JU
Sample : K4223-07
Misc :
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Instrument :
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ClientSampleId :
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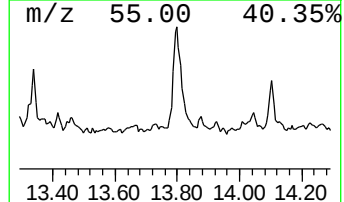
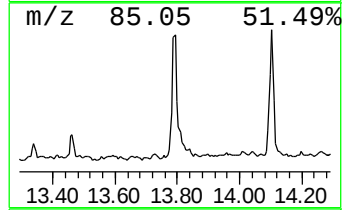
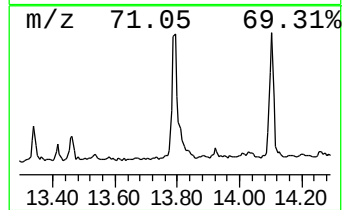
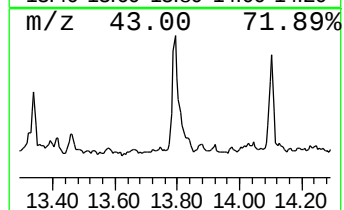
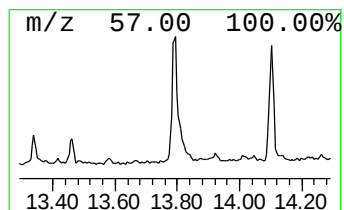
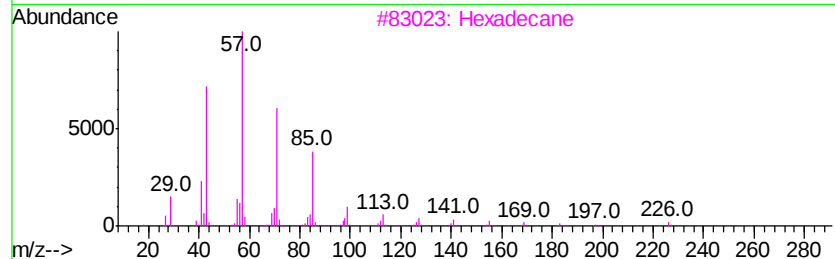
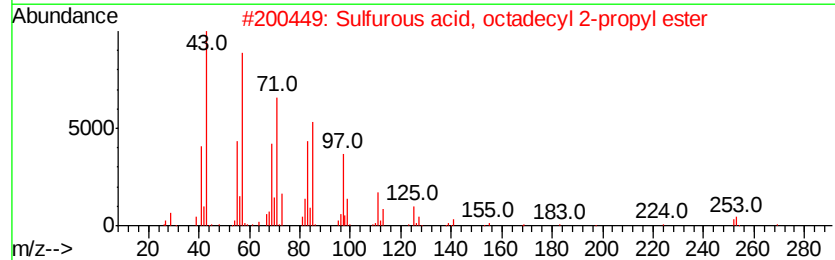
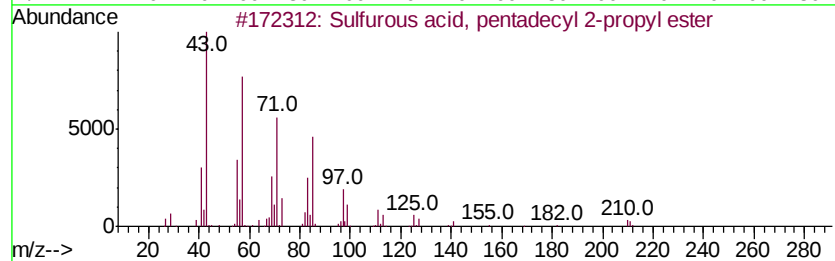
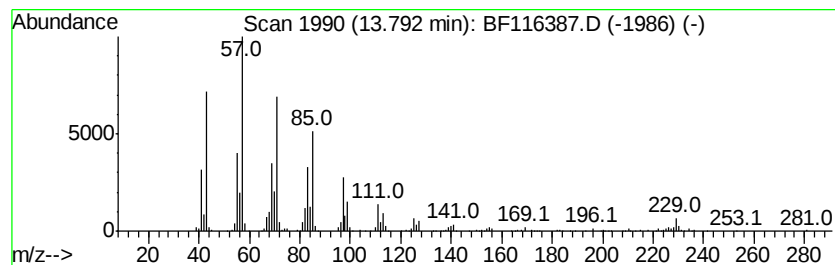
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, pentadecyl ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	11.59 ng	474117	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
3		Hexadecane	226	C16H34	000544-76-3	78
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	74
5		Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
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Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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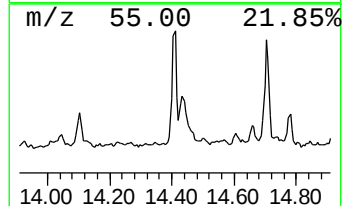
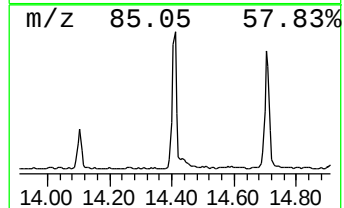
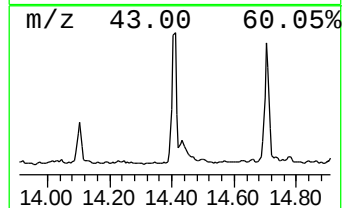
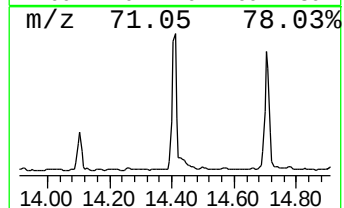
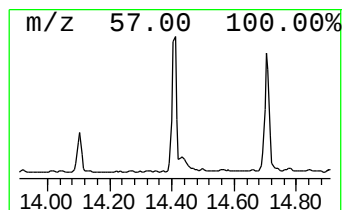
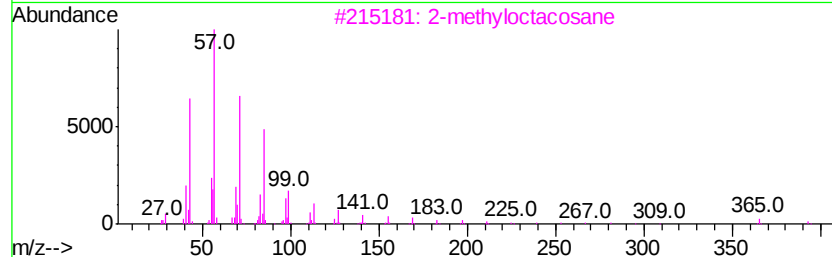
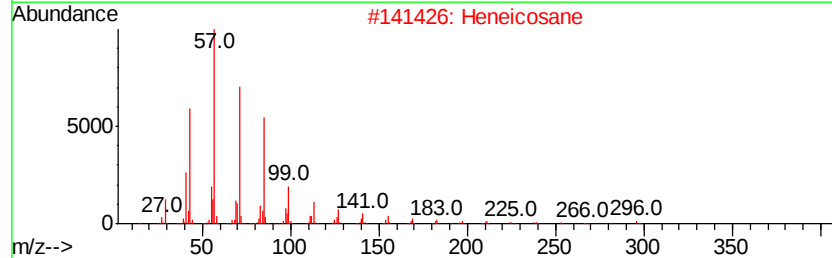
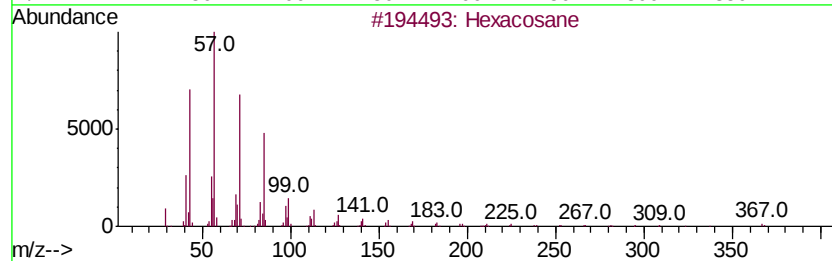
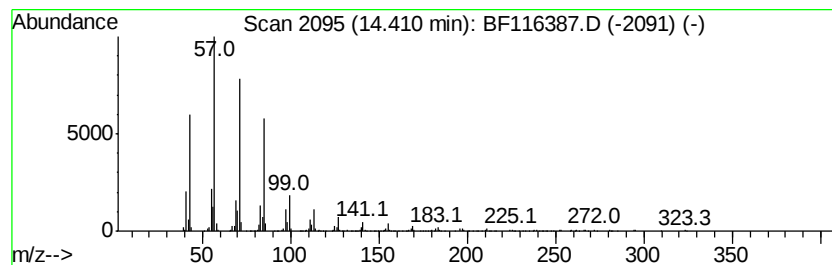
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	15.71 ng	642802	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
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Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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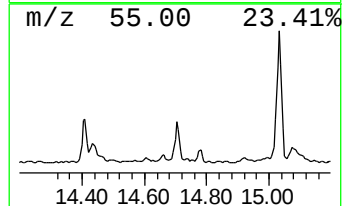
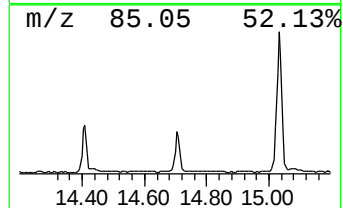
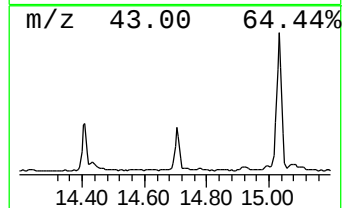
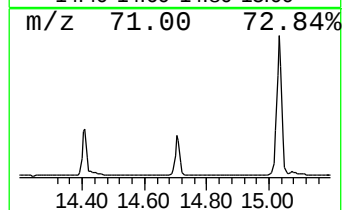
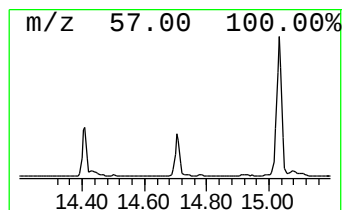
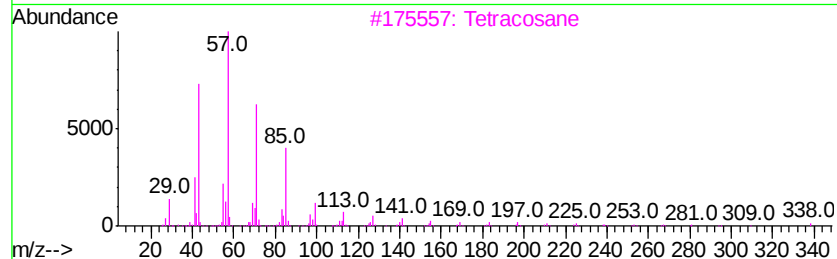
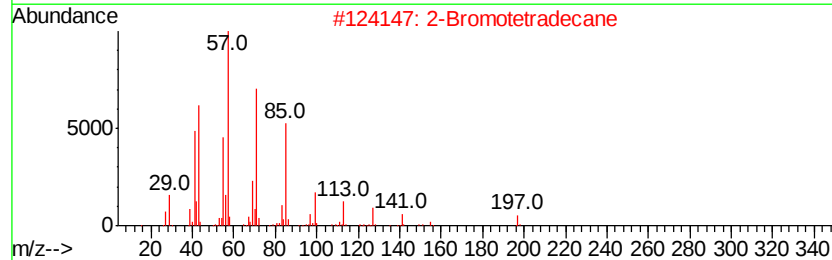
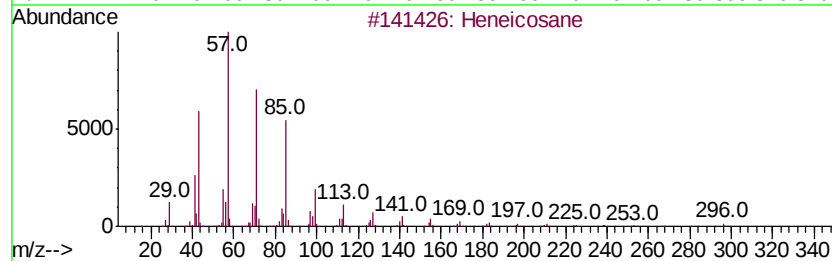
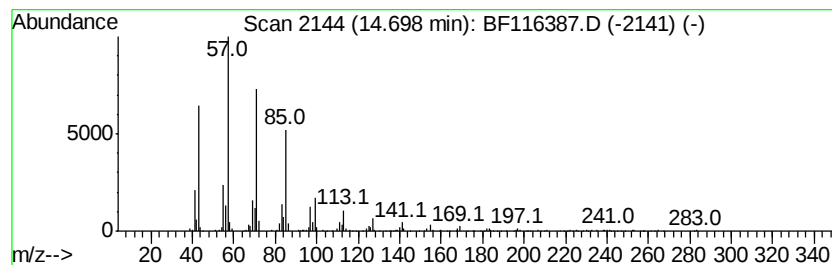
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	17.83 ng	561884	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-Bromotetradecane		276	C14H29Br	074036-95-6	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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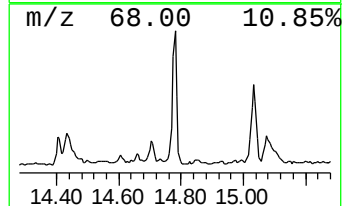
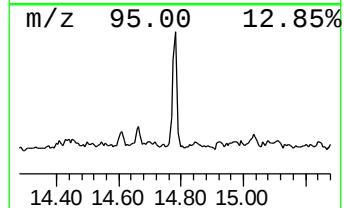
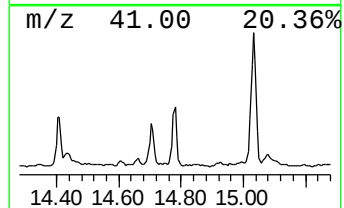
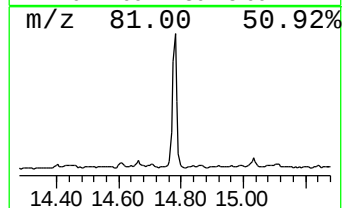
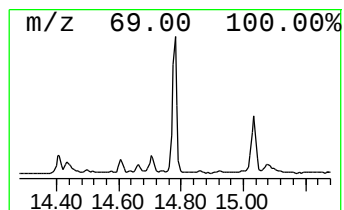
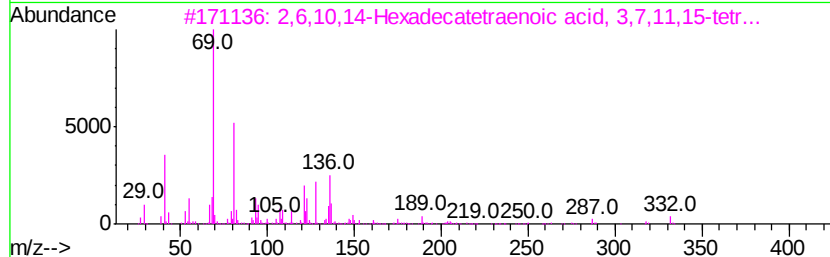
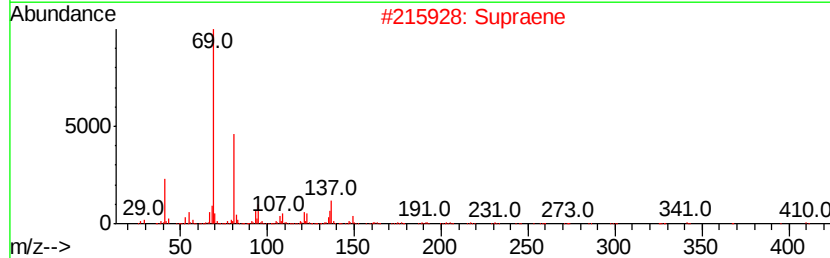
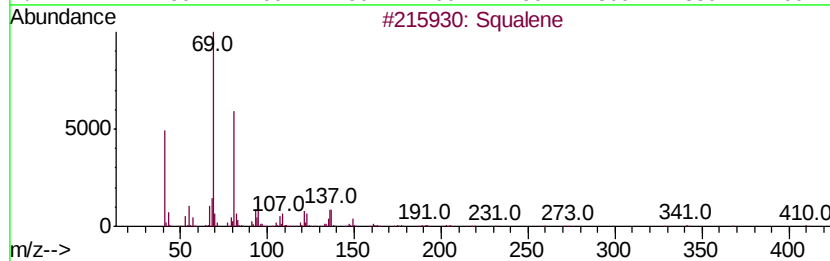
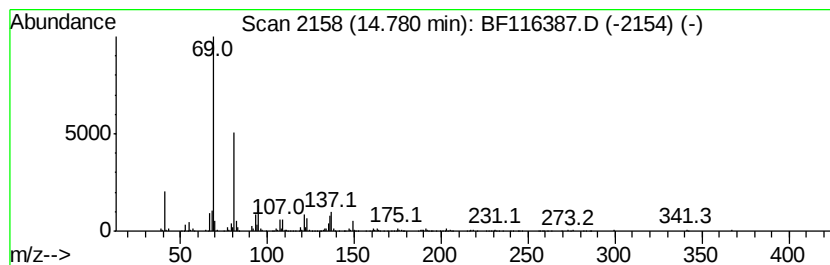
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	16.30 ng	513664	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
5		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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Misc :
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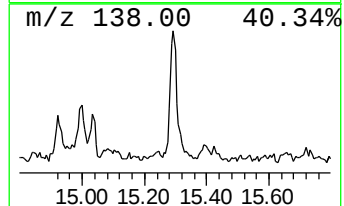
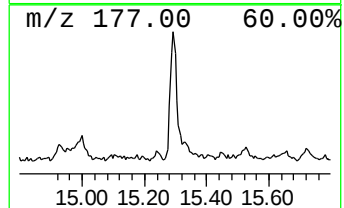
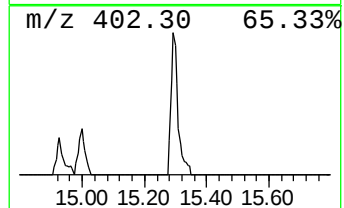
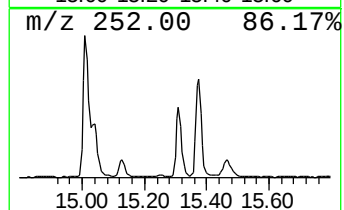
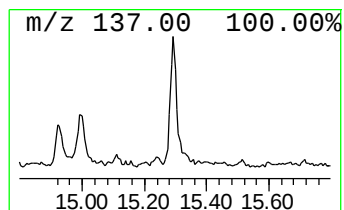
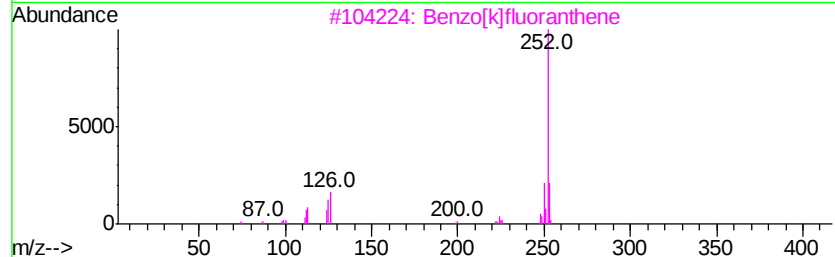
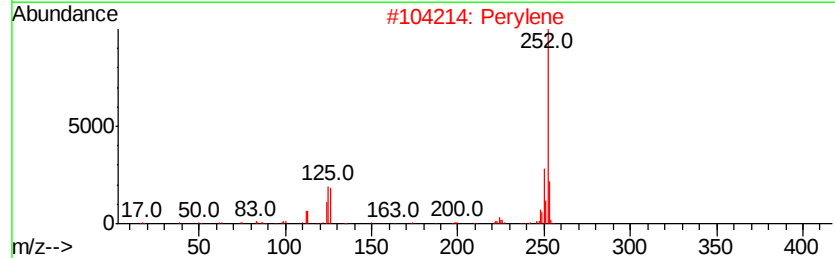
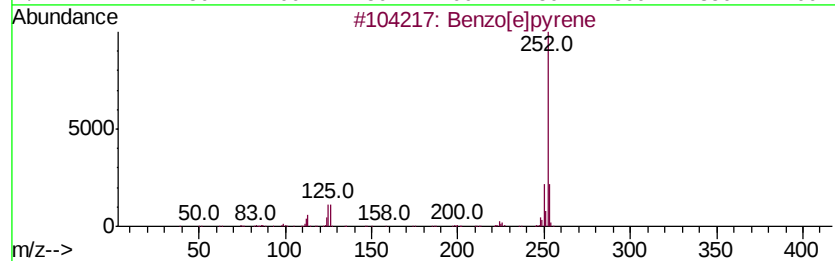
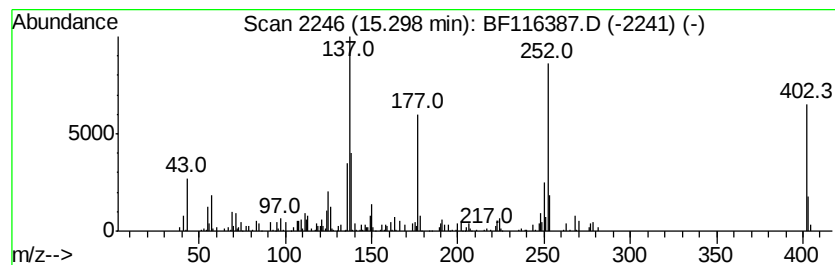
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.45 ng	234722	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



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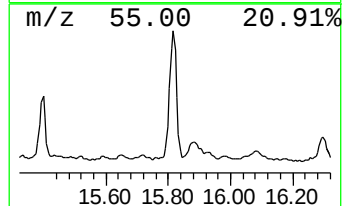
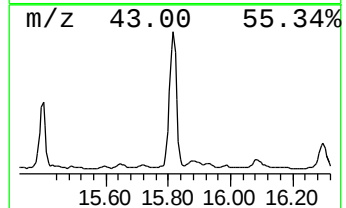
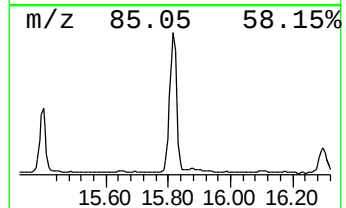
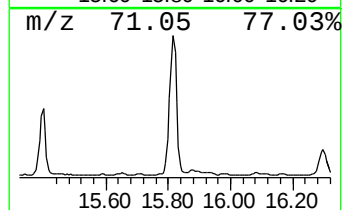
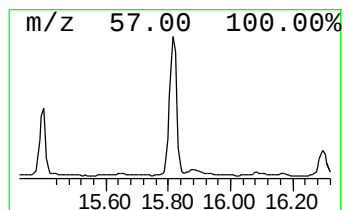
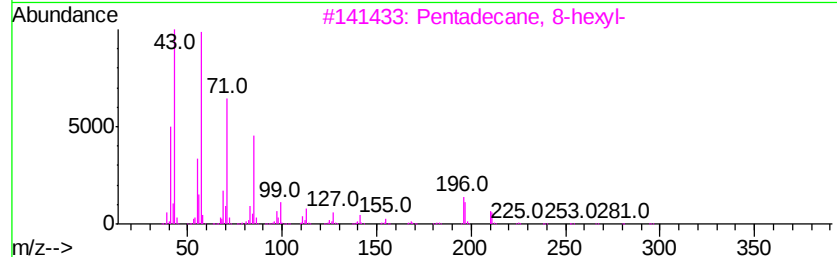
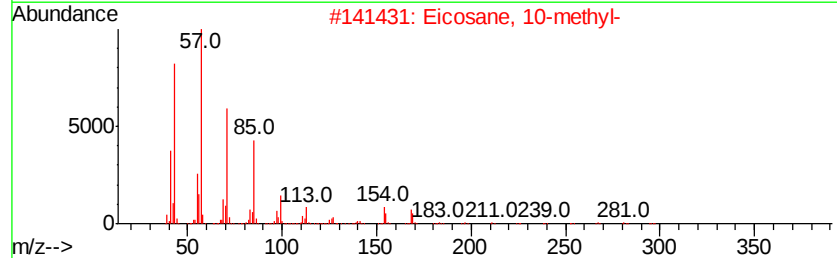
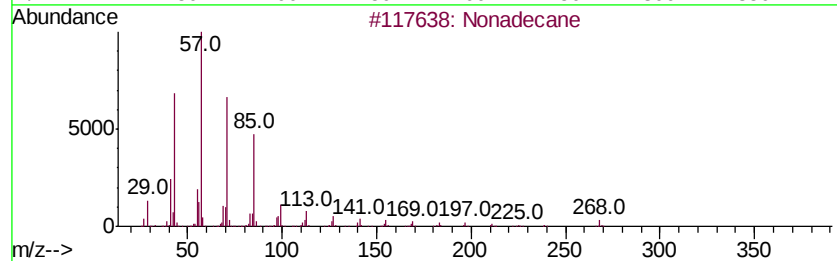
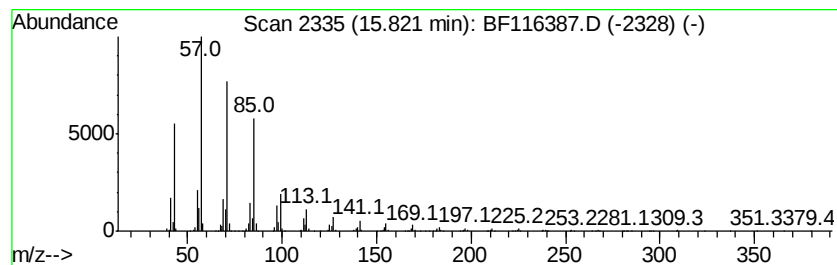
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	60.47 ng	1905720	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
Operator : HP/JU
Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-4

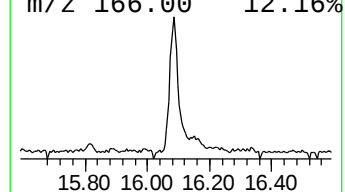
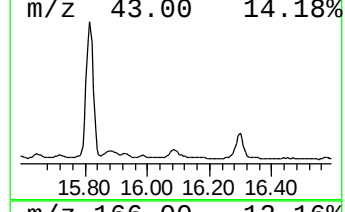
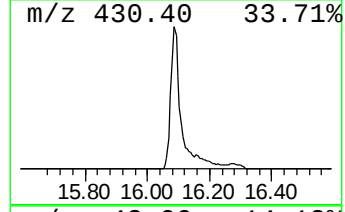
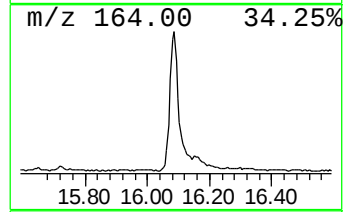
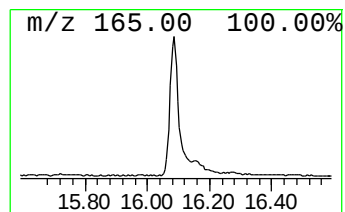
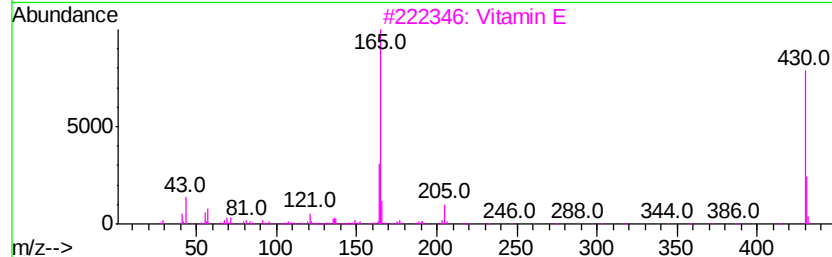
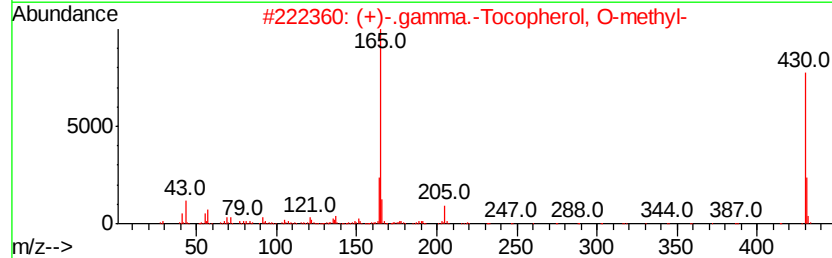
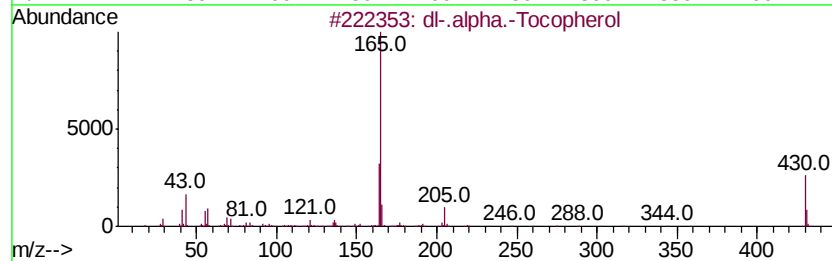
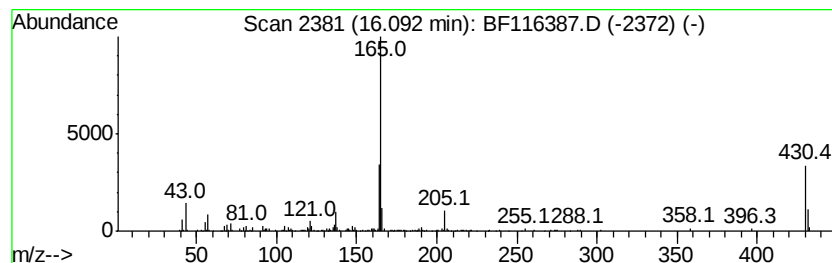
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 dl-.alpha.-Tocopherol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	14.10 ng	444365	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	96
2		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	96
3		Vitamin E	430	C29H50O2	000059-02-9	95
4		Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	59
5		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
Operator : HP/JU
Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

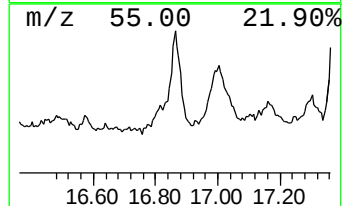
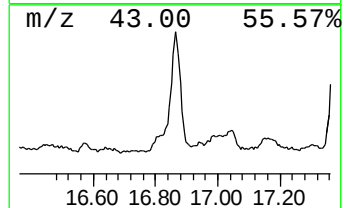
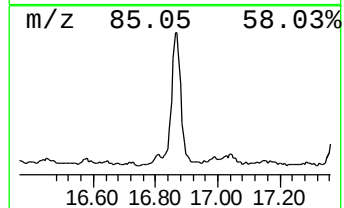
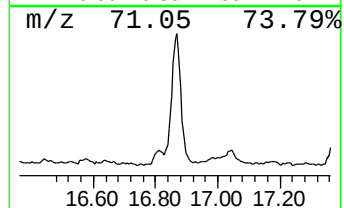
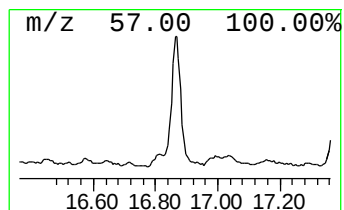
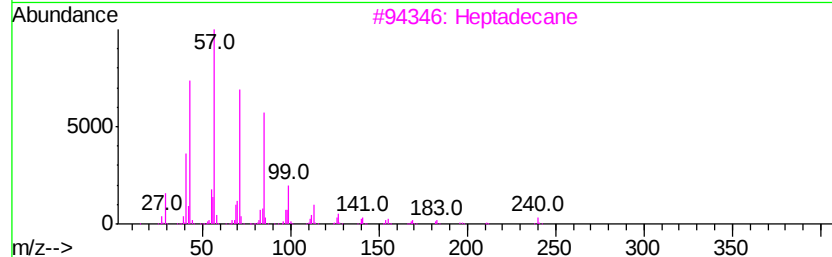
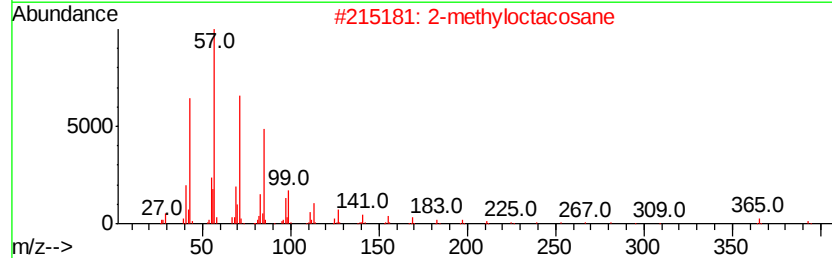
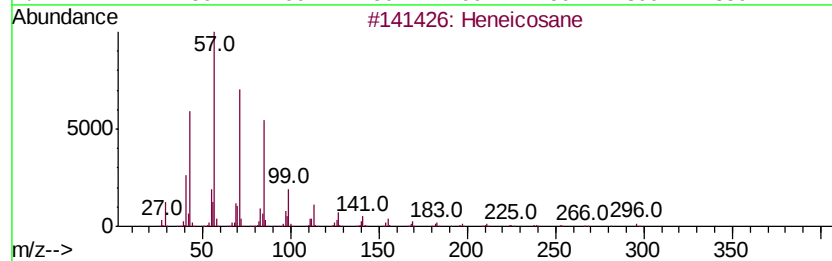
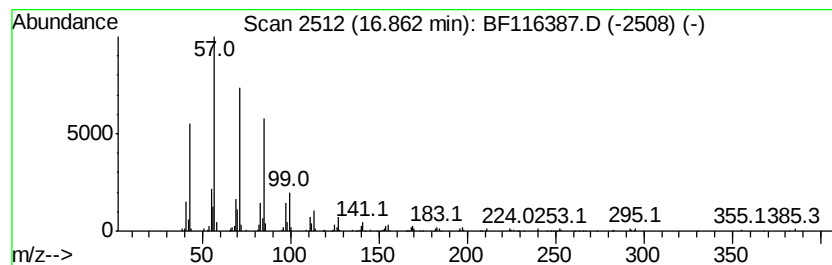
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	13.44 ng	423475	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
Operator : HP/JU
Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

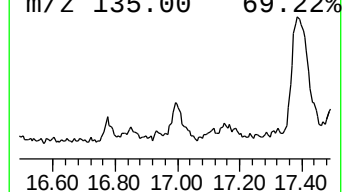
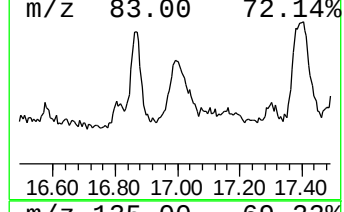
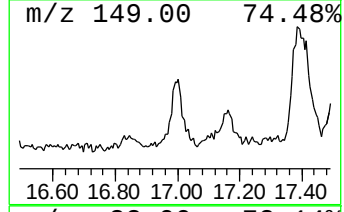
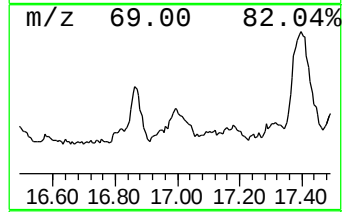
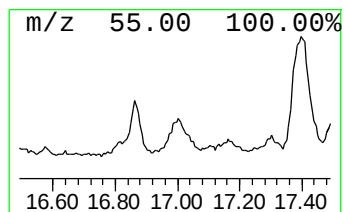
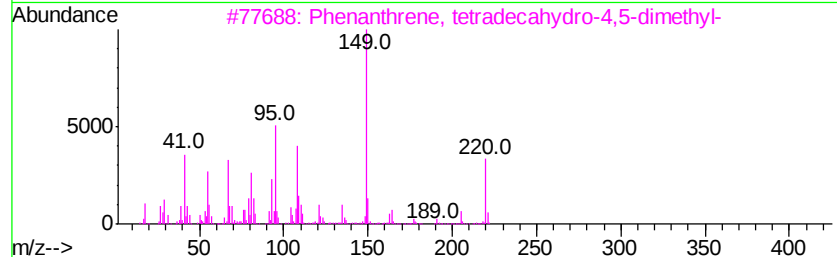
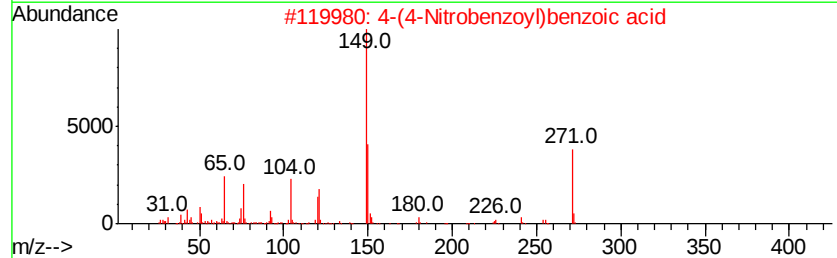
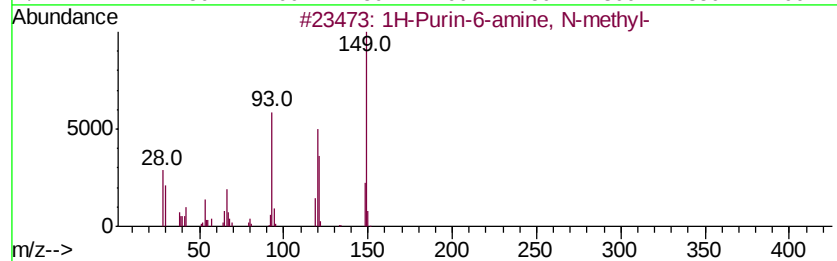
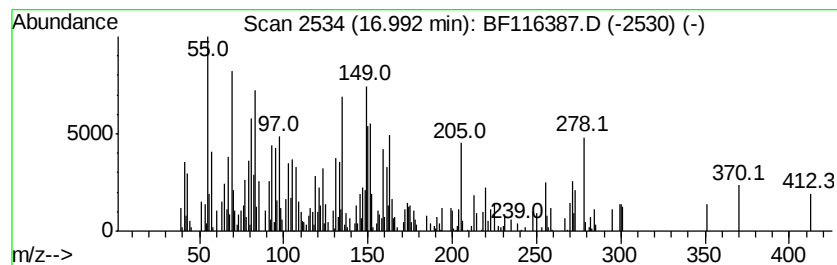
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.99 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	12.29 ng	387279	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	15
2		4-(4-Nitrobenzoyl)benzoic acid	271	C14H9NO5	007377-13-1	15
3		Phenanthrene, tetradecahydro-4,5...	220	C16H28	056292-68-3	14
4		Pvrazine, 3,5-diethyl-2-methyl-	150	C9H14N2	018138-05-1	11
5		Benzophenone-2,4'-dicarboxylic acid	270	C15H10O5	000085-58-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
Operator : HP/JU
Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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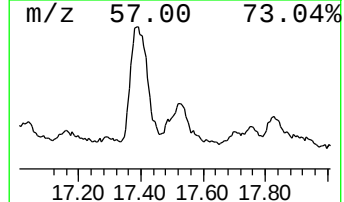
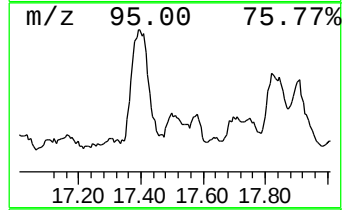
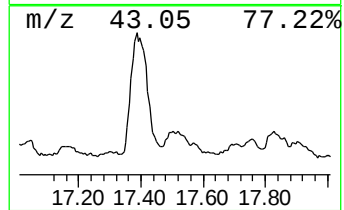
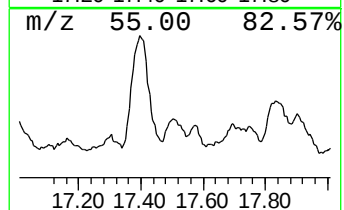
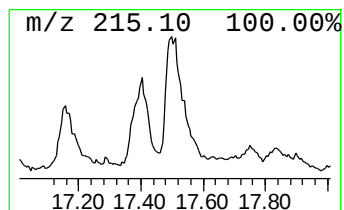
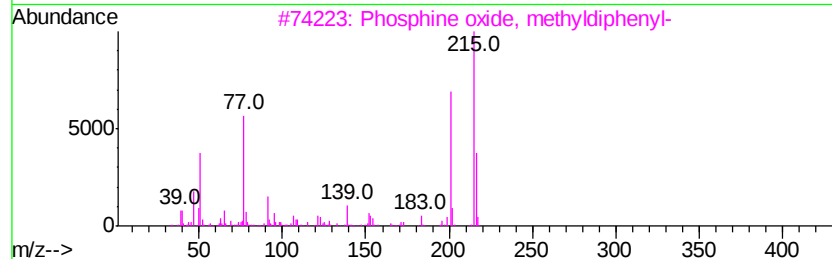
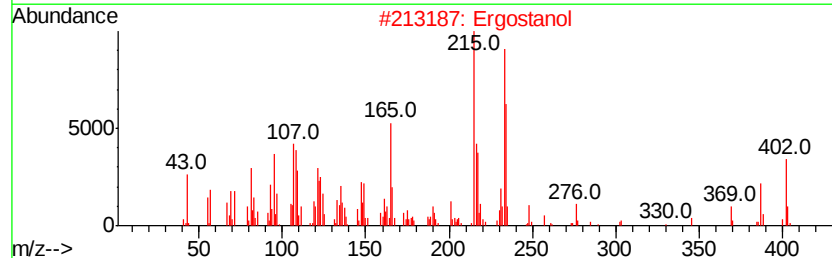
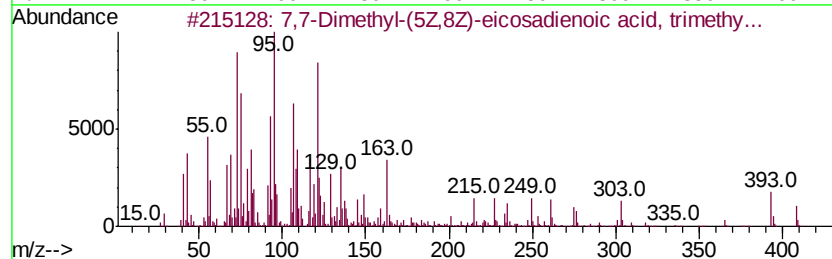
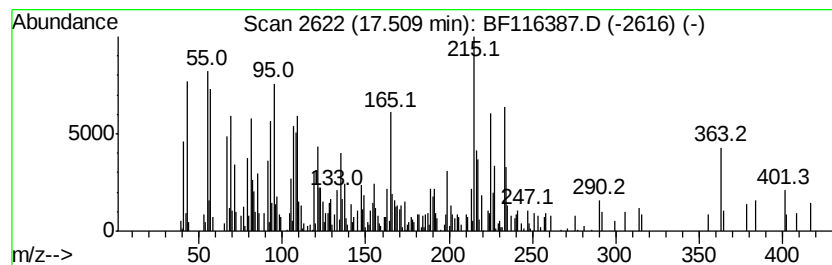
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.51 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	11.86 ng	373772	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,7-Dimethyl-(5Z,8Z)-eicosadieno...	408	C25H48O2Si	1000333-53-9	25
2		Ergostanol	402	C28H50O	006538-02-9	22
3		Phosphine oxide, methyldiphenyl-	216	C13H13OP	002129-89-7	22
4		Cyclopent[el]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	22
5		Piperazine, 1-(4-amino-6,7-dimet...	383	C19H21N5O4	019216-56-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
Operator : HP/JU
Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

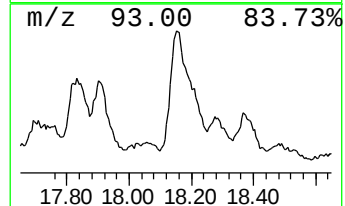
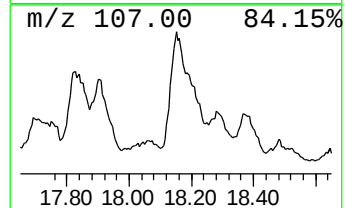
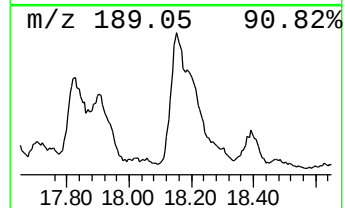
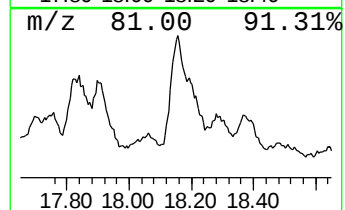
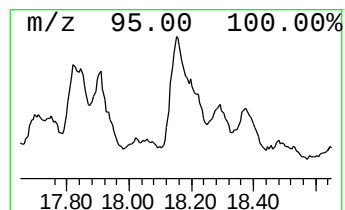
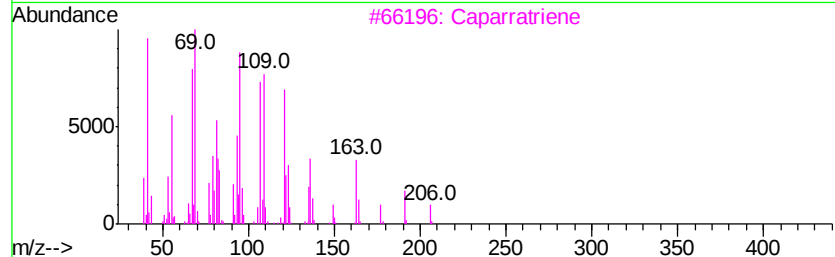
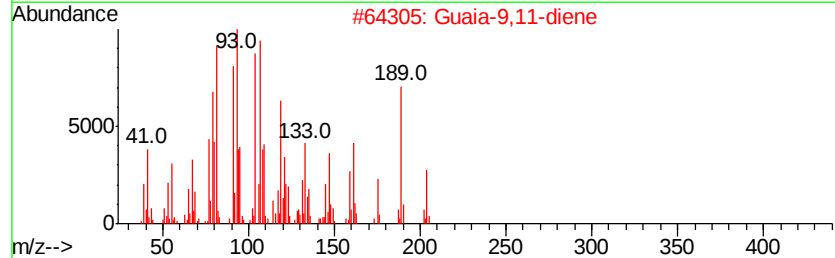
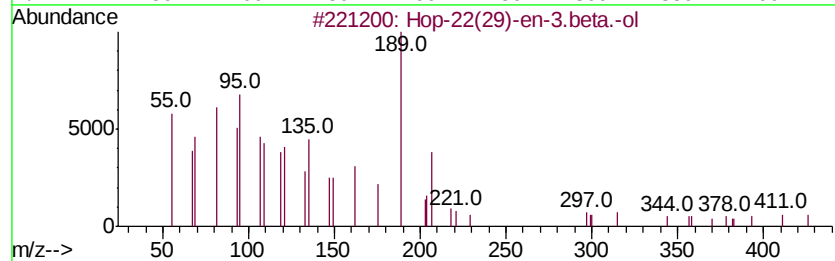
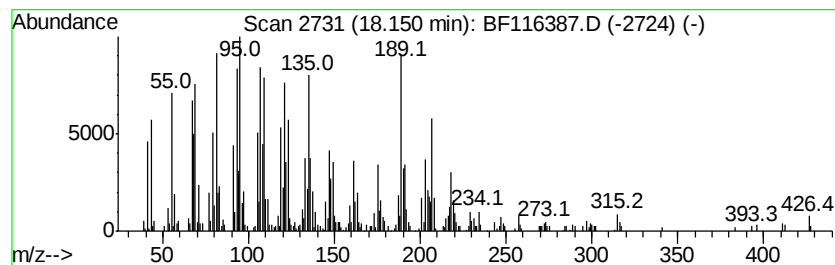
Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hop-22(29)-en-3.beta.-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	34.30 ng	1081090	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hop-22(29)-en-3.beta.-ol	426 C30H500	058801-23-3 92
2		Guaia-9,11-diene	204 C15H24	1000374-19-8 72
3		Caparratriene	206 C15H26	1000374-08-7 70
4		Thunbergol	290 C20H340	025269-17-4 64
5		(-)-Neoclovene-(I), dihydro-	206 C15H26	1000152-82-1 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
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Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

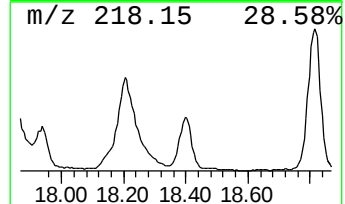
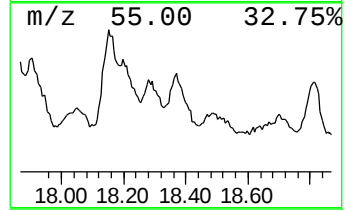
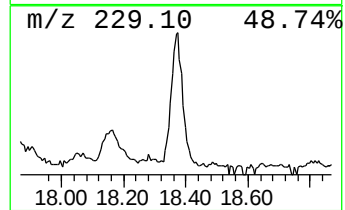
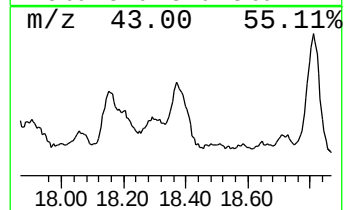
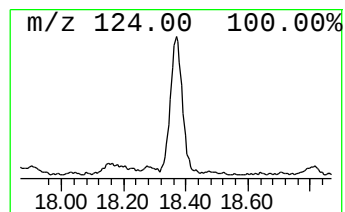
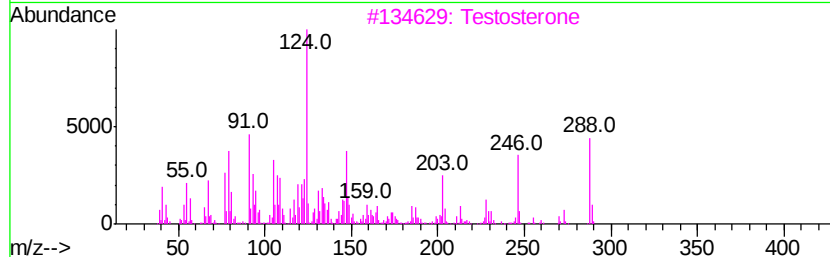
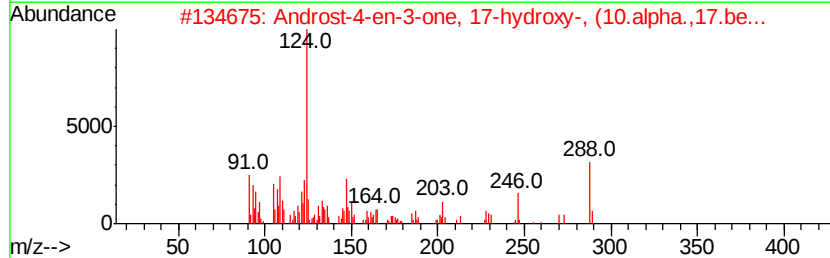
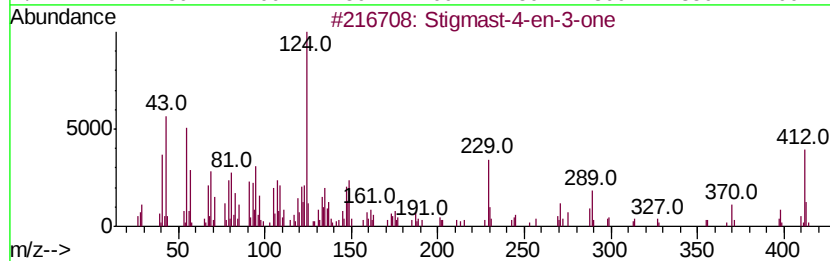
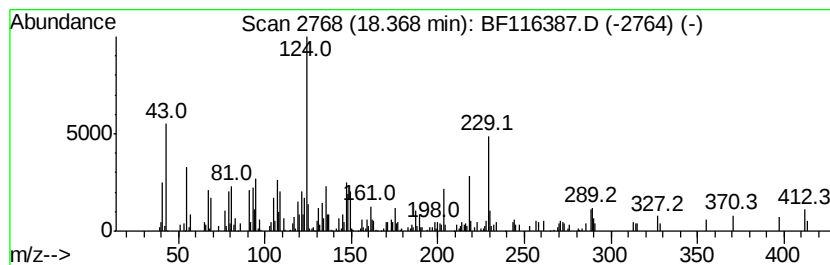
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Stigmast-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	21.92 ng	690725	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	96
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	55
3		Testosterone	288	C19H28O2	000058-22-0	46
4		Phthalic acid, 6-ethyloct-3-yl 4...	412	C25H32O5	1000315-53-5	35
5		Isonicotinic acid, 2-pentadecyl ...	333	C21H35NO2	1000299-90-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
Acq On : 19 Aug 2019 14:03
Operator : HP/JU
Sample : K4223-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

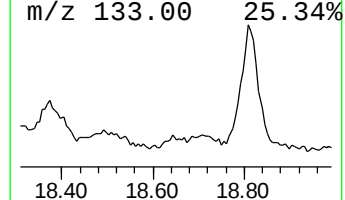
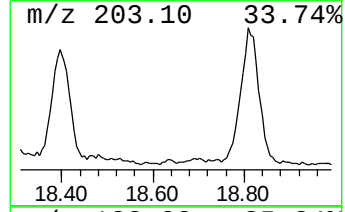
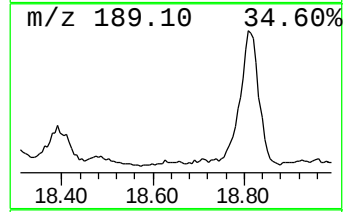
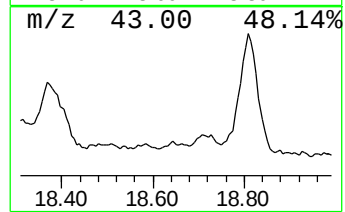
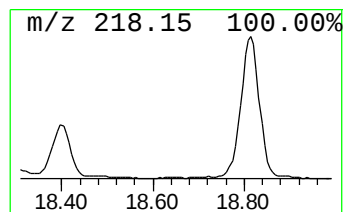
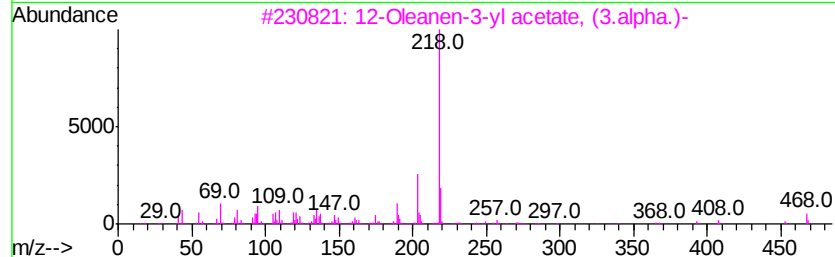
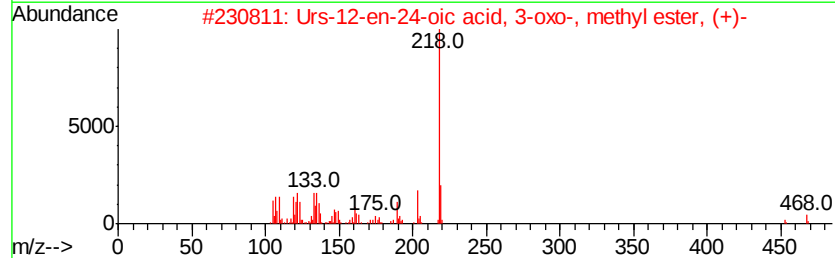
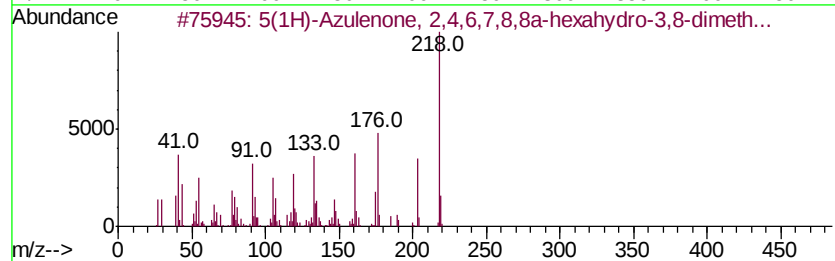
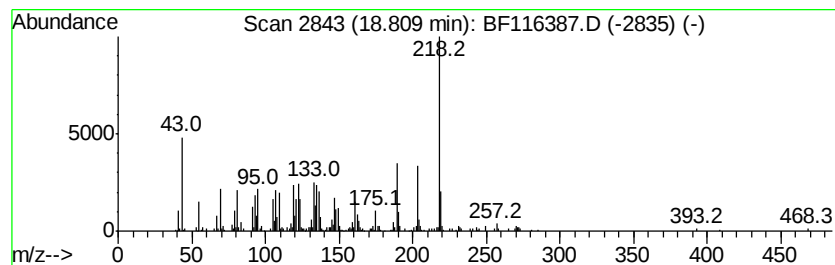
Instrument :
BNA_F
ClientSampleId :
SP-4

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 20 5(1H)-Azulenone, 2,4,6,7,8,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.81	27.13 ng	855116	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	83
2	Urs-12-en-24-oic acid, 3-oxo-, m...	468	C31H48O3	020475-86-9	80
3	12-Oleanen-3-yl acetate, (3.alpha...	468	C32H52O2	033055-28-6	70
4	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	64
5	.alpha.-Amyrin	426	C30H50O	000638-95-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116387.D
 Acq On : 19 Aug 2019 14:03
 Operator : HP/JU
 Sample : K4223-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

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	64.1	ng	2408960	1	6.80	751987	20.0
n-Hexadecanoic acid	11.85	22.2	ng	1024840	4	11.32	925072	20.0
Phytol	12.46	8.8	ng	407535	4	11.32	925072	20.0
Octadecanoic acid	12.63	7.7	ng	355354	4	11.32	925072	20.0
Sulfurous acid, p...	13.79	11.6	ng	474117	5	13.96	818098	20.0
Hexacosane	14.41	15.7	ng	642802	5	13.96	818098	20.0
Heneicosane	14.70	17.8	ng	561884	6	15.42	630290	20.0
Squalene	14.78	16.3	ng	513664	6	15.42	630290	20.0
Benzo[e]pyrene	15.30	7.5	ng	234722	6	15.42	630290	20.0
Nonadecane	15.82	60.5	ng	1905720	6	15.42	630290	20.0
dl-.alpha.-Tocoph...	16.09	14.1	ng	444365	6	15.42	630290	20.0
2-methyloctacosane	16.86	13.4	ng	423475	6	15.42	630290	20.0
unknown16.99	16.99	12.3	ng	387279	6	15.42	630290	20.0
unknown17.51	17.51	11.9	ng	373772	6	15.42	630290	20.0
.beta.-Amyrin	17.83	33.2	ng	1046270	6	15.42	630290	20.0
Hop-22(29)-en-3.b...	18.15	34.3	ng	1081090	6	15.42	630290	20.0
Stigmast-4-en-3-one	18.37	21.9	ng	690725	6	15.42	630290	20.0
5(1H)-Azulenone, ...	18.81	27.1	ng	855116	6	15.42	630290	20.0