

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112082.D
 Acq On : 17 Jan 2019 12:02
 Operator : JU/SJ
 Sample : K1012-07 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-011518-A

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-BF011619.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	5.487	575	578	587	rVB	576311	538329	15.60%	0.985%
2	6.498	747	750	756	rBV	692598	638993	18.51%	1.169%
3	6.633	769	773	779	rVB	739009	634010	18.37%	1.160%
4	6.698	779	784	787	rBV2	88615	92234	2.67%	0.169%
5	6.857	808	811	819	rBV	1793581	1689331	48.94%	3.090%
6	7.016	834	838	841	rBV	644475	534452	15.48%	0.978%
7	7.416	897	906	911	rBV	401563	409246	11.86%	0.749%
8	7.457	911	913	917	rVV	190991	156078	4.52%	0.285%
9	7.886	983	986	992	rVB5	47346	86014	2.49%	0.157%
10	8.145	1024	1030	1032	rBV	2495733	2534357	73.42%	4.635%
11	8.163	1032	1033	1036	rVV	663989	426495	12.36%	0.780%
12	8.204	1038	1040	1043	rVB2	82675	70310	2.04%	0.129%
13	8.439	1074	1080	1086	rVB5	65473	92621	2.68%	0.169%
14	8.563	1098	1101	1104	rBV	90303	85191	2.47%	0.156%
15	8.645	1112	1115	1118	rBV2	73855	68610	1.99%	0.125%
16	8.733	1127	1130	1133	rBV	385814	288332	8.35%	0.527%
17	8.857	1148	1151	1156	rVB	339447	276355	8.01%	0.505%
18	8.957	1165	1168	1172	rBV2	209822	215652	6.25%	0.394%
19	9.098	1188	1192	1195	rVB4	50962	62248	1.80%	0.114%
20	9.163	1201	1203	1208	rVB2	102682	94837	2.75%	0.173%
21	9.216	1208	1212	1215	rBV	1026837	800595	23.19%	1.464%
22	9.298	1222	1226	1232	rBV2	394068	426342	12.35%	0.780%
23	9.416	1244	1246	1250	rVB	64152	61975	1.80%	0.113%
24	9.486	1253	1258	1261	rVB	123725	168244	4.87%	0.308%
25	9.557	1263	1270	1272	rBV	216277	232268	6.73%	0.425%
26	9.580	1272	1274	1276	rVB	105749	78374	2.27%	0.143%
27	9.610	1276	1279	1280	rBV	94721	100023	2.90%	0.183%
28	9.674	1287	1290	1295	rVB2	101185	102024	2.96%	0.187%
29	9.757	1302	1304	1309	rVB	79737	69419	2.01%	0.127%
30	9.827	1313	1316	1321	rVV	295480	237173	6.87%	0.434%
31	9.898	1321	1328	1331	rVV2	2873764	2576682	74.65%	4.713%
32	9.927	1331	1333	1337	rVV	718372	639596	18.53%	1.170%
33	10.004	1342	1346	1350	rBV3	42637	63407	1.84%	0.116%
34	10.057	1350	1355	1358	rBV4	53969	81168	2.35%	0.148%

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35	10.104	1358	1363	1367	rVV	487947	487312	14.12%	0.891%
36	10.139	1367	1369	1373	rVV3	72149	86278	2.50%	0.158%
37	10.174	1373	1375	1379	rVB2	76169	68266	1.98%	0.125%
38	10.216	1379	1382	1385	rBV2	63795	69279	2.01%	0.127%
39	10.327	1399	1401	1403	rVB	226918	158995	4.61%	0.291%
40	10.357	1403	1406	1408	rBV	88135	70363	2.04%	0.129%
41	10.445	1417	1421	1426	rBV	1009157	813991	23.58%	1.489%
42	10.533	1434	1436	1438	rBV	84827	71077	2.06%	0.130%
43	10.604	1445	1448	1451	rVB	145626	128500	3.72%	0.235%
44	10.686	1456	1462	1466	rBV	555099	568142	16.46%	1.039%
45	10.798	1478	1481	1487	rBV2	161234	221806	6.43%	0.406%
46	10.992	1509	1514	1517	rBV2	156482	169474	4.91%	0.310%
47	11.021	1517	1519	1522	rVV2	74856	68837	1.99%	0.126%
48	11.121	1531	1536	1538	rBV3	70482	89188	2.58%	0.163%
49	11.145	1538	1540	1544	rVV	69289	78374	2.27%	0.143%
50	11.245	1551	1557	1560	rBV3	153150	241963	7.01%	0.443%
51	11.280	1560	1563	1568	rVB	296271	273567	7.93%	0.500%
52	11.386	1577	1581	1583	rBV	2481243	2332679	67.58%	4.266%
53	11.410	1583	1585	1588	rVV	4055249	3078984	89.20%	5.631%
54	11.457	1590	1593	1597	rVV	1002521	913576	26.47%	1.671%
55	11.492	1597	1599	1602	rVB2	86944	80378	2.33%	0.147%
56	11.610	1614	1619	1623	rBV	273794	319846	9.27%	0.585%
57	11.674	1627	1630	1633	rVV2	132715	115646	3.35%	0.212%
58	11.716	1635	1637	1642	rVB4	64851	73092	2.12%	0.134%
59	11.774	1643	1647	1650	rBV	1132059	966516	28.00%	1.768%
60	11.886	1662	1666	1668	rBV	317693	268727	7.79%	0.491%
61	11.916	1668	1671	1675	rVB	450709	395611	11.46%	0.724%
62	11.963	1675	1679	1682	rBV	196240	180967	5.24%	0.331%
63	11.998	1682	1685	1688	rVV	638615	660034	19.12%	1.207%
64	12.021	1688	1689	1693	rVB	197591	107481	3.11%	0.197%
65	12.086	1697	1700	1703	rVB2	78219	85009	2.46%	0.155%
66	12.180	1713	1716	1718	rBV	233500	183457	5.32%	0.336%
67	12.433	1756	1759	1760	rBV	145936	136610	3.96%	0.250%
68	12.463	1760	1764	1765	rVV	3556573	3405740	98.67%	6.229%
69	12.480	1765	1767	1772	rVV2	2808854	2453236	71.07%	4.487%
70	12.521	1772	1774	1779	rVB2	69873	82792	2.40%	0.151%
71	12.563	1779	1781	1784	rBV	442210	339286	9.83%	0.621%

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72	12.598	1784	1787	1791	rBV	3137566	2875614	83.31%	5.259%
73	12.751	1810	1813	1816	rBV	85468	81234	2.35%	0.149%
74	12.827	1820	1826	1832	rBV2	2495630	2895401	83.88%	5.296%
75	12.874	1832	1834	1839	rVB2	111937	131159	3.80%	0.240%
76	12.963	1843	1849	1852	rBV2	739834	821214	23.79%	1.502%
77	13.045	1859	1863	1866	rBV2	143404	223837	6.48%	0.409%
78	13.074	1866	1868	1871	rVB	81100	66166	1.92%	0.121%
79	13.133	1875	1878	1879	rVV2	109805	125869	3.65%	0.230%
80	13.157	1879	1882	1885	rVB	557364	481843	13.96%	0.881%
81	13.221	1890	1893	1896	rBV	494181	399670	11.58%	0.731%
82	13.257	1896	1899	1902	rBV2	204038	214308	6.21%	0.392%
83	13.351	1913	1915	1918	rBV	93474	75337	2.18%	0.138%
84	13.386	1918	1921	1924	rBV2	102838	127264	3.69%	0.233%
85	13.539	1944	1947	1949	rBV3	83086	101040	2.93%	0.185%
86	13.639	1961	1964	1966	rBV2	86562	116437	3.37%	0.213%
87	13.774	1984	1987	1989	rBV	176263	160817	4.66%	0.294%
88	13.804	1989	1992	1994	rVB	167484	134539	3.90%	0.246%
89	13.827	1994	1996	2000	rBV2	142344	194918	5.65%	0.357%
90	14.027	2022	2030	2032	rBV2	2508604	3451661	100.00%	6.313%
91	14.051	2032	2034	2042	rVB	1150445	1039655	30.12%	1.902%
92	14.133	2045	2048	2051	rVB	294260	242564	7.03%	0.444%
93	14.245	2065	2067	2071	rVB2	108341	134450	3.90%	0.246%
94	14.409	2093	2095	2098	rVB	222679	199691	5.79%	0.365%
95	15.068	2203	2207	2210	rBV	893850	1302975	37.75%	2.383%
96	15.180	2223	2226	2229	rBV	203168	204508	5.92%	0.374%
97	15.374	2256	2259	2266	rVB	478135	628554	18.21%	1.150%
98	15.439	2266	2270	2276	rBV	794311	1028904	29.81%	1.882%
99	15.504	2276	2281	2293	rVV2	1300392	2185778	63.33%	3.998%
100	16.980	2528	2532	2539	rVB2	295964	553513	16.04%	1.012%

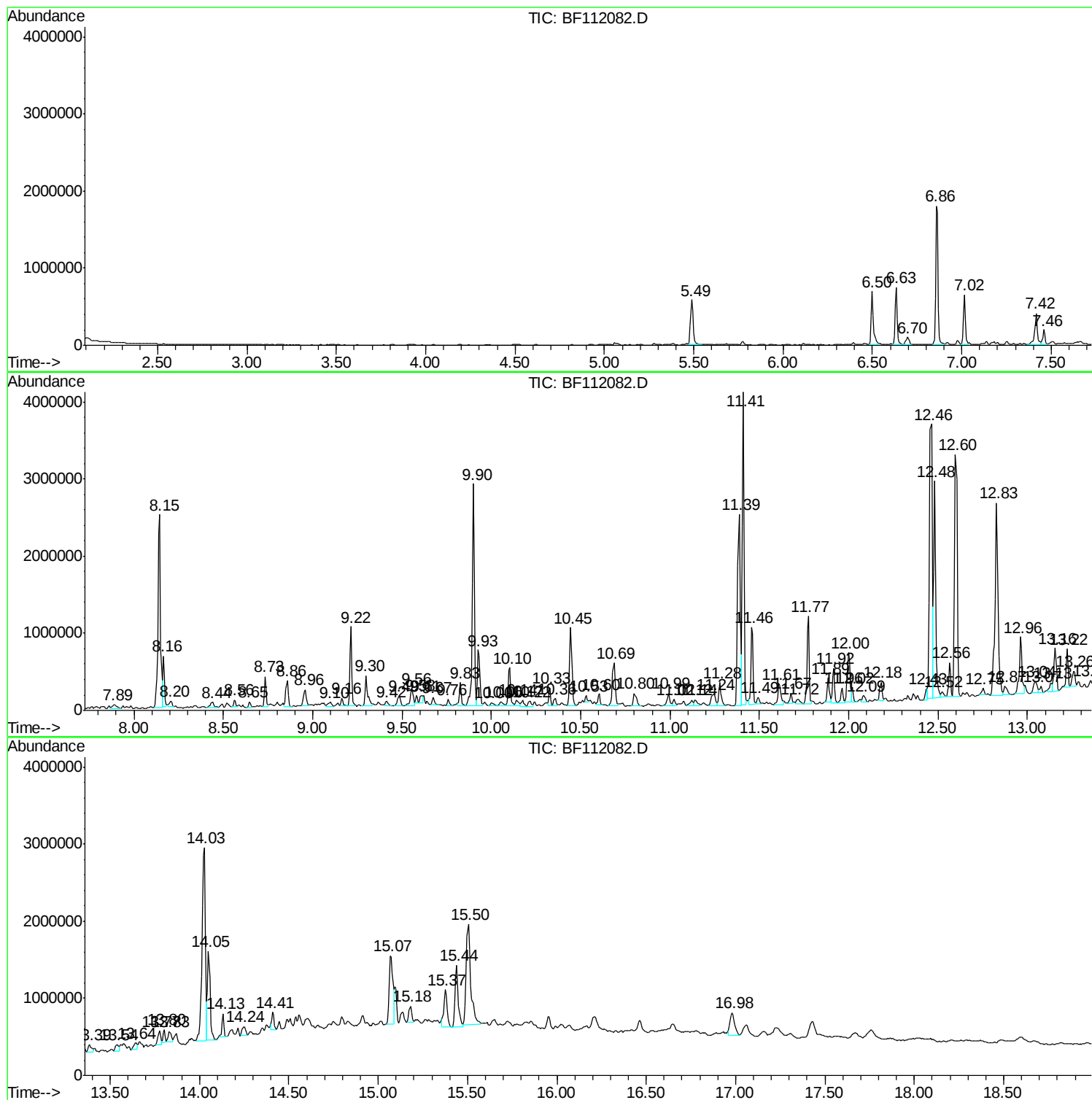
Sum of corrected areas: 54674984

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.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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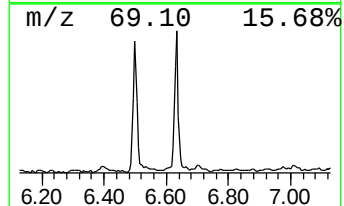
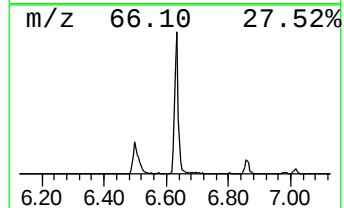
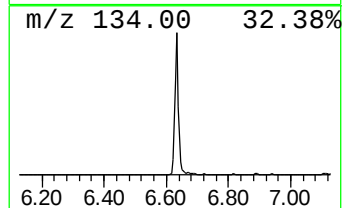
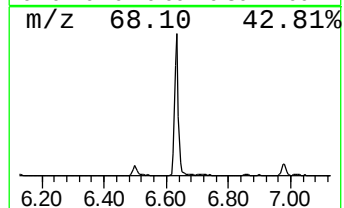
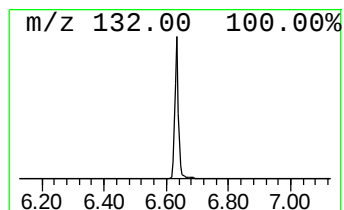
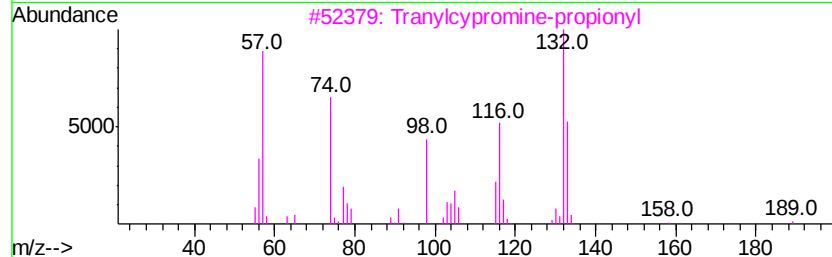
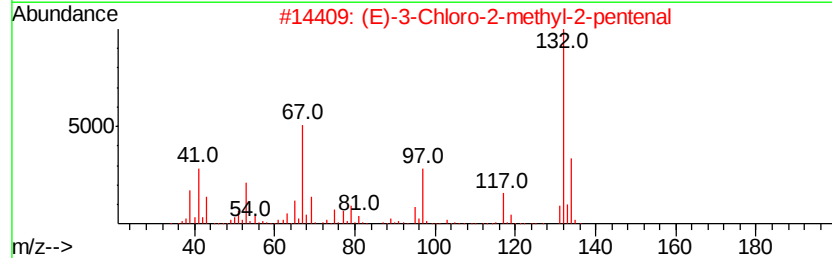
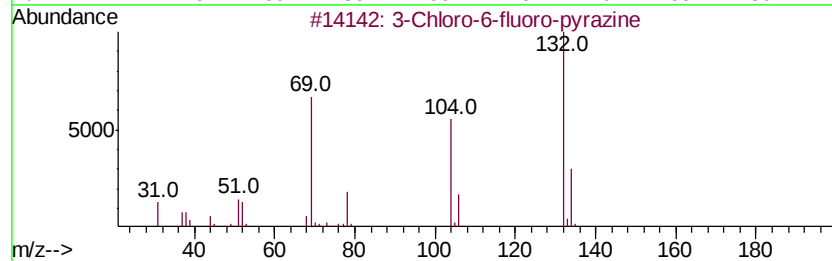
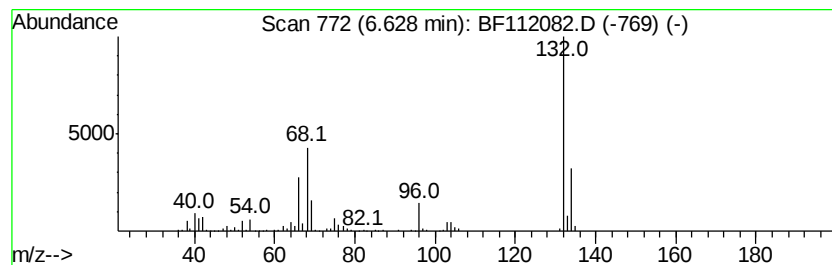
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	7.51 ng	634010	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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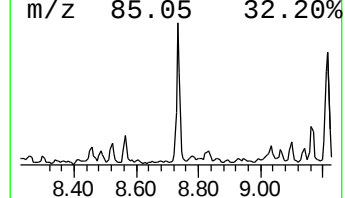
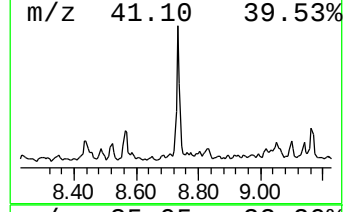
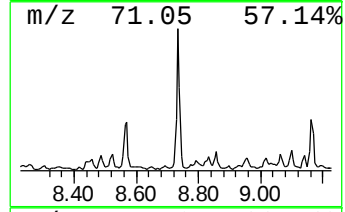
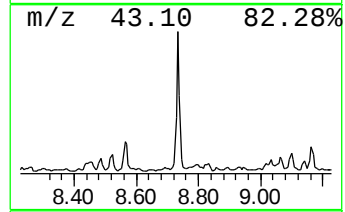
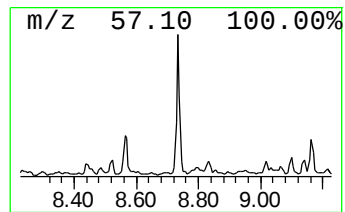
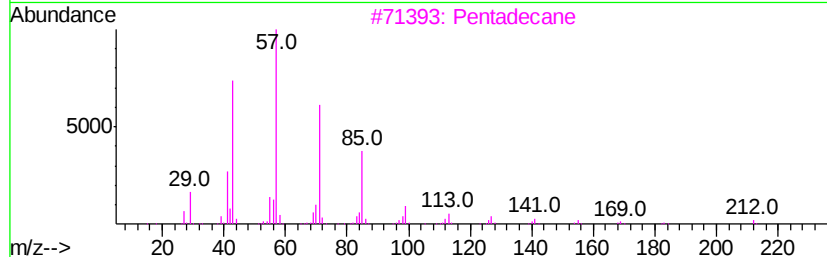
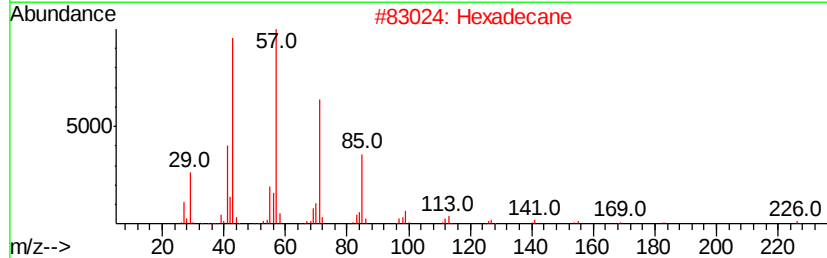
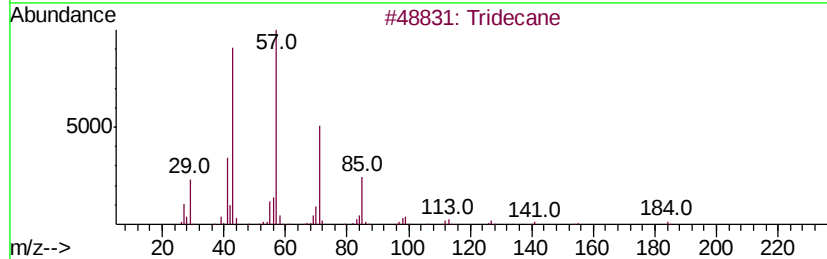
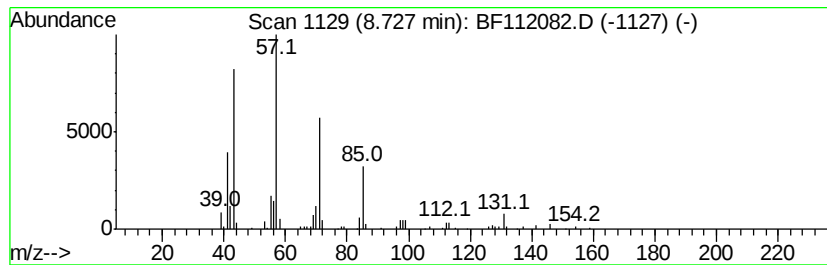
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Peak Number 3 Tridecane Concentration Rank 14

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8.73	2.28 ng	288332	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Heptadecane	240	C17H36	000629-78-7	78



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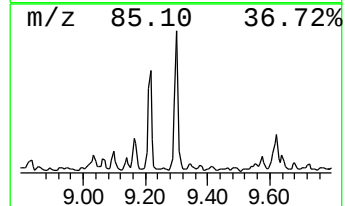
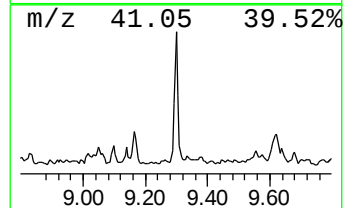
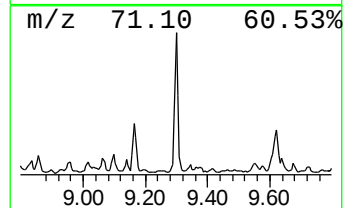
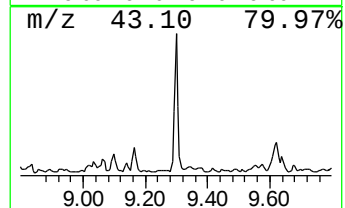
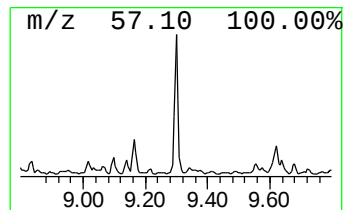
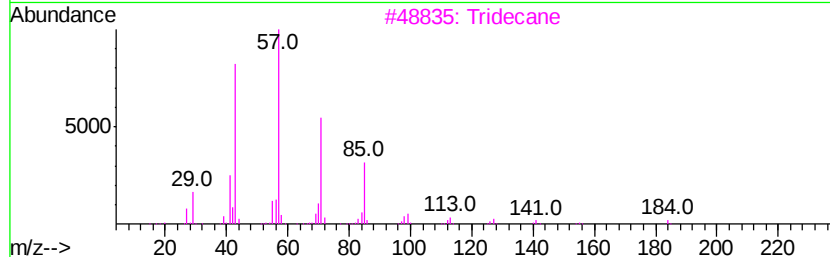
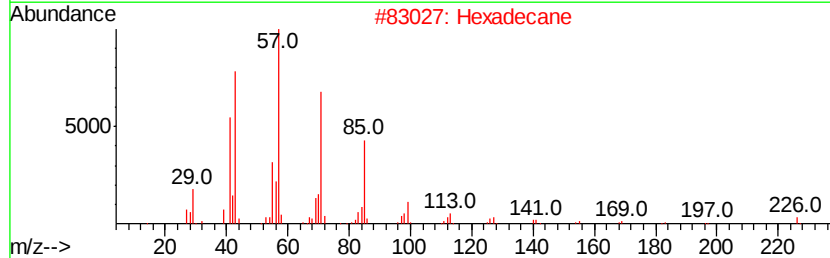
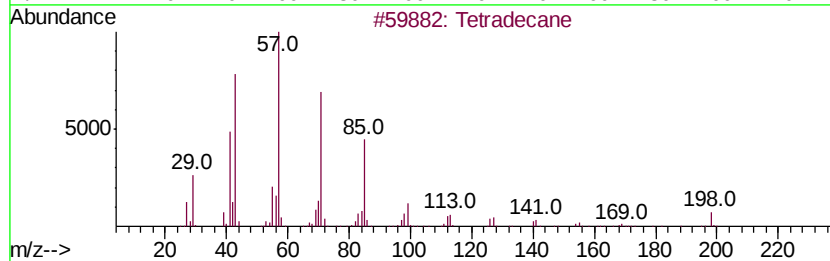
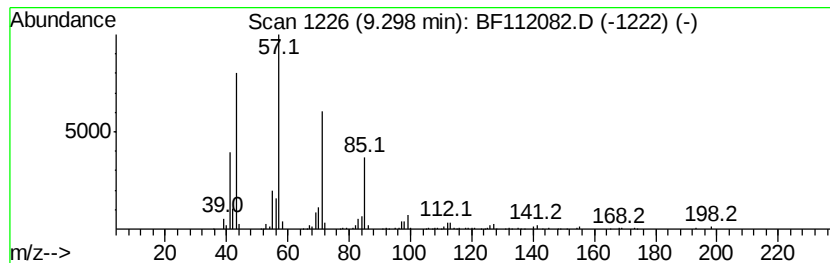
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.30	3.31 ng	426342	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112082.D
Acq On : 17 Jan 2019 12:02
Operator : JU/SJ
Sample : K1012-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

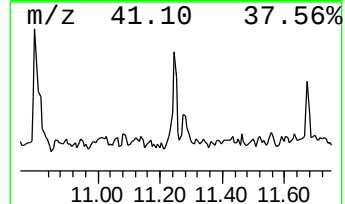
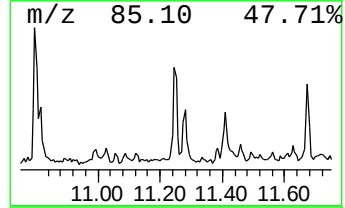
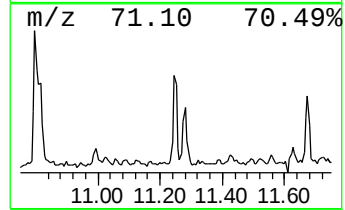
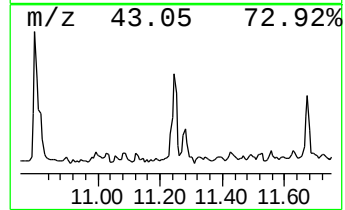
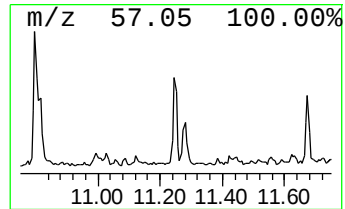
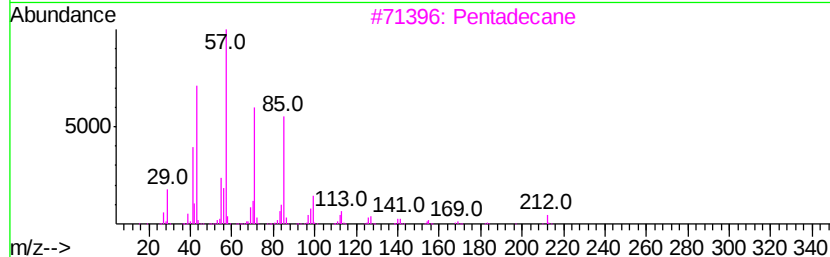
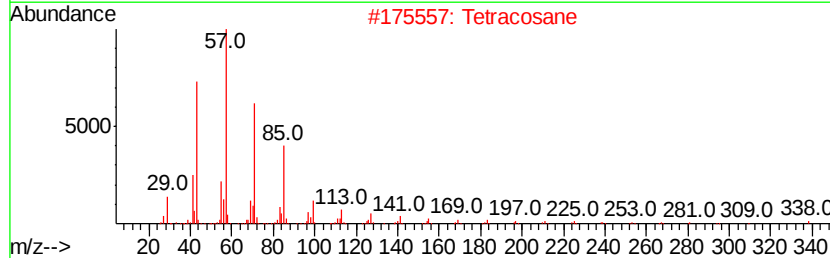
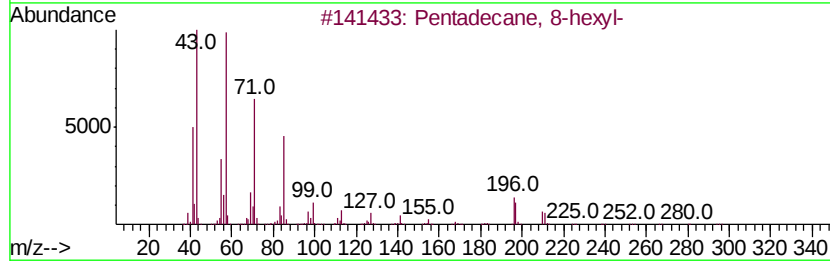
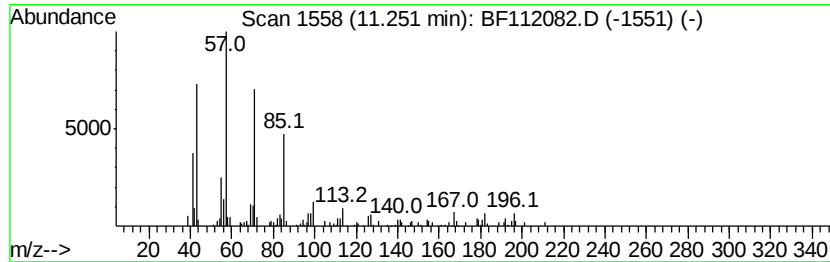
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 8-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.25	2.07 ng	241963	Phenanthrene-d10	11.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
2		Tetracosane	338	C24H50	000646-31-1	62
3		Pentadecane	212	C15H32	000629-62-9	62
4		Heneicosane	296	C21H44	000629-94-7	62
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112082.D
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Operator : JU/SJ
Sample : K1012-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

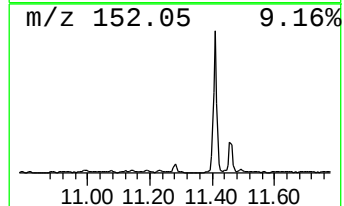
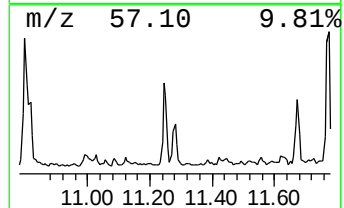
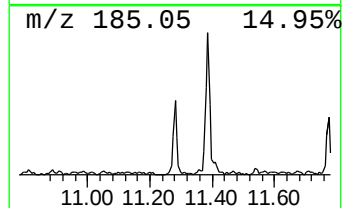
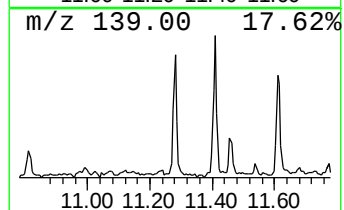
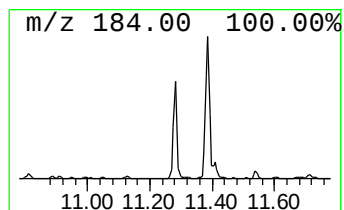
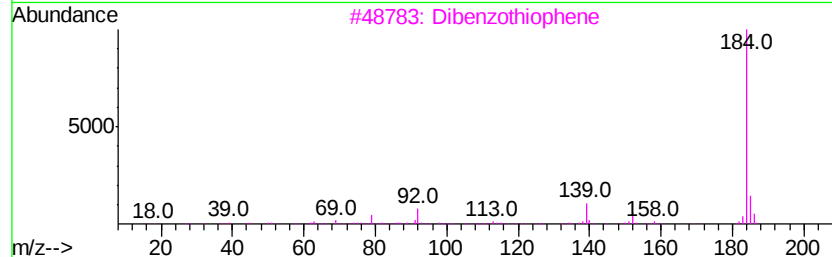
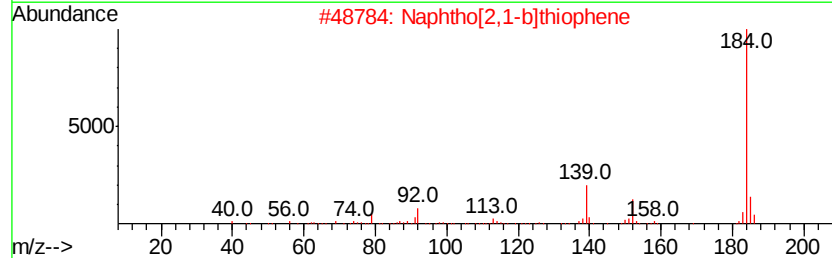
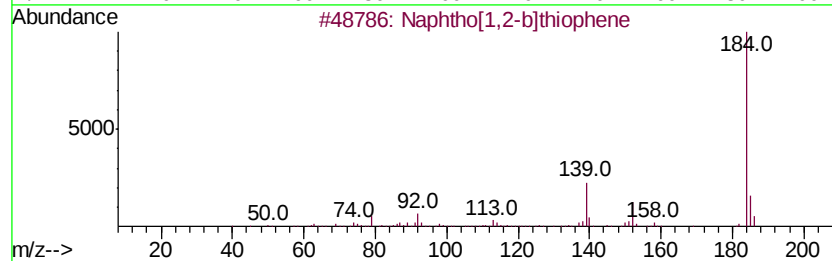
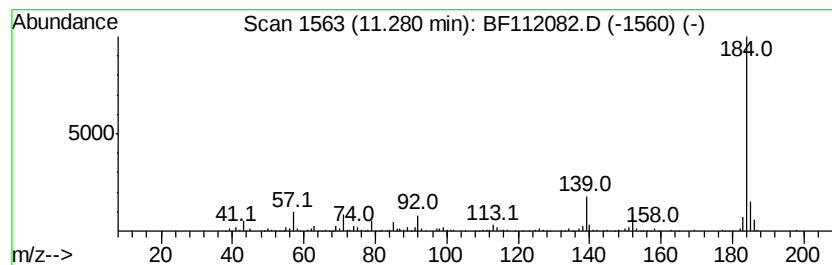
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.28	2.35 ng	273567	Phenanthrene-d10		11.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87



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Sample : K1012-07 10X
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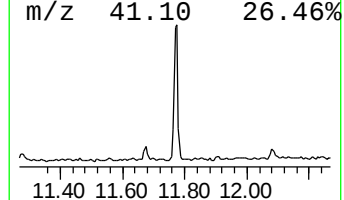
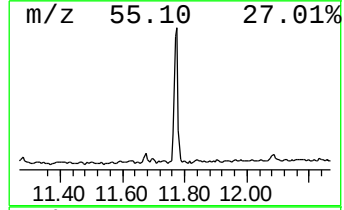
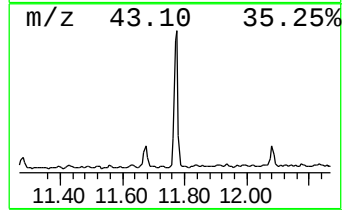
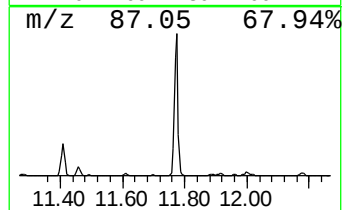
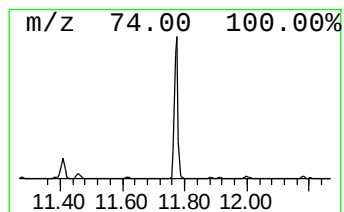
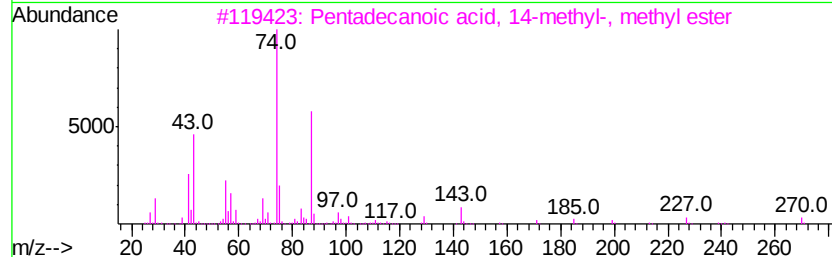
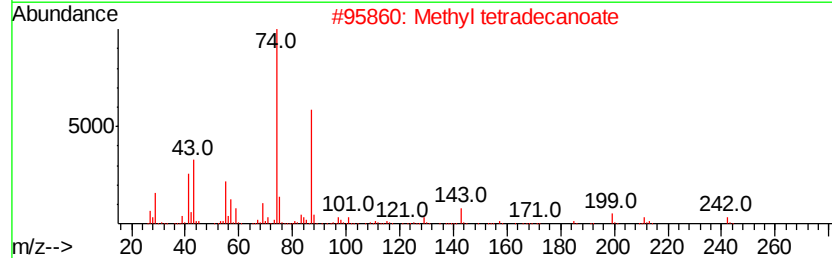
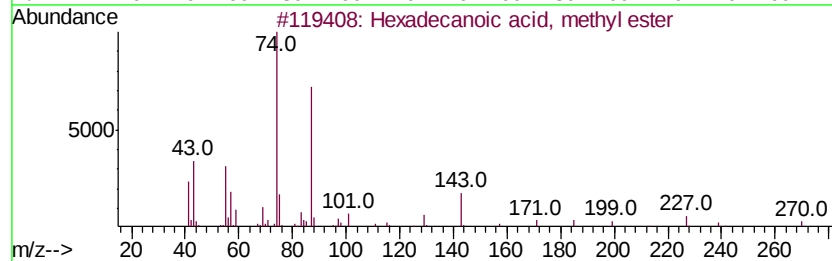
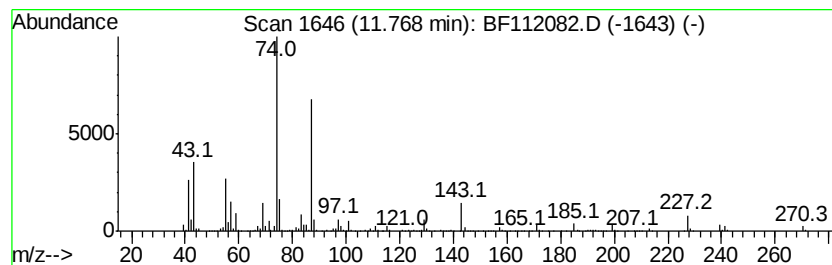
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	8.29 ng	966516	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112082.D
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Sample : K1012-07 10X
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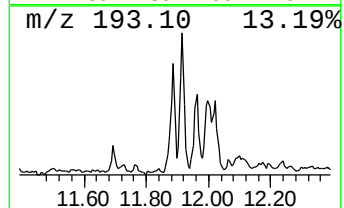
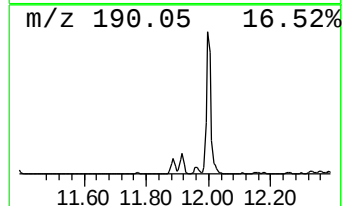
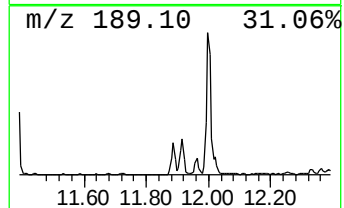
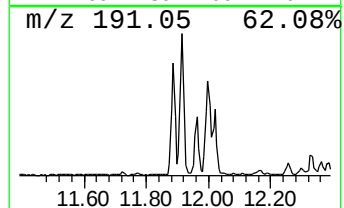
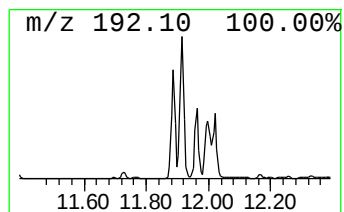
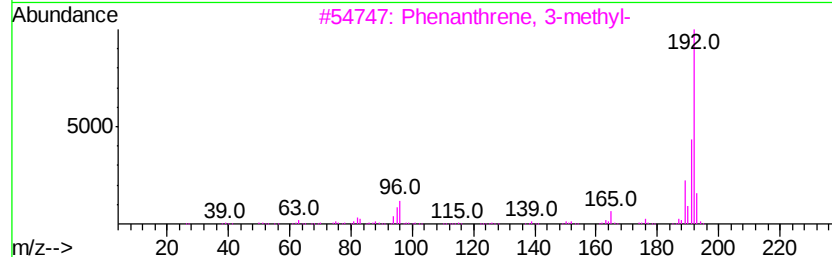
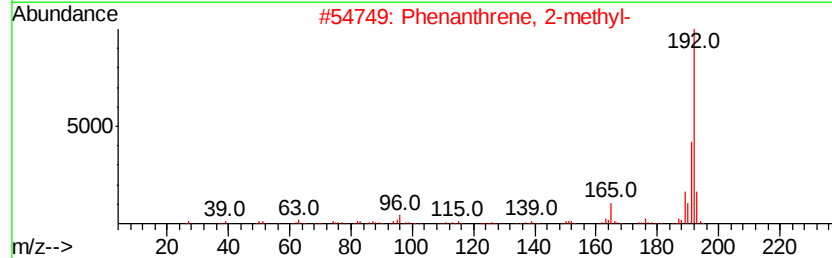
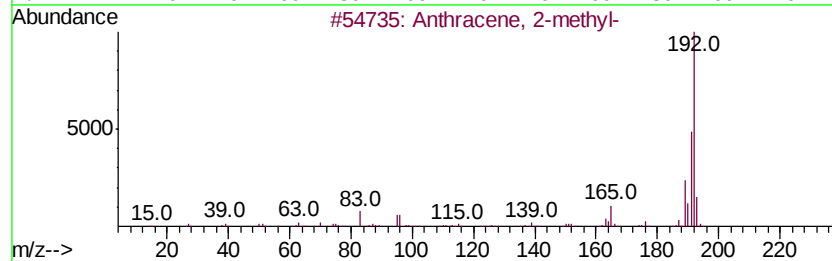
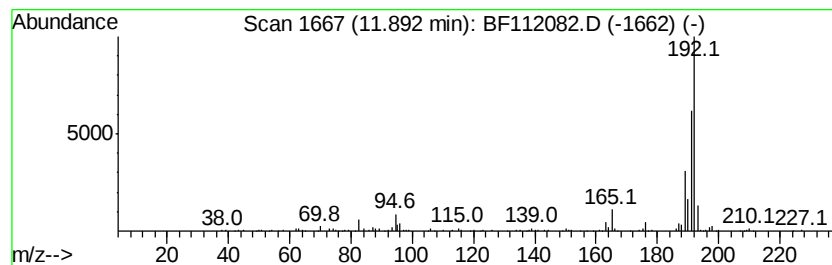
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	2.30 ng	268727	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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Sample : K1012-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

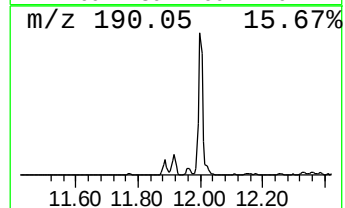
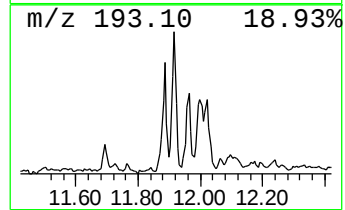
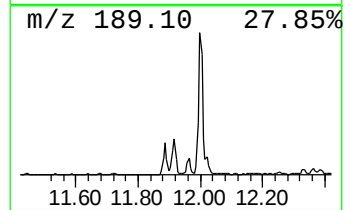
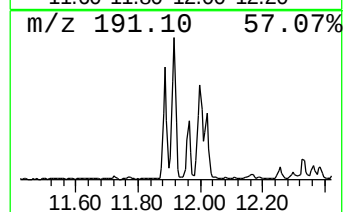
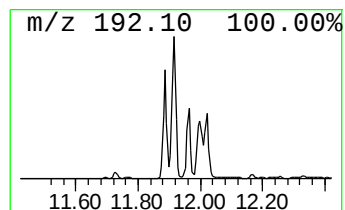
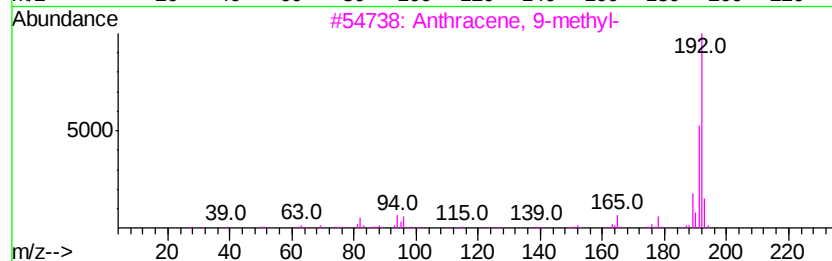
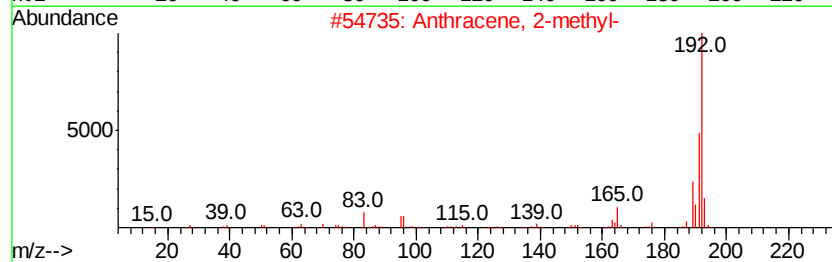
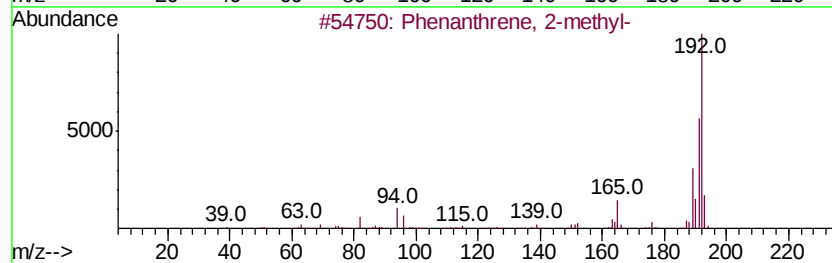
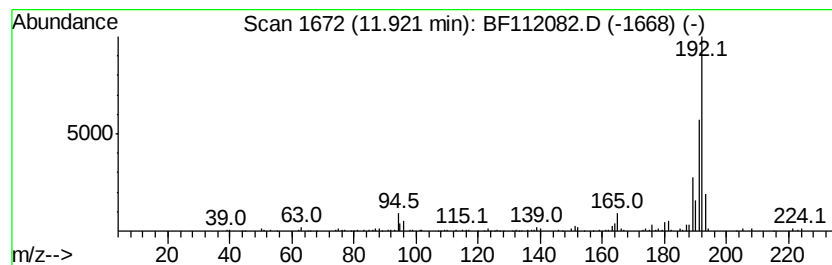
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	3.39 ng	395611	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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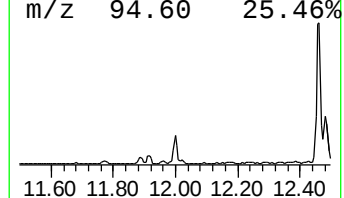
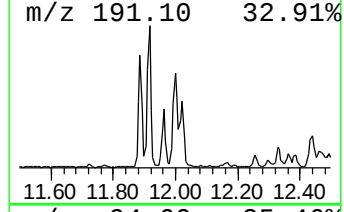
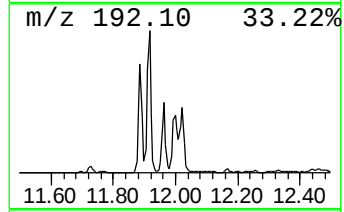
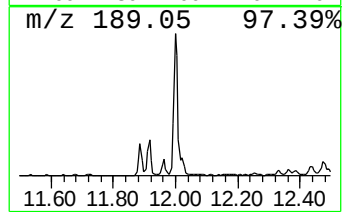
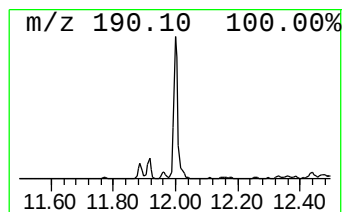
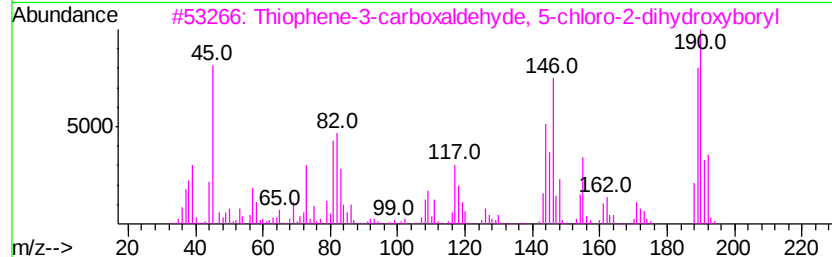
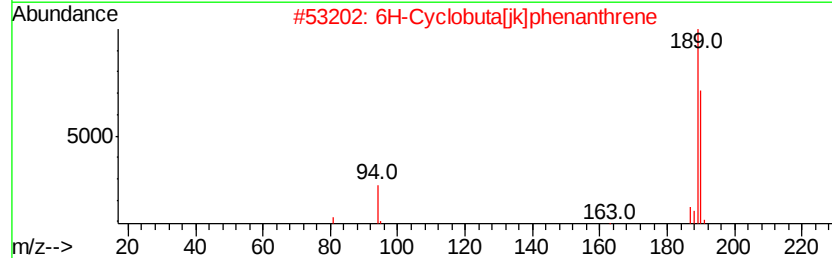
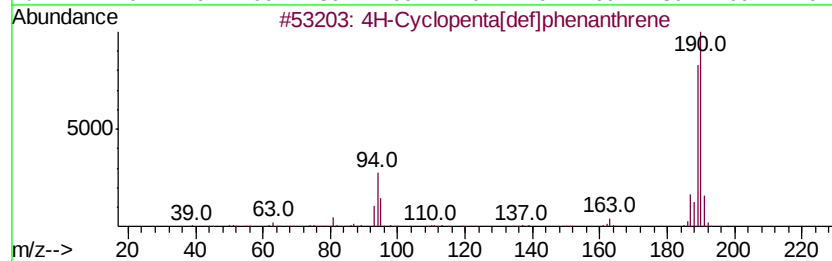
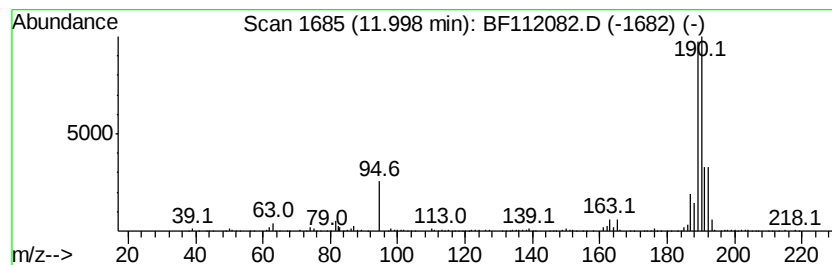
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	5.66 ng	660034	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



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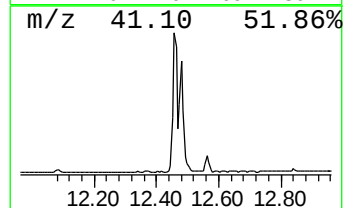
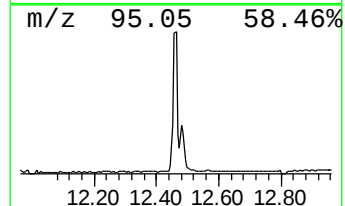
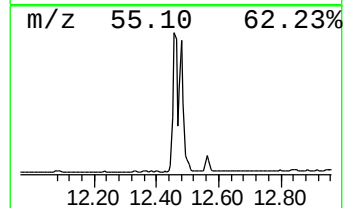
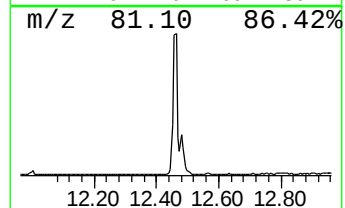
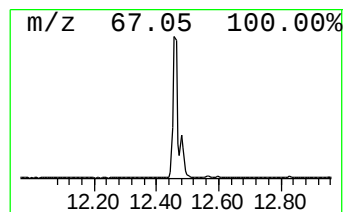
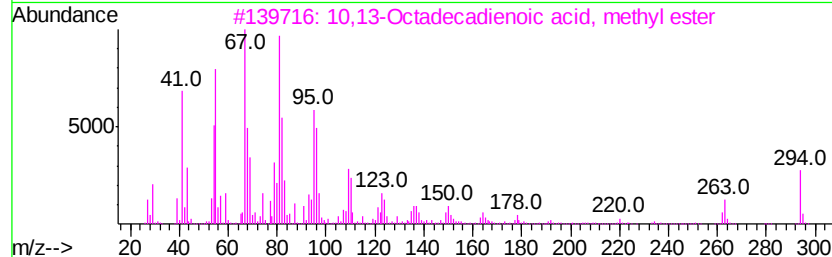
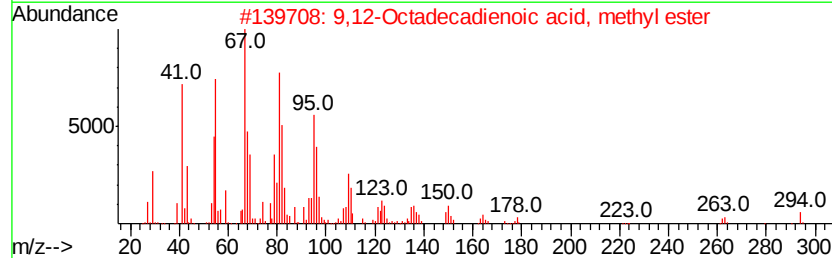
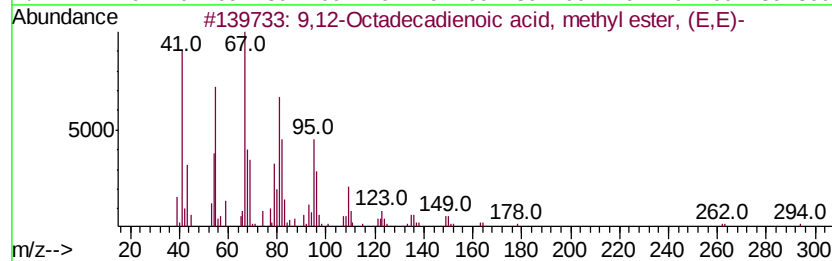
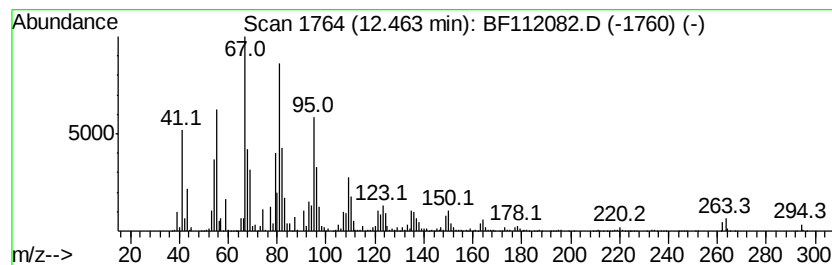
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 BNA_F
 ClientSampleId :
 EO-01-011518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.46	29.20 ng	3405740	Phenanthrene-d10	11.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112082.D
Acq On : 17 Jan 2019 12:02
Operator : JU/SJ
Sample : K1012-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-A

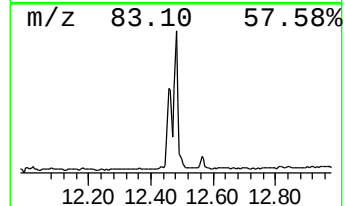
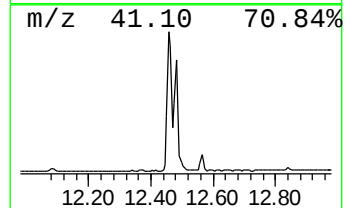
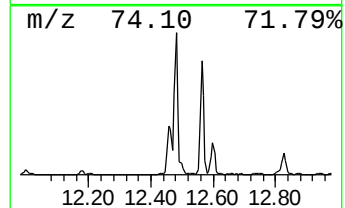
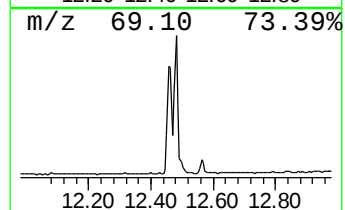
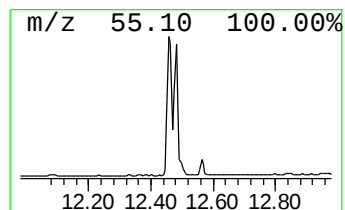
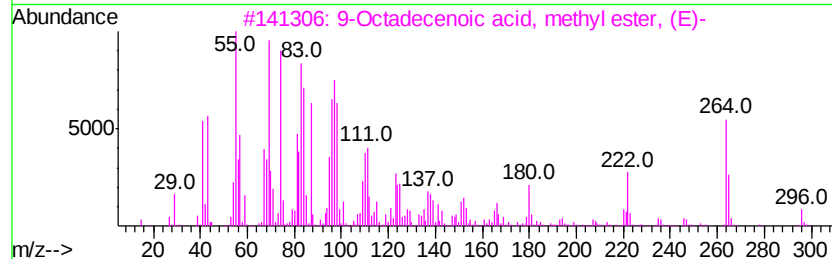
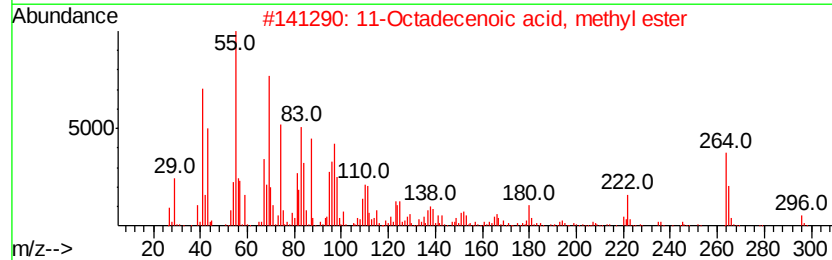
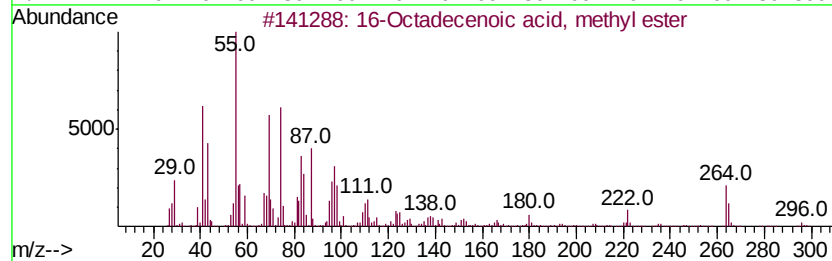
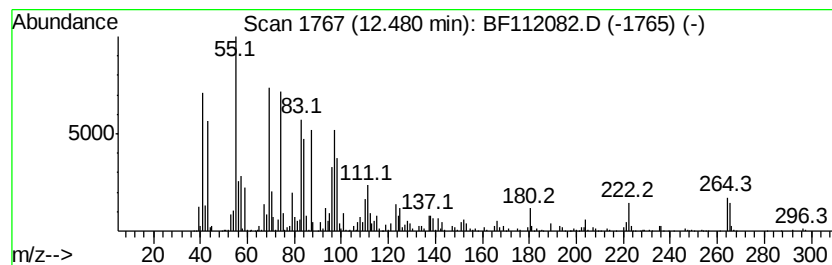
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	21.03 ng	2453240	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
2		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
3		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	91
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
5		11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112082.D
Acq On : 17 Jan 2019 12:02
Operator : JU/SJ
Sample : K1012-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

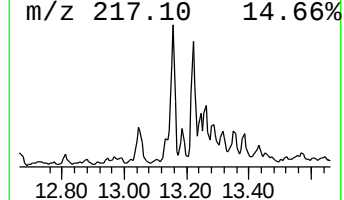
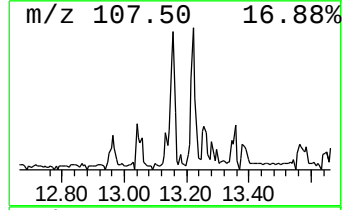
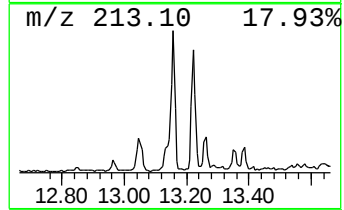
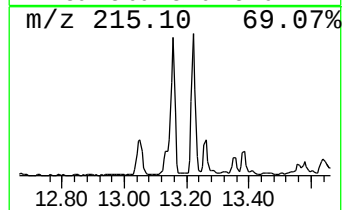
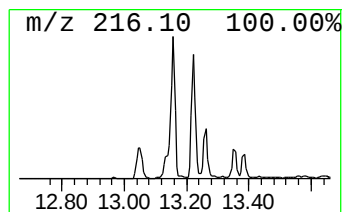
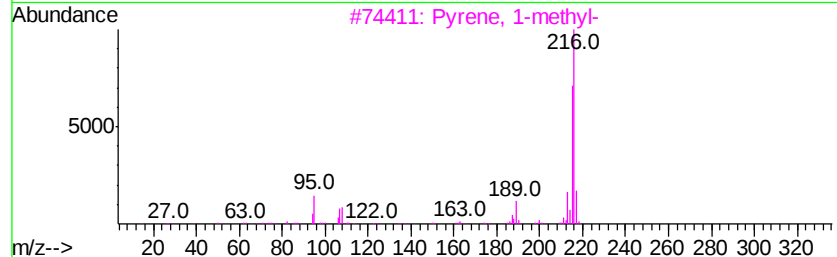
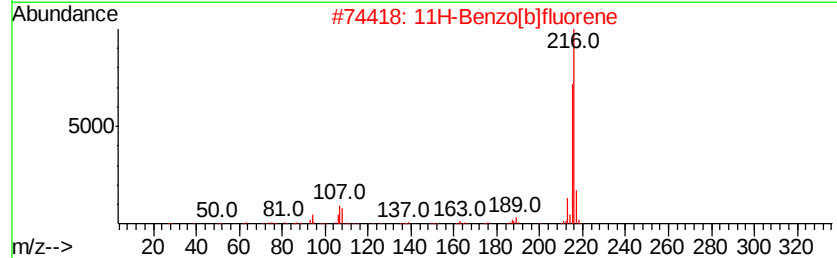
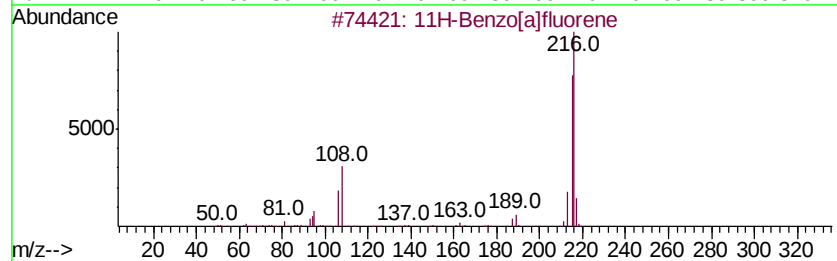
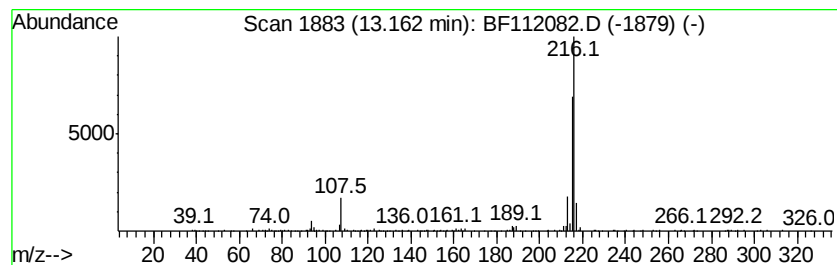
Instrument :
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ClientSampleId :
EO-01-011518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.79 ng	481843	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 87
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 87
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112082.D
Acq On : 17 Jan 2019 12:02
Operator : JU/SJ
Sample : K1012-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

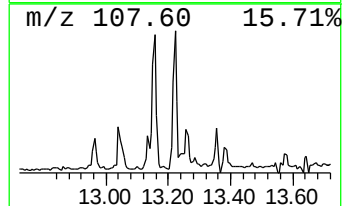
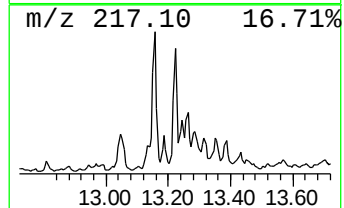
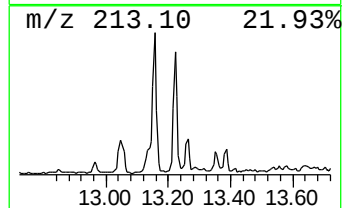
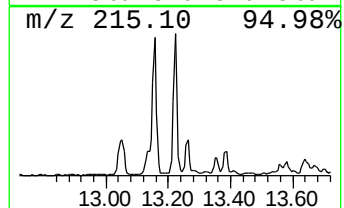
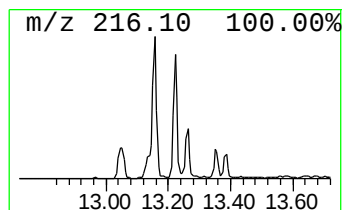
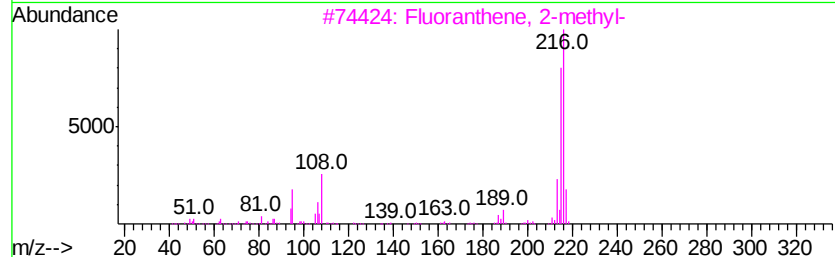
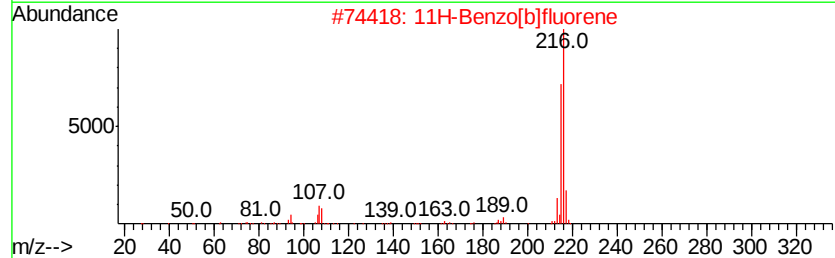
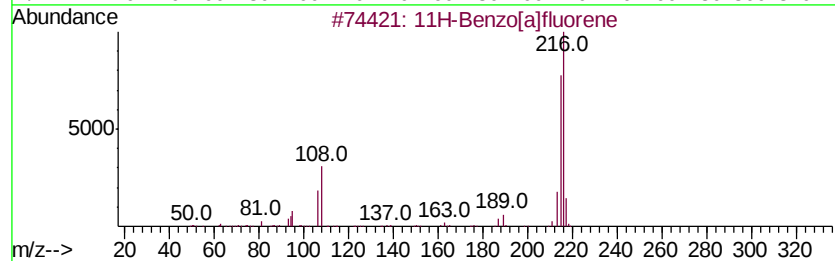
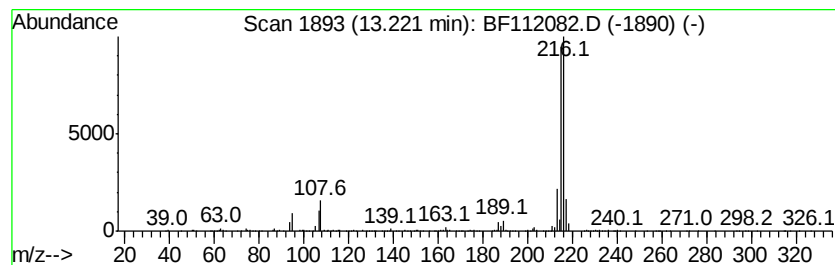
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.32 ng	399670	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 70
4		Pvrene, 1-methyl-	216 C17H12	002381-21-7 58
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216 C12H12N2O2	312531-88-7 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112082.D
Acq On : 17 Jan 2019 12:02
Operator : JU/SJ
Sample : K1012-07 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-011518-A

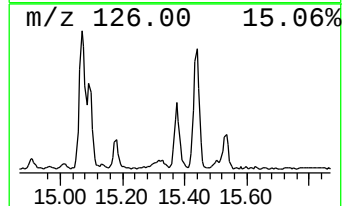
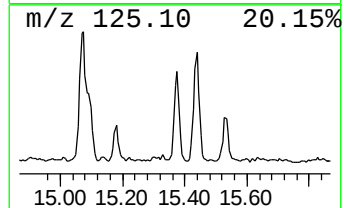
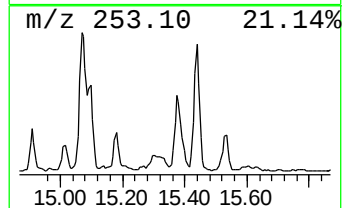
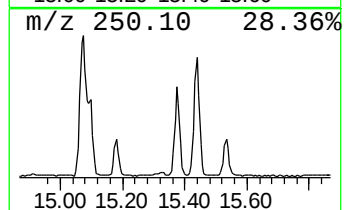
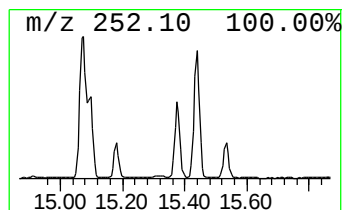
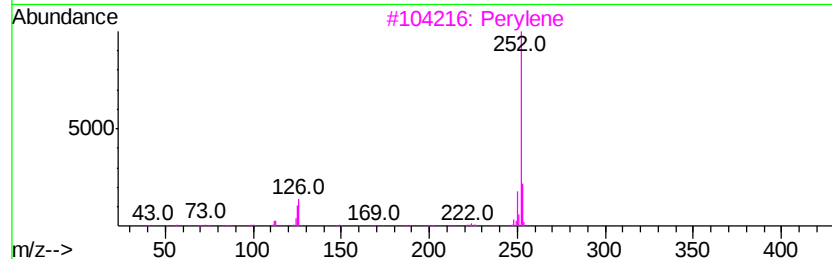
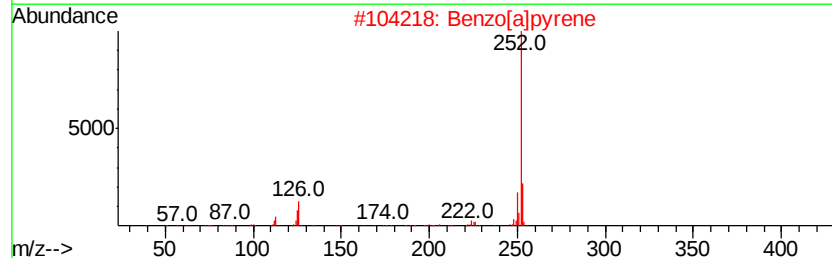
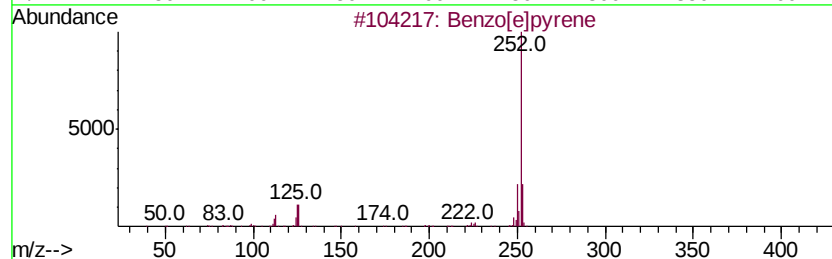
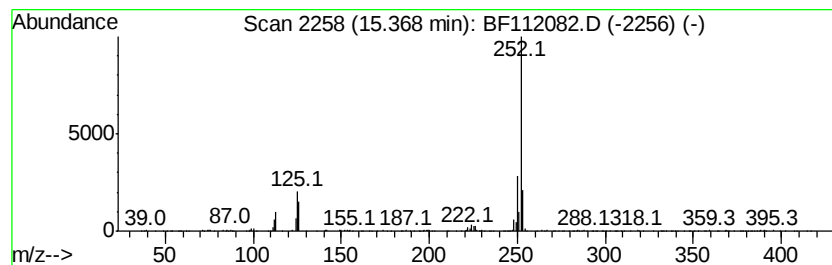
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.75 ng	628554	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[il]fluoranthene	252	C20H12	000205-82-3	90
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112082.D
 Acq On : 17 Jan 2019 12:02
 Operator : JU/SJ
 Sample : K1012-07 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-011518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
unknown6.63	6.63	7.5	ng	634010	1	6.86	1689330	20.0
Tridecane	8.73	2.3	ng	288332	2	8.15	2534360	20.0
Tetradecane	9.30	3.3	ng	426342	3	9.90	2576680	20.0
Pentadecane, 8-he...	11.25	2.1	ng	241963	4	11.39	2332680	20.0
Naphtho[1,2-b]thi...	11.28	2.4	ng	273567	4	11.39	2332680	20.0
Hexadecanoic acid...	11.77	8.3	ng	966516	4	11.39	2332680	20.0
Anthracene, 2-met...	11.89	2.3	ng	268727	4	11.39	2332680	20.0
Phenanthrene, 2-m...	11.92	3.4	ng	395611	4	11.39	2332680	20.0
4H-Cyclopenta[def...	12.00	5.7	ng	660034	4	11.39	2332680	20.0
9,12-Octadecadien...	12.46	29.2	ng	3405740	4	11.39	2332680	20.0
16-Octadecenoic a...	12.48	21.0	ng	2453240	4	11.39	2332680	20.0
11H-Benzo[a]fluorene	13.16	2.8	ng	481843	5	14.03	3451660	20.0
11H-Benzo[b]fluorene	13.22	2.3	ng	399670	5	14.03	3451660	20.0
Benzo[e]pyrene	15.37	5.8	ng	628554	6	15.50	2185780	20.0