

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113212.D
 Acq On : 21 Mar 2019 16:58
 Operator : JU/SJ
 Sample : K1694-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-032019-B

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-BF022719.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	5.334	549	552	561	rBV	185225	201052	13.56%	1.143%
2	5.975	658	661	668	rBV2	24768	29503	1.99%	0.168%
3	6.263	706	710	712	rBV3	18282	22535	1.52%	0.128%
4	6.363	724	727	736	rBV	221082	260874	17.59%	1.483%
5	6.492	746	749	757	rVV	311021	273517	18.45%	1.555%
6	6.569	757	762	767	rVB	86378	80444	5.43%	0.457%
7	6.722	784	788	791	rBV	918925	756146	50.99%	4.298%
8	6.786	796	799	803	rVB3	23978	27844	1.88%	0.158%
9	6.875	811	814	819	rBV	237662	220931	14.90%	1.256%
10	7.010	833	837	840	rVV3	28739	34452	2.32%	0.196%
11	7.045	840	843	845	rVB2	27104	25771	1.74%	0.146%
12	7.122	853	856	859	rBV	54311	45452	3.07%	0.258%
13	7.281	874	883	889	rBV	146491	220498	14.87%	1.253%
14	7.333	889	892	895	rVV	117474	106100	7.16%	0.603%
15	7.375	895	899	903	rVB4	22535	35440	2.39%	0.201%
16	7.533	922	926	930	rVB3	35810	48366	3.26%	0.275%
17	7.633	937	943	944	rBV4	27063	38323	2.58%	0.218%
18	7.769	964	966	970	rVB2	24465	25837	1.74%	0.147%
19	7.845	975	979	982	rVB4	23786	32377	2.18%	0.184%
20	8.004	1002	1006	1014	rBV	1329556	1211582	81.71%	6.887%
21	8.080	1017	1019	1021	rVB	42265	34007	2.29%	0.193%
22	8.180	1030	1036	1038	rBV6	13235	21497	1.45%	0.122%
23	8.304	1052	1057	1060	rBV5	31522	44948	3.03%	0.256%
24	8.363	1064	1067	1069	rBV2	23050	21486	1.45%	0.122%
25	8.392	1069	1072	1076	rVB2	26445	24953	1.68%	0.142%
26	8.439	1076	1080	1084	rBV	59647	59472	4.01%	0.338%
27	8.510	1089	1092	1096	rBV3	32900	33201	2.24%	0.189%
28	8.551	1096	1099	1105	rVB7	17935	21797	1.47%	0.124%
29	8.610	1105	1109	1113	rBV	90006	102150	6.89%	0.581%
30	8.816	1141	1144	1151	rVB2	28817	45210	3.05%	0.257%
31	9.033	1178	1181	1185	rVB3	47283	48871	3.30%	0.278%
32	9.080	1185	1189	1194	rBV	334914	332400	22.42%	1.890%
33	9.169	1200	1204	1208	rBV	85587	84166	5.68%	0.478%
34	9.345	1231	1234	1239	rVB4	20386	28820	1.94%	0.164%

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Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.416	1243	1246	1249	rBV	40166	41801	2.82%	0.238%
36	9.445	1249	1251	1253	rVB2	27967	21509	1.45%	0.122%
37	9.475	1253	1256	1257	rBV2	34883	36665	2.47%	0.208%
38	9.533	1264	1266	1271	rVB3	22272	35342	2.38%	0.201%
39	9.616	1278	1280	1287	rVB	51473	48977	3.30%	0.278%
40	9.698	1292	1294	1298	rVV	54165	43400	2.93%	0.247%
41	9.757	1298	1304	1307	rVV	1268616	1181473	79.68%	6.716%
42	9.786	1307	1309	1319	rVV	68194	94423	6.37%	0.537%
43	9.963	1336	1339	1342	rBV	48251	45245	3.05%	0.257%
44	10.074	1353	1358	1361	rBV4	20125	24849	1.68%	0.141%
45	10.192	1375	1378	1383	rVB3	43462	48251	3.25%	0.274%
46	10.304	1393	1397	1402	rVB	82874	87237	5.88%	0.496%
47	10.416	1413	1416	1420	rVV3	32213	32594	2.20%	0.185%
48	10.463	1420	1424	1427	rVB3	22607	27183	1.83%	0.155%
49	10.539	1433	1437	1442	rBV	215053	239546	16.16%	1.362%
50	10.669	1455	1459	1466	rVB	58523	74596	5.03%	0.424%
51	10.851	1485	1490	1492	rBV2	33313	39578	2.67%	0.225%
52	10.874	1492	1494	1498	rVV2	27725	31783	2.14%	0.181%
53	10.927	1500	1503	1506	rVB3	21616	22573	1.52%	0.128%
54	11.116	1532	1535	1536	rBV	33732	27427	1.85%	0.156%
55	11.133	1536	1538	1545	rVB2	40407	54219	3.66%	0.308%
56	11.233	1551	1555	1558	rBV	1191184	1171105	78.98%	6.657%
57	11.257	1558	1559	1564	rVV	477987	331203	22.34%	1.883%
58	11.310	1565	1568	1572	rVV	120713	113593	7.66%	0.646%
59	11.539	1603	1607	1609	rBV2	31154	33290	2.25%	0.189%
60	11.563	1609	1611	1618	rVB2	24723	30078	2.03%	0.171%
61	11.633	1620	1623	1631	rVB	427937	382176	25.77%	2.173%
62	11.739	1637	1641	1643	rBV	78642	81929	5.53%	0.466%
63	11.768	1643	1646	1651	rVB2	133060	132378	8.93%	0.753%
64	11.810	1651	1653	1656	rBV	37175	33164	2.24%	0.189%
65	11.845	1656	1659	1662	rBV	153136	170271	11.48%	0.968%
66	11.945	1673	1676	1678	rBV2	30207	23748	1.60%	0.135%
67	12.033	1688	1691	1694	rBV	46667	50092	3.38%	0.285%
68	12.210	1718	1721	1723	rBV	28204	22108	1.49%	0.126%
69	12.233	1723	1725	1729	rVB2	23902	23466	1.58%	0.133%
70	12.286	1730	1734	1736	rBV	79516	83549	5.63%	0.475%
71	12.315	1736	1739	1741	rVV	1564418	1482789	100.00%	8.429%

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72	12.339	1741	1743	1753	rVB	1131940	1041717	70.25%	5.922%
73	12.445	1758	1761	1764	rVB	595765	542969	36.62%	3.087%
74	12.592	1784	1786	1790	rVB2	26341	27826	1.88%	0.158%
75	12.668	1794	1799	1802	rBV	559360	596220	40.21%	3.389%
76	12.698	1802	1804	1806	rVV3	39228	35628	2.40%	0.203%
77	12.733	1806	1810	1814	rVB2	27603	39472	2.66%	0.224%
78	12.792	1817	1820	1821	rBV2	35058	33162	2.24%	0.189%
79	12.815	1821	1824	1831	rVB	302193	331191	22.34%	1.883%
80	12.892	1833	1837	1841	rBV4	55587	92813	6.26%	0.528%
81	12.974	1848	1851	1853	rBV2	49234	59033	3.98%	0.336%
82	12.998	1853	1855	1858	rVB2	122264	111272	7.50%	0.633%
83	13.063	1862	1866	1869	rBV	102839	108613	7.32%	0.617%
84	13.104	1869	1873	1877	rBV2	81761	97991	6.61%	0.557%
85	13.192	1886	1888	1891	rVB2	57870	47777	3.22%	0.272%
86	13.227	1891	1894	1898	rBV	54980	64629	4.36%	0.367%
87	13.398	1921	1923	1926	rBV3	20710	22455	1.51%	0.128%
88	13.480	1935	1937	1940	rBV3	27231	37177	2.51%	0.211%
89	13.615	1957	1960	1963	rBV2	44972	46846	3.16%	0.266%
90	13.639	1963	1964	1967	rVV	37041	30819	2.08%	0.175%
91	13.668	1967	1969	1974	rVB2	32012	39319	2.65%	0.224%
92	13.862	1997	2002	2005	rBV2	1033246	1242671	83.81%	7.064%
93	13.892	2005	2007	2010	rVB	220753	188600	12.72%	1.072%
94	14.251	2066	2068	2071	rVB	77815	62255	4.20%	0.354%
95	14.345	2082	2084	2086	rVB2	52731	42336	2.86%	0.241%
96	14.374	2087	2089	2091	rBV2	43965	40452	2.73%	0.230%
97	14.880	2171	2175	2178	rBV	228773	355840	24.00%	2.023%
98	15.156	2219	2222	2228	rVB	129657	161578	10.90%	0.919%
99	15.215	2229	2232	2238	rBV	197318	240265	16.20%	1.366%
100	15.280	2238	2243	2246	rBV	689039	826903	55.77%	4.701%

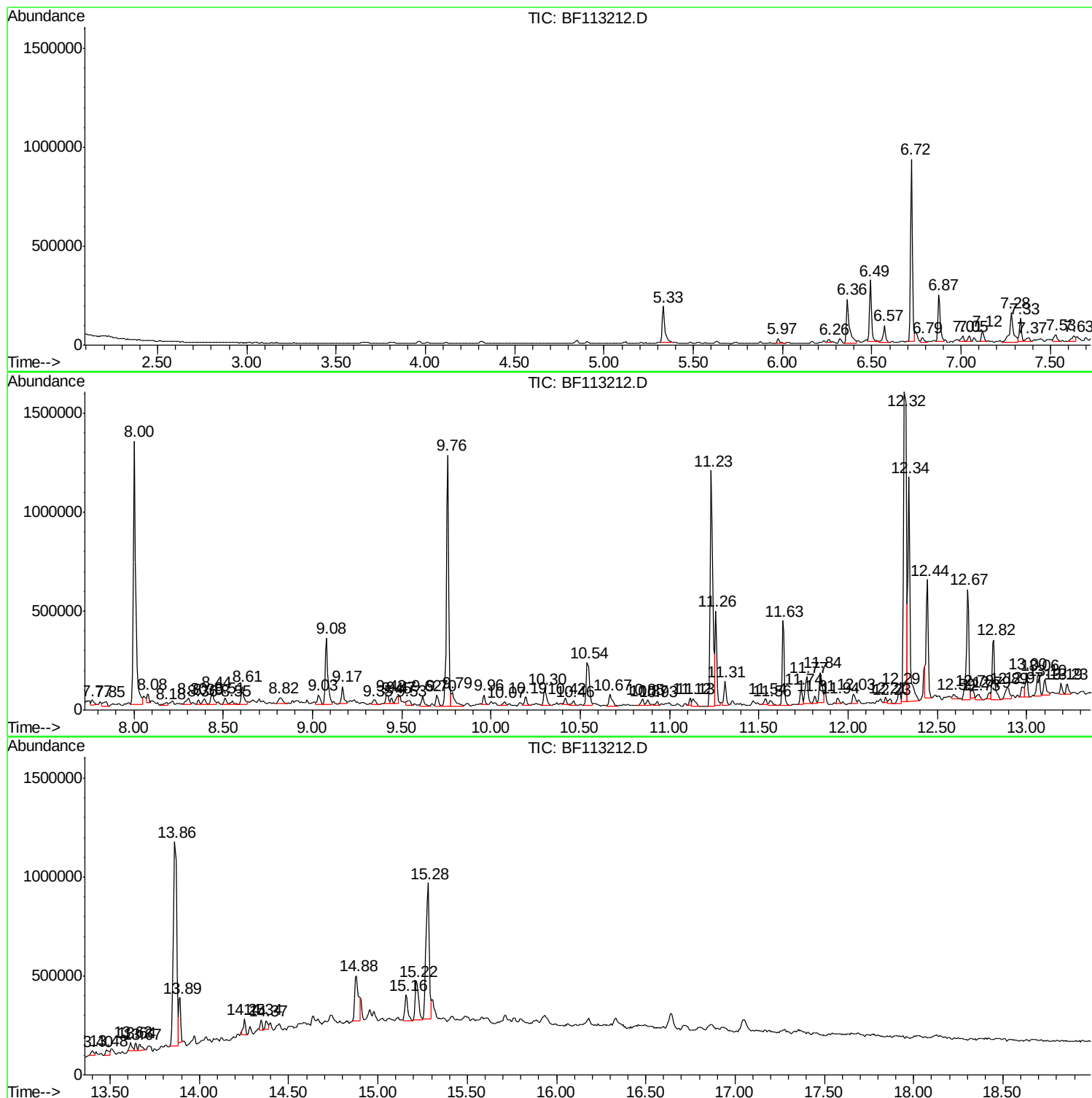
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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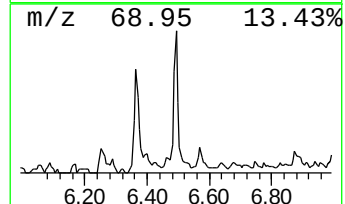
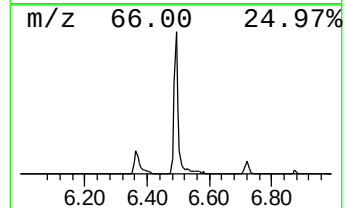
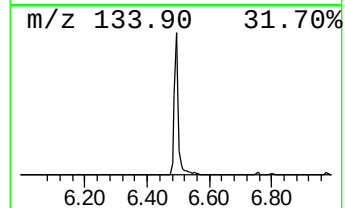
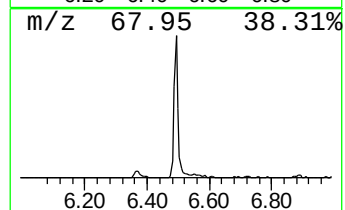
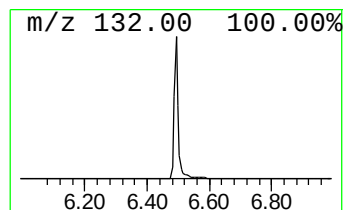
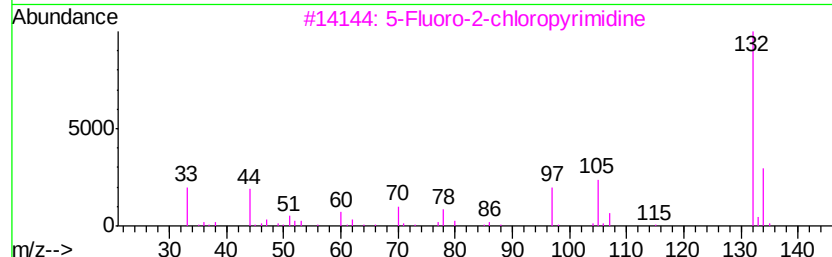
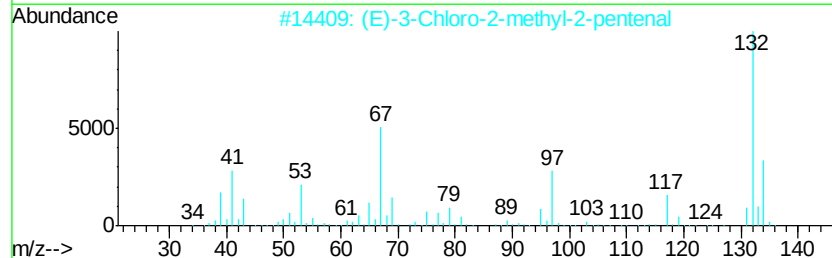
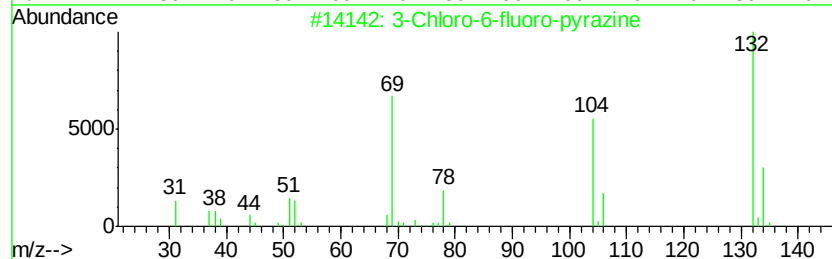
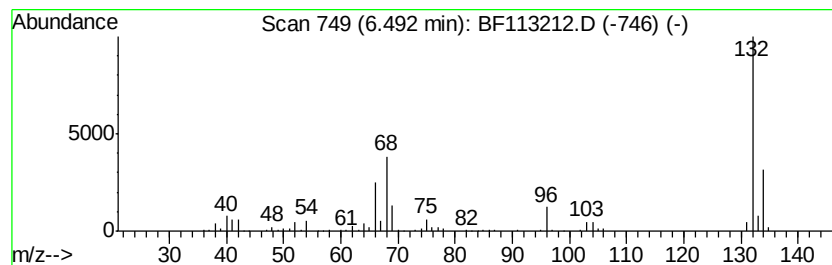
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	7.23 ng	273517	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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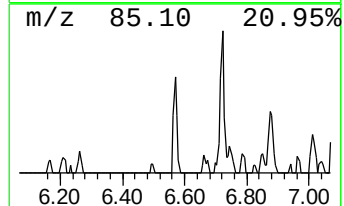
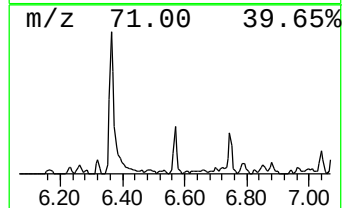
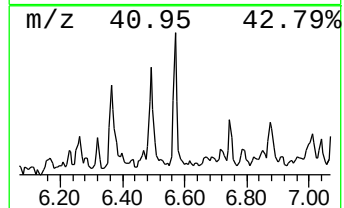
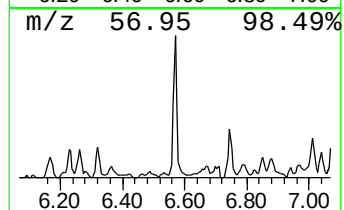
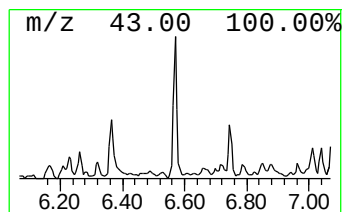
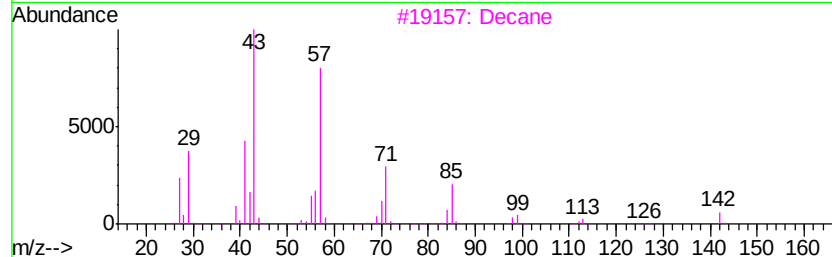
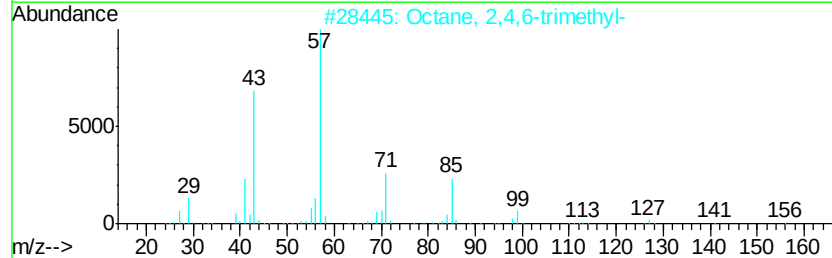
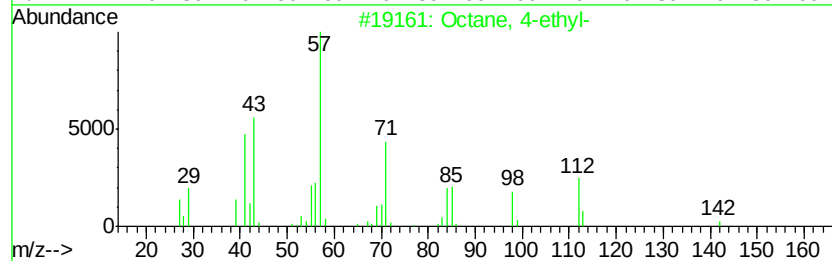
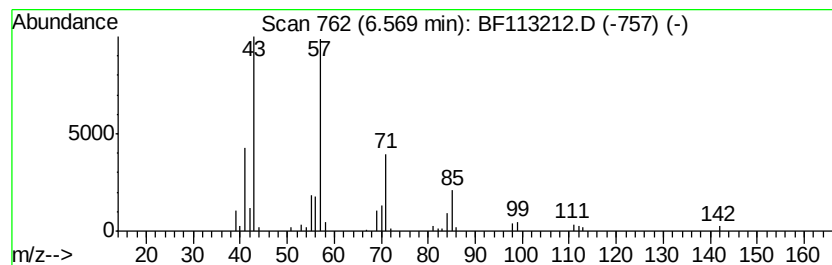
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	2.13 ng	80444	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	83
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
3		Decane	142	C10H22	000124-18-5	72
4		Nonane, 2-methyl-	142	C10H22	000871-83-0	72
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64



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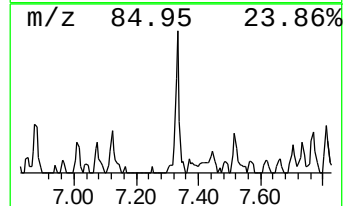
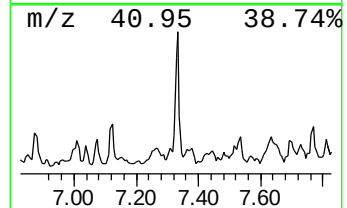
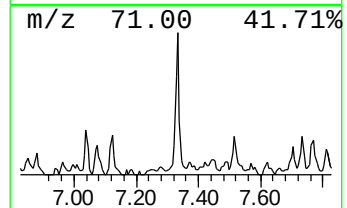
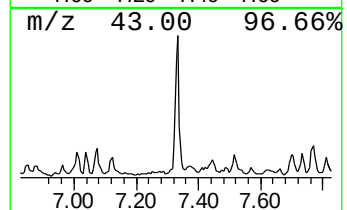
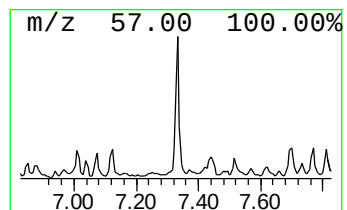
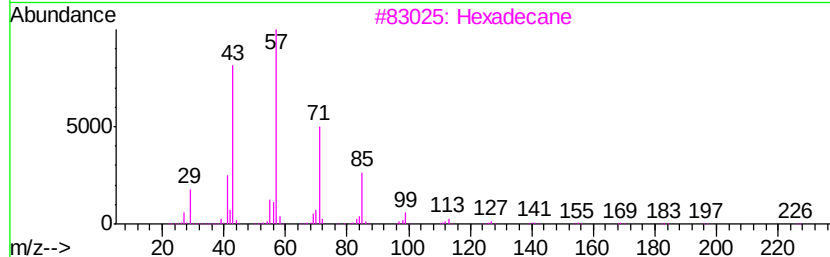
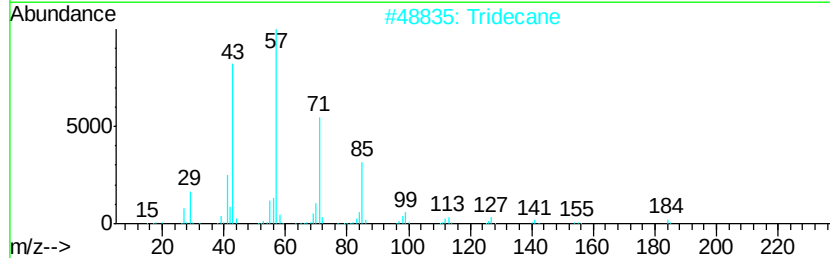
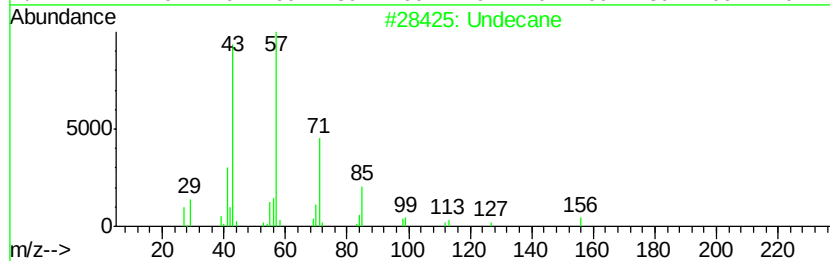
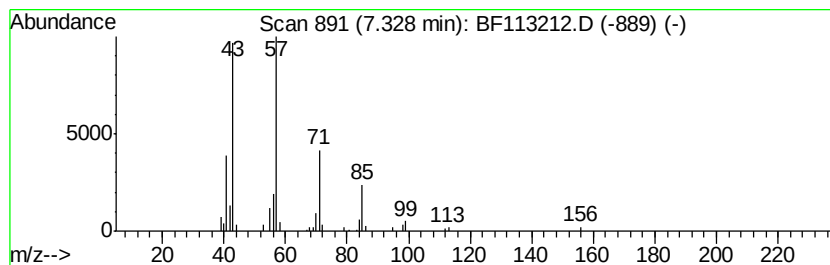
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	2.81 ng	106100	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Tridecane			184	C13H28	000629-50-5	90
3	Hexadecane			226	C16H34	000544-76-3	90
4	Tetradecane			198	C14H30	000629-59-4	90
5	1-Iodo-2-methylnonane			268	C10H21I	1000101-47-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113212.D
Acq On : 21 Mar 2019 16:58
Operator : JU/SJ
Sample : K1694-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-032019-B

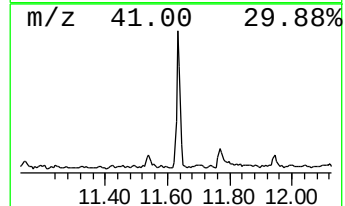
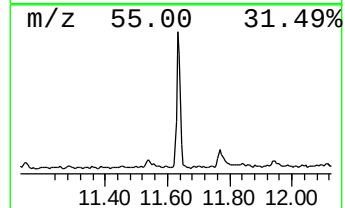
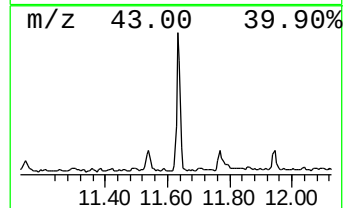
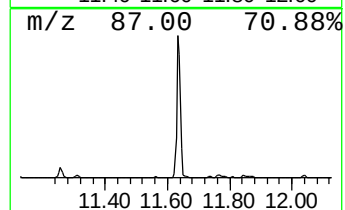
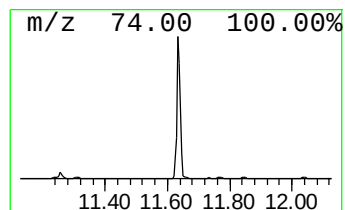
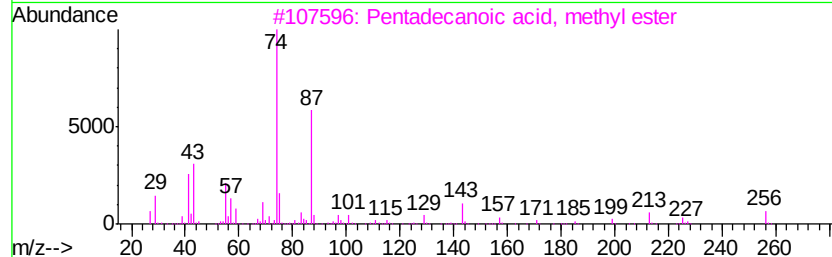
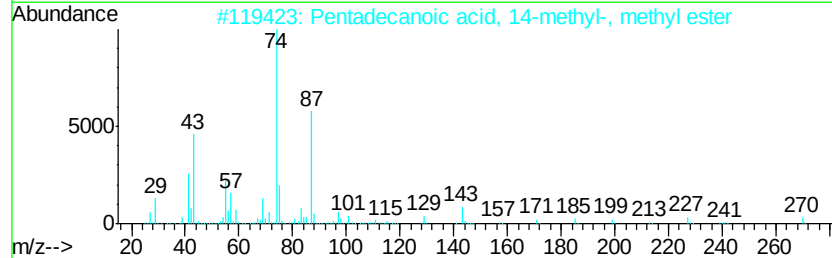
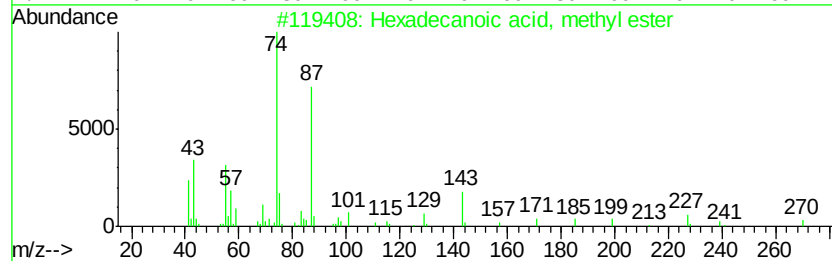
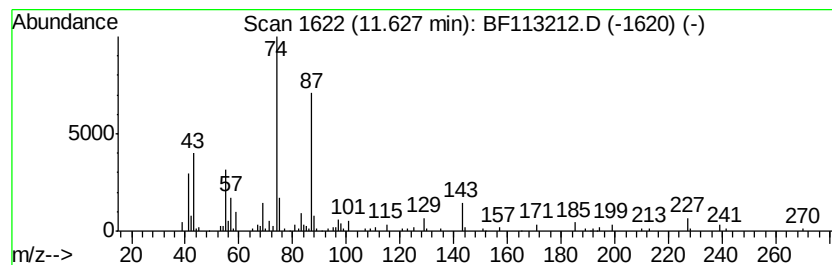
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.53 ng	382176	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113212.D
Acq On : 21 Mar 2019 16:58
Operator : JU/SJ
Sample : K1694-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

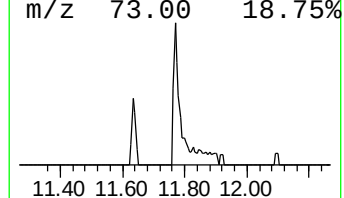
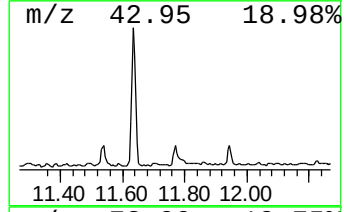
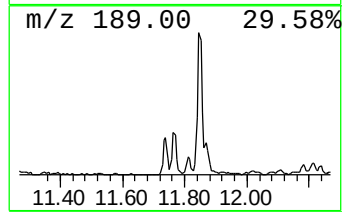
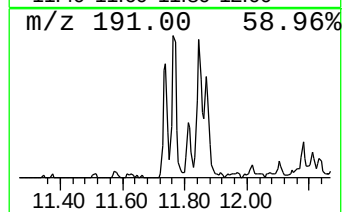
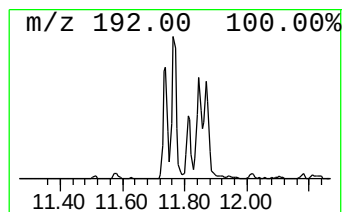
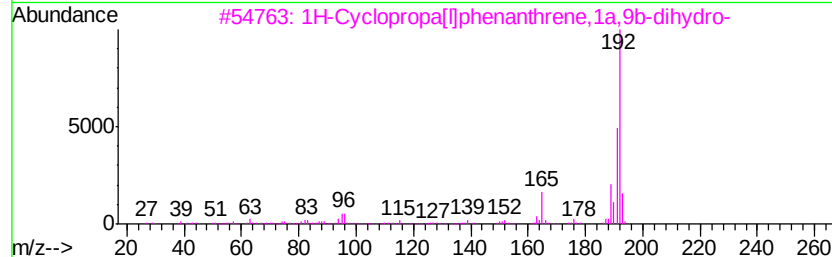
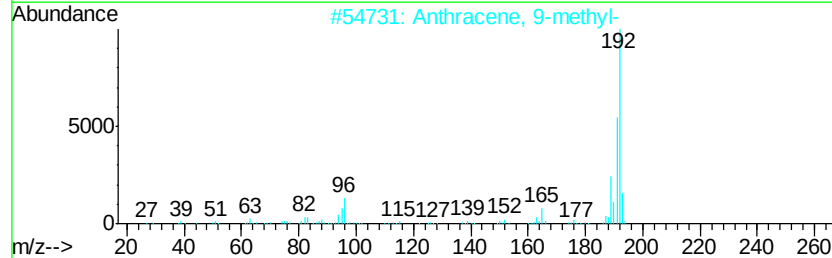
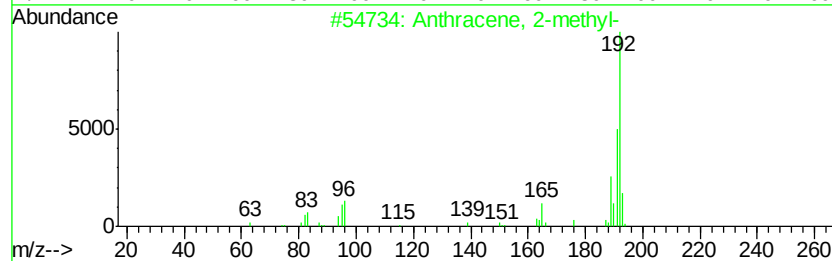
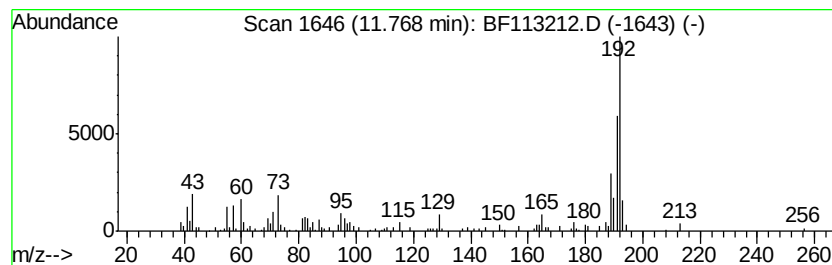
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ClientSampleId :
EO-02-032019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.77	2.26 ng	132378	Phenanthrene-d10	11.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
3		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113212.D
Acq On : 21 Mar 2019 16:58
Operator : JU/SJ
Sample : K1694-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

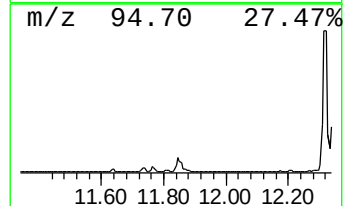
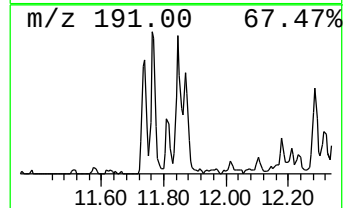
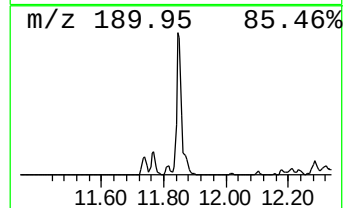
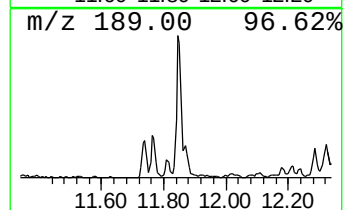
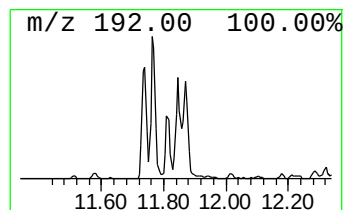
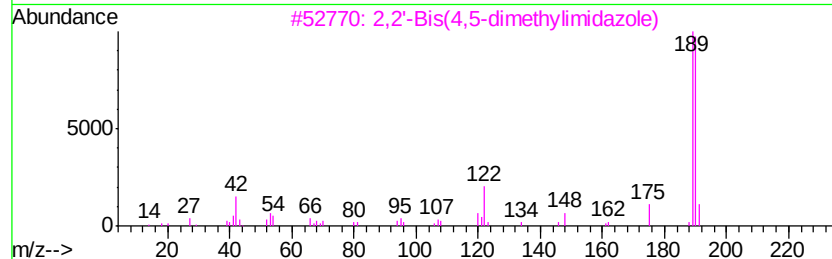
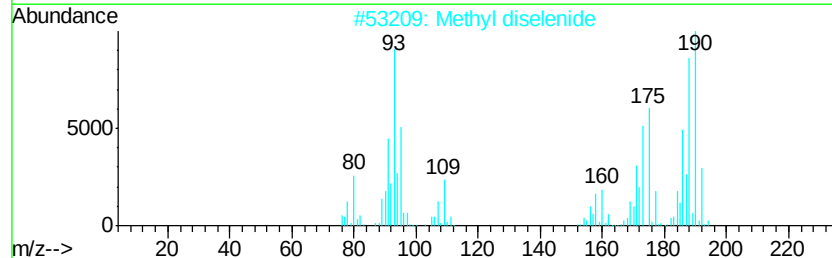
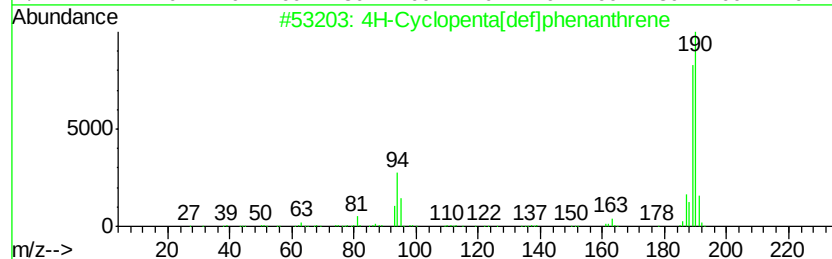
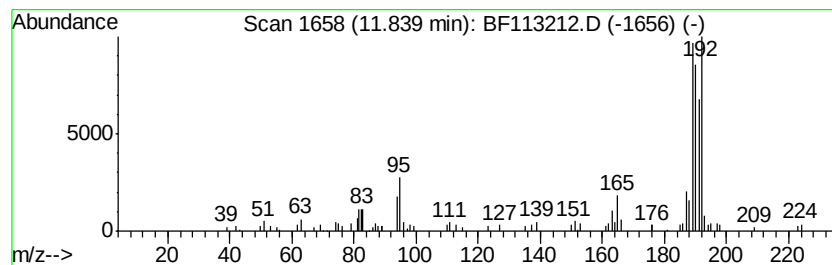
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	2.91 ng	170271	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113212.D
Acq On : 21 Mar 2019 16:58
Operator : JU/SJ
Sample : K1694-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-032019-B

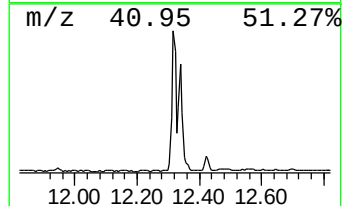
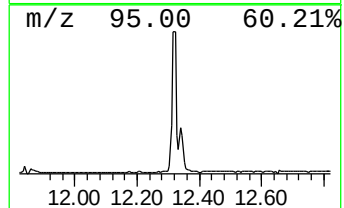
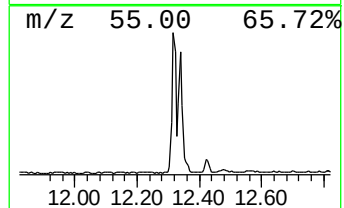
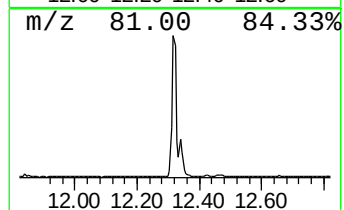
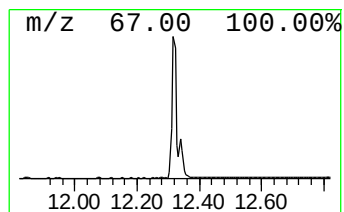
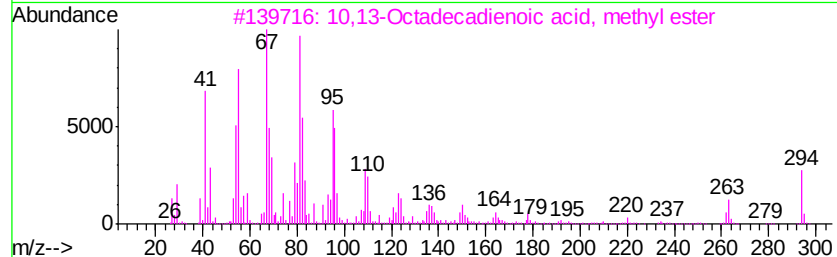
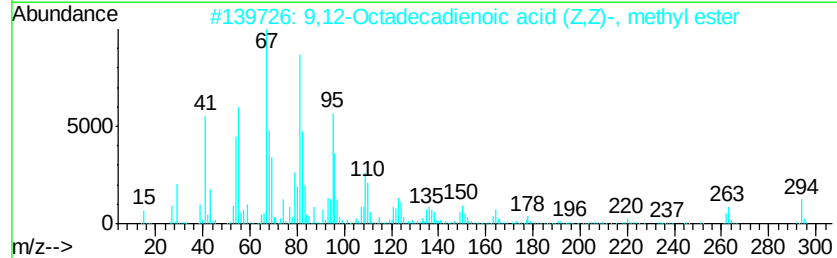
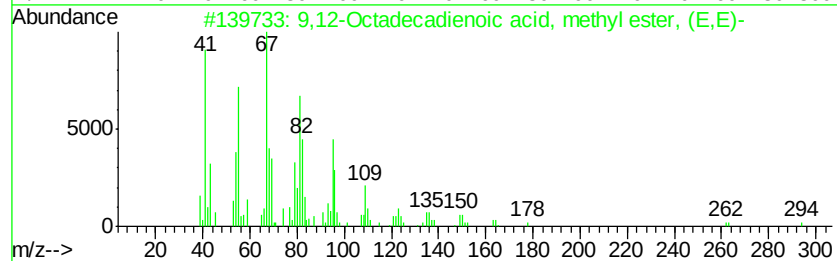
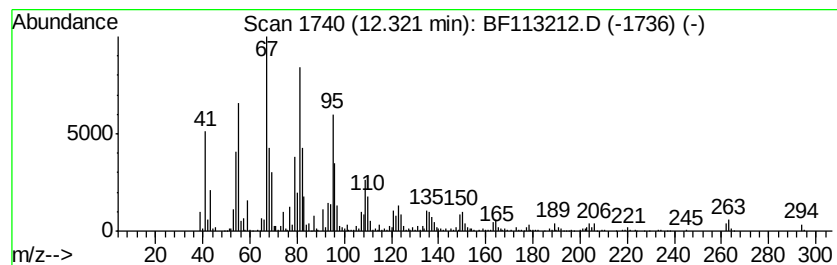
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	25.32 ng	1482790	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113212.D
Acq On : 21 Mar 2019 16:58
Operator : JU/SJ
Sample : K1694-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

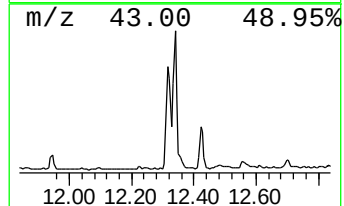
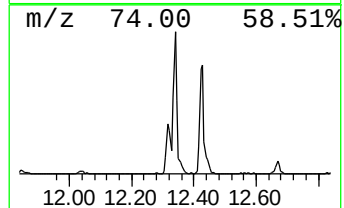
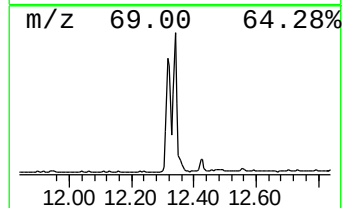
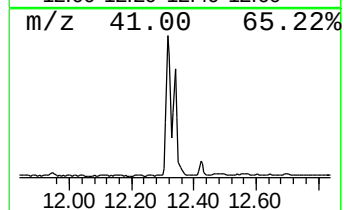
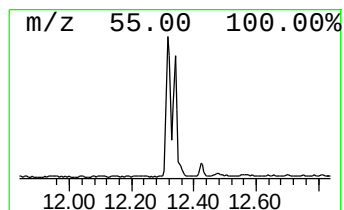
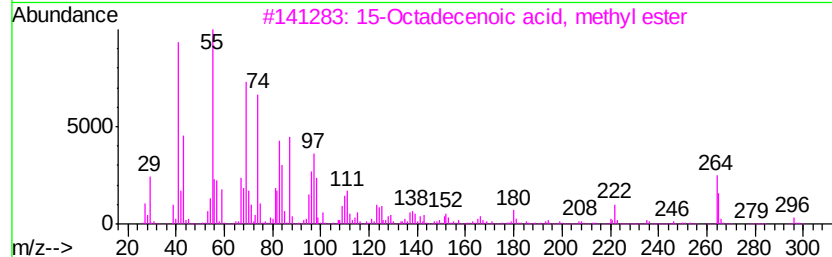
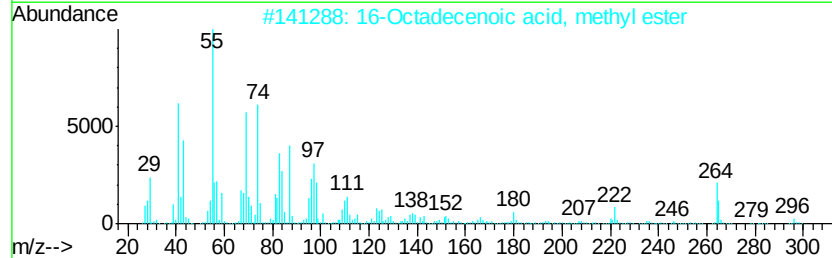
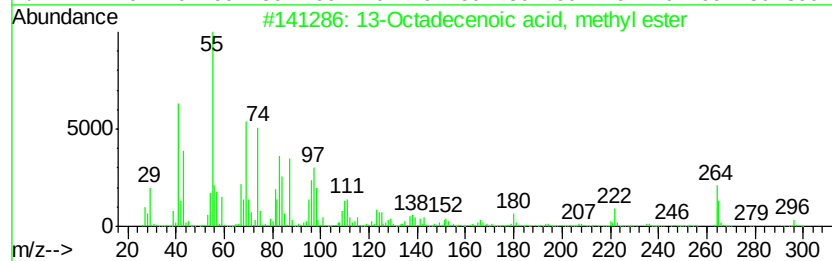
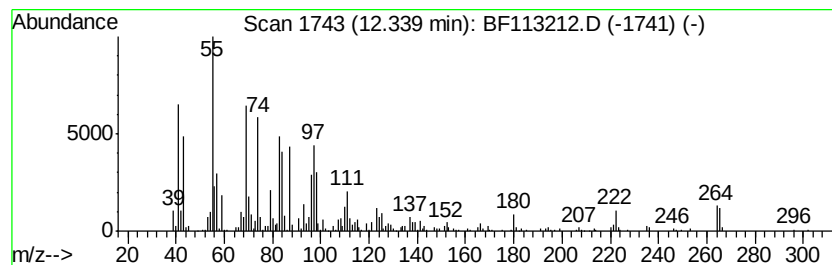
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 13-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	17.79 ng	1041720	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113212.D
Acq On : 21 Mar 2019 16:58
Operator : JU/SJ
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Instrument :
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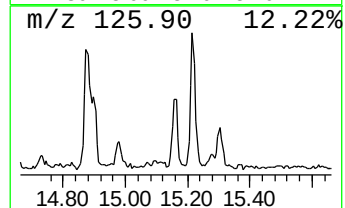
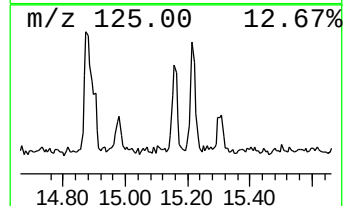
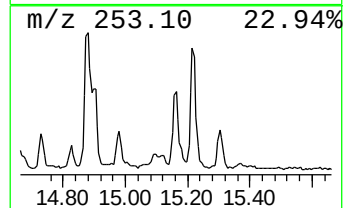
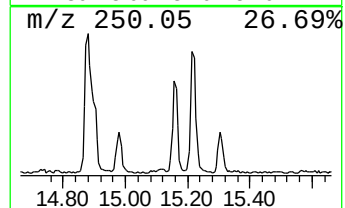
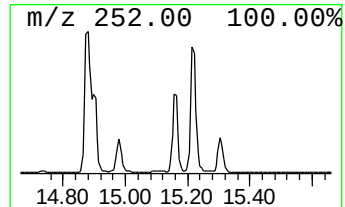
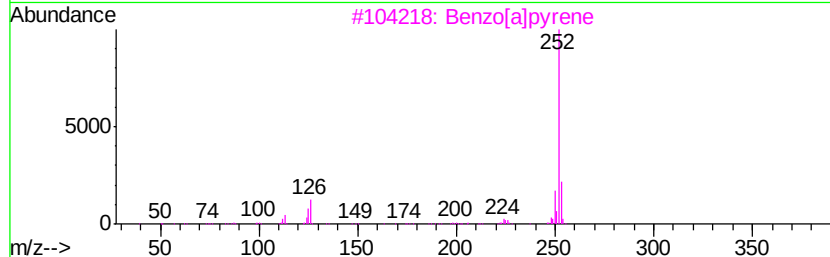
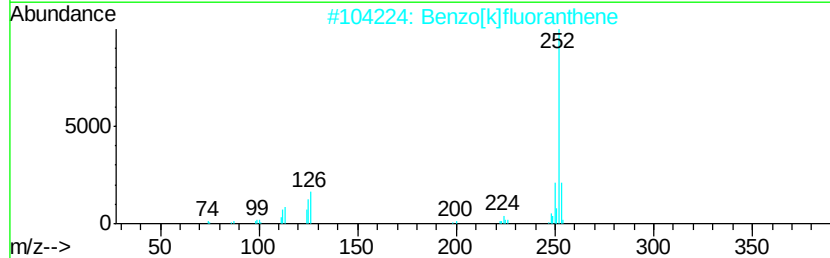
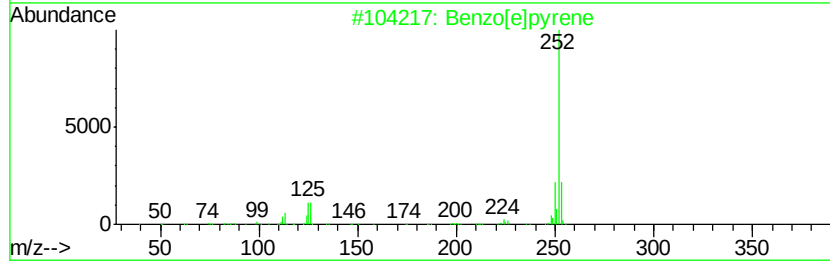
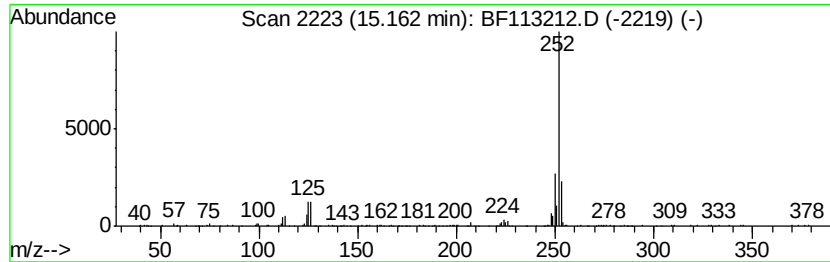
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.91 ng	161578	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113212.D
Acq On : 21 Mar 2019 16:58
Operator : JU/SJ
Sample : K1694-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-032019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
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Octane, 4-ethyl-	6.57	2.1	ng	80444	1	6.72	756146	20.0
Undecane	7.33	2.8	ng	106100	1	6.72	756146	20.0
Hexadecanoic acid...	11.63	6.5	ng	382176	4	11.23	1171110	20.0
Anthracene, 2-met...	11.77	2.3	ng	132378	4	11.23	1171110	20.0
4H-Cyclopenta[def...	11.84	2.9	ng	170271	4	11.23	1171110	20.0
9,12-Octadecadien...	12.32	25.3	ng	1482790	4	11.23	1171110	20.0
13-Octadecenoic a...	12.34	17.8	ng	1041720	4	11.23	1171110	20.0
Benzo[e]pyrene	15.16	3.9	ng	161578	6	15.28	826903	20.0