

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118330.D
 Acq On : 26 Dec 2019 21:40
 Operator : JU
 Sample : K6118-10 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-122319

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-BF122419.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	5.040	498	502	516	rVB	64074	76631	3.17%	0.302%
2	5.463	571	574	590	rBV	372403	412511	17.09%	1.628%
3	6.481	744	747	761	rBV	413495	477246	19.77%	1.884%
4	6.622	767	771	778	rVB	537996	506351	20.98%	1.999%
5	6.681	778	781	784	rVB2	45835	45658	1.89%	0.180%
6	6.851	806	810	817	rBV	833686	692354	28.68%	2.733%
7	7.004	831	836	843	rBV	473467	439952	18.23%	1.736%
8	7.122	851	856	859	rBV3	35616	42874	1.78%	0.169%
9	7.245	870	877	880	rBV3	30414	40910	1.69%	0.161%
10	7.387	896	901	903	rBV2	29013	36737	1.52%	0.145%
11	7.416	903	906	909	rVV	248272	263534	10.92%	1.040%
12	7.445	909	911	915	rVV	86536	78595	3.26%	0.310%
13	7.498	915	920	923	rVB5	27388	38830	1.61%	0.153%
14	7.657	944	947	950	rVB3	38660	38521	1.60%	0.152%
15	7.875	982	984	987	rBV2	36360	42492	1.76%	0.168%
16	8.116	1023	1025	1026	rVV	127884	98979	4.10%	0.391%
17	8.139	1026	1029	1032	rVV	1077680	957507	39.67%	3.779%
18	8.192	1035	1038	1041	rVB3	55974	67326	2.79%	0.266%
19	8.334	1060	1062	1065	rVB2	34171	33666	1.39%	0.133%
20	8.428	1074	1078	1082	rBV5	48857	63875	2.65%	0.252%
21	8.522	1090	1094	1096	rBV3	27217	35381	1.47%	0.140%
22	8.557	1096	1100	1102	rVB3	43982	37832	1.57%	0.149%
23	8.645	1111	1115	1117	rBV	66634	67179	2.78%	0.265%
24	8.728	1126	1129	1133	rBV2	130386	113272	4.69%	0.447%
25	8.857	1148	1151	1154	rVB	46256	45525	1.89%	0.180%
26	8.963	1163	1169	1173	rBV3	84946	118724	4.92%	0.469%
27	9.086	1187	1190	1195	rBV5	35468	52568	2.18%	0.207%
28	9.157	1200	1202	1204	rBV2	61710	44143	1.83%	0.174%
29	9.216	1208	1212	1216	rBV	670608	601994	24.94%	2.376%
30	9.292	1222	1225	1228	rBV	142338	123735	5.13%	0.488%
31	9.363	1235	1237	1240	rVB2	39804	37786	1.57%	0.149%
32	9.486	1253	1258	1261	rVB3	47329	65582	2.72%	0.259%
33	9.551	1267	1269	1272	rBV2	63404	72797	3.02%	0.287%
34	9.616	1276	1280	1282	rVV4	89304	123090	5.10%	0.486%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.639	1282	1284	1287	rVB2	39950	35936	1.49%	0.142%
36	9.675	1287	1290	1295	rVB3	73435	70456	2.92%	0.278%
37	9.757	1301	1304	1308	rBV	134162	141978	5.88%	0.560%
38	9.822	1312	1315	1320	rVV	142669	133885	5.55%	0.528%
39	9.898	1320	1328	1331	rVV	1264037	1093228	45.29%	4.315%
40	9.939	1331	1335	1338	rVV	650355	596996	24.73%	2.356%
41	10.004	1343	1346	1350	rBV4	34098	44157	1.83%	0.174%
42	10.051	1351	1354	1358	rBV5	28070	52453	2.17%	0.207%
43	10.104	1360	1363	1367	rVB3	63363	73866	3.06%	0.292%
44	10.139	1367	1369	1374	rVB3	67498	75642	3.13%	0.299%
45	10.216	1378	1382	1385	rBV2	67361	86681	3.59%	0.342%
46	10.322	1393	1400	1403	rBV2	158173	187691	7.78%	0.741%
47	10.398	1408	1413	1415	rVB4	26434	36365	1.51%	0.144%
48	10.445	1418	1421	1427	rVB3	78249	108049	4.48%	0.426%
49	10.545	1434	1438	1443	rVB3	70052	114145	4.73%	0.451%
50	10.598	1444	1447	1451	rBV4	30481	37094	1.54%	0.146%
51	10.692	1460	1463	1470	rBV	322999	314763	13.04%	1.242%
52	10.798	1478	1481	1482	rBV	151743	119575	4.95%	0.472%
53	10.904	1494	1499	1502	rBV	339576	269369	11.16%	1.063%
54	10.992	1510	1514	1517	rBV2	57171	78663	3.26%	0.310%
55	11.027	1517	1520	1523	rVB	69290	58853	2.44%	0.232%
56	11.080	1527	1529	1532	rVB2	52017	41346	1.71%	0.163%
57	11.122	1532	1536	1538	rBV4	27960	38057	1.58%	0.150%
58	11.245	1554	1557	1560	rBV	109043	106521	4.41%	0.420%
59	11.280	1560	1563	1569	rVB3	99948	141236	5.85%	0.557%
60	11.392	1578	1582	1584	rBV	1193155	997326	41.31%	3.936%
61	11.416	1584	1586	1590	rVV	449508	371726	15.40%	1.467%
62	11.469	1592	1595	1598	rVV	138759	116141	4.81%	0.458%
63	11.504	1598	1601	1603	rVB3	36821	40233	1.67%	0.159%
64	11.627	1619	1622	1625	rBV3	56618	61870	2.56%	0.244%
65	11.674	1627	1630	1633	rVV2	104614	108879	4.51%	0.430%
66	11.722	1636	1638	1644	rVB	52360	58698	2.43%	0.232%
67	11.780	1644	1648	1651	rBV	788747	669549	27.74%	2.643%
68	11.892	1664	1667	1669	rBV	200126	187948	7.79%	0.742%
69	11.922	1669	1672	1678	rVV	236912	264033	10.94%	1.042%
70	11.974	1678	1681	1683	rVV	83006	80656	3.34%	0.318%
71	12.004	1683	1686	1689	rVV2	256024	307520	12.74%	1.214%

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72	12.027	1689	1690	1694	rVB	150000	125008	5.18%	0.493%
73	12.086	1696	1700	1705	rBV	87204	91161	3.78%	0.360%
74	12.192	1714	1718	1720	rBV	79208	86724	3.59%	0.342%
75	12.339	1738	1743	1746	rBV2	68129	93561	3.88%	0.369%
76	12.374	1746	1749	1751	rVV2	90366	78905	3.27%	0.311%
77	12.398	1751	1753	1756	rVB	59245	46967	1.95%	0.185%
78	12.445	1758	1761	1762	rBV	193504	167780	6.95%	0.662%
79	12.469	1762	1765	1767	rVV	2439140	2318249	96.03%	9.150%
80	12.492	1767	1769	1774	rVV	2829334	2413981	100.00%	9.528%
81	12.539	1774	1777	1780	rVV4	73923	95171	3.94%	0.376%
82	12.574	1780	1783	1786	rVB	338513	271695	11.26%	1.072%
83	12.610	1786	1789	1794	rBV	709785	687964	28.50%	2.715%
84	12.710	1803	1806	1809	rBV2	73311	61888	2.56%	0.244%
85	12.845	1821	1829	1835	rVB	796529	901930	37.36%	3.560%
86	12.898	1835	1838	1841	rVB2	82606	76501	3.17%	0.302%
87	12.980	1848	1852	1855	rBV	701079	599302	24.83%	2.365%
88	13.057	1862	1865	1873	rBV5	113273	210810	8.73%	0.832%
89	13.145	1877	1880	1881	rBV2	93353	106410	4.41%	0.420%
90	13.169	1882	1884	1888	rVB	197017	189534	7.85%	0.748%
91	13.210	1888	1891	1892	rBV2	59532	64529	2.67%	0.255%
92	13.239	1894	1896	1899	rVB	133074	94937	3.93%	0.375%
93	13.274	1899	1902	1905	rBV2	145439	143420	5.94%	0.566%
94	13.368	1915	1918	1921	rBV	130532	107722	4.46%	0.425%
95	13.404	1921	1924	1926	rBV	107086	102423	4.24%	0.404%
96	13.551	1946	1949	1951	rBV2	52838	65703	2.72%	0.259%
97	14.045	2028	2033	2036	rBV2	1255002	1491229	61.77%	5.886%
98	14.074	2036	2038	2040	rVB	286232	240720	9.97%	0.950%
99	15.474	2273	2276	2282	rVB	215456	274015	11.35%	1.082%
100	15.539	2283	2287	2295	rVB	629902	811781	33.63%	3.204%

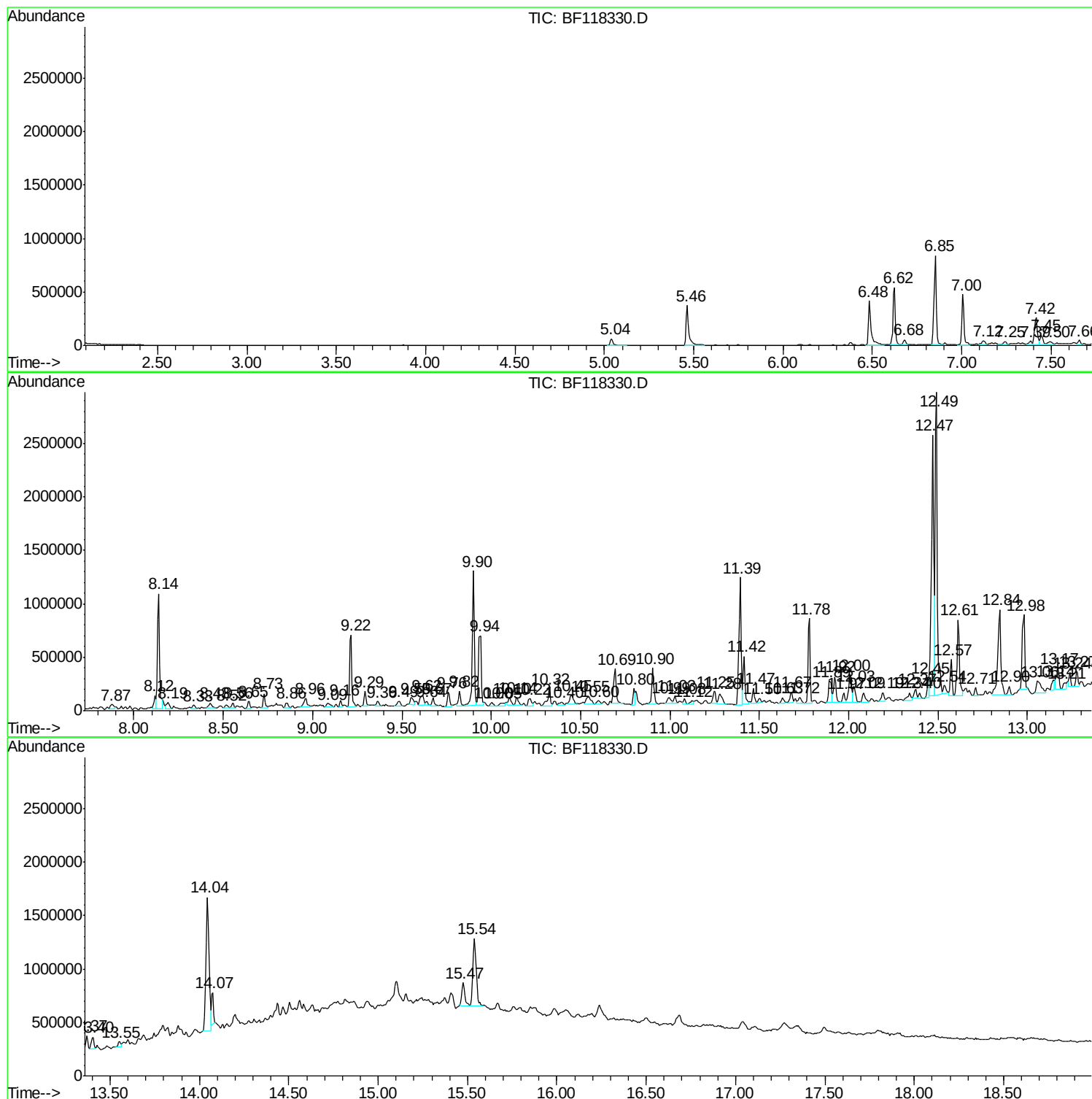
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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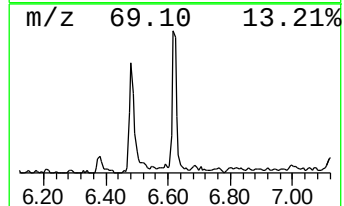
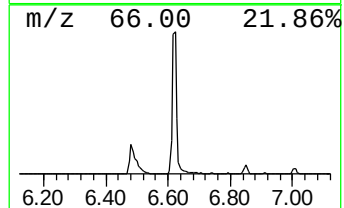
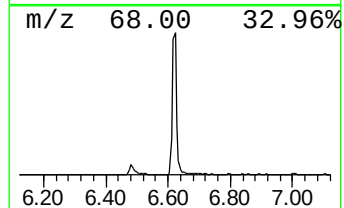
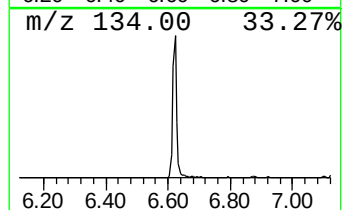
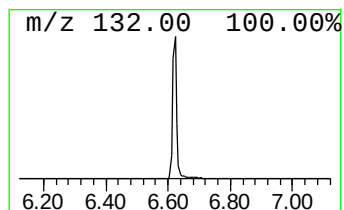
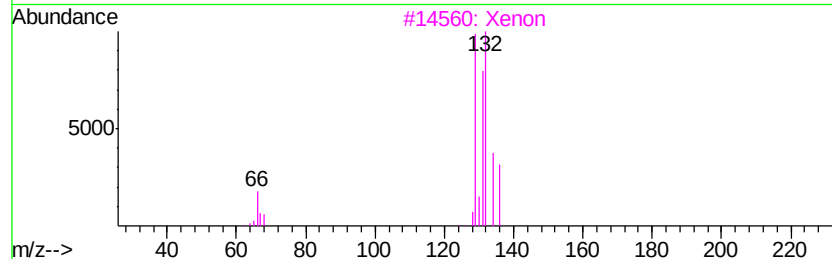
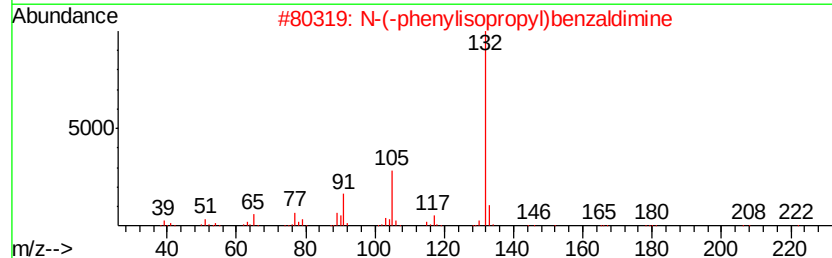
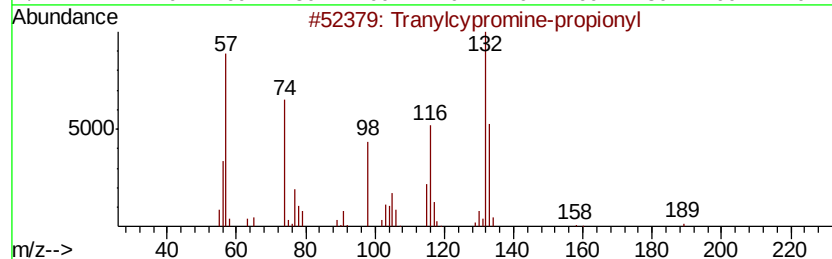
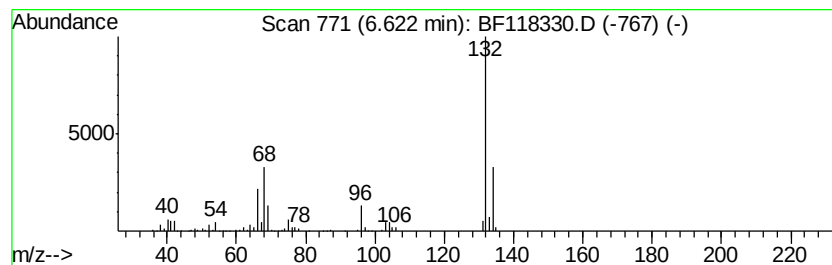
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	14.63 ng	506351	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
2			N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	12
3			Xenon	132	Xe	007440-63-3	9
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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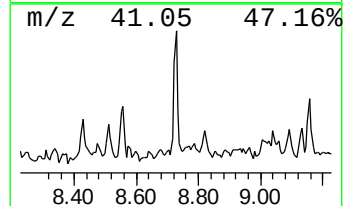
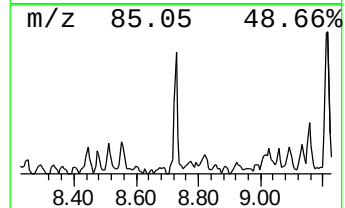
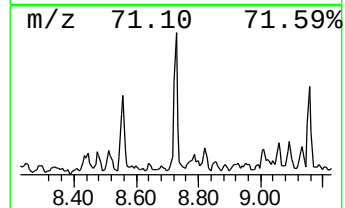
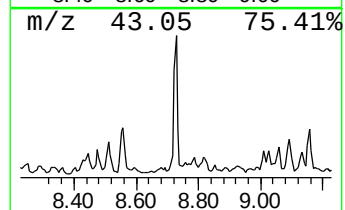
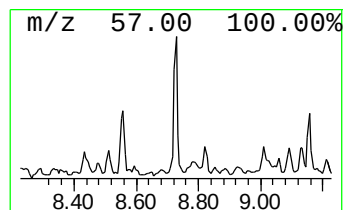
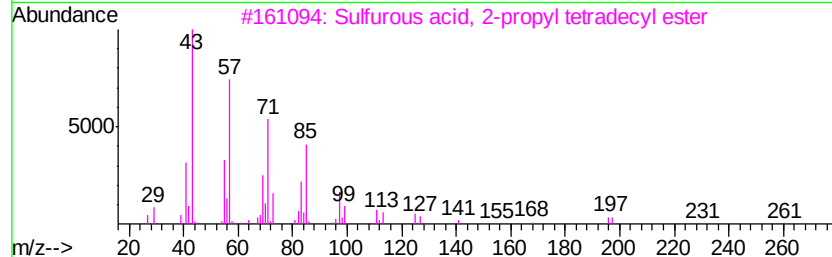
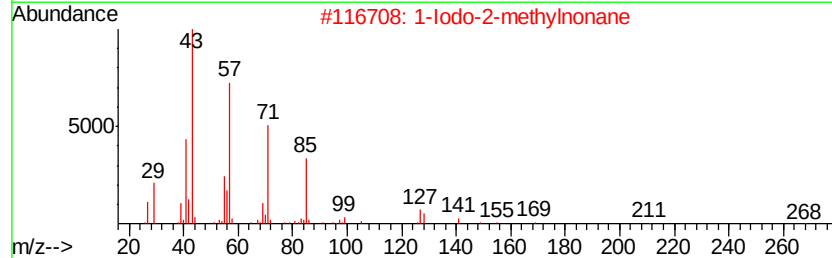
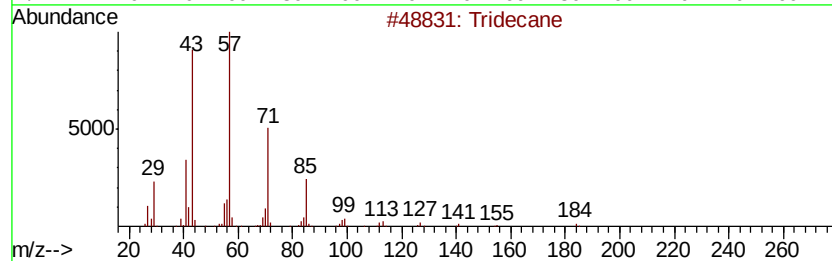
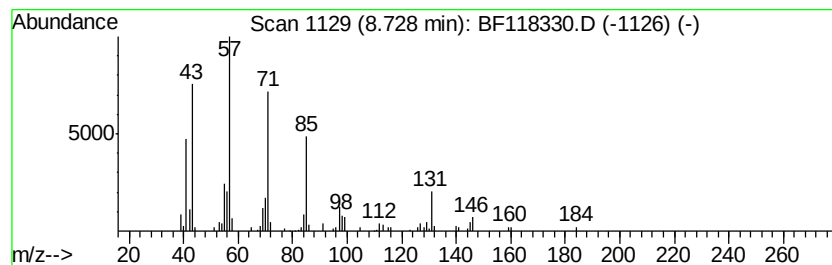
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.73	2.37 ng	113272	Naphthalene-d8	8.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	60
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	58
3	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	53
4	Tetradecane	198	C14H30	000629-59-4	52
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	50



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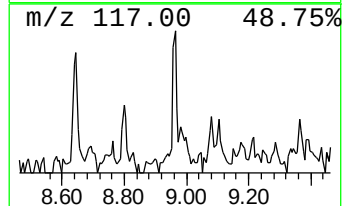
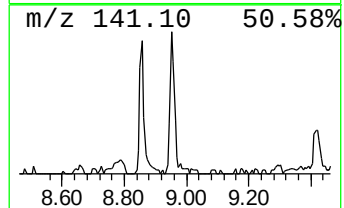
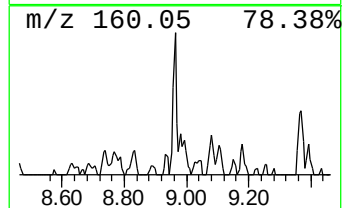
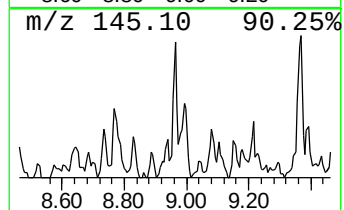
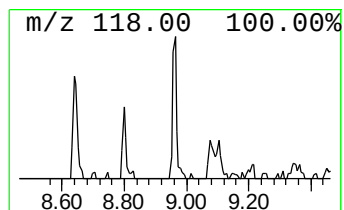
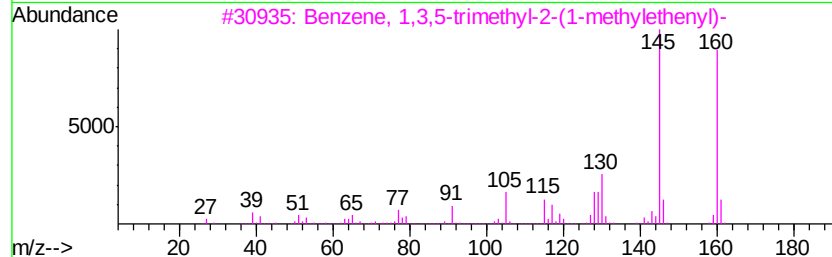
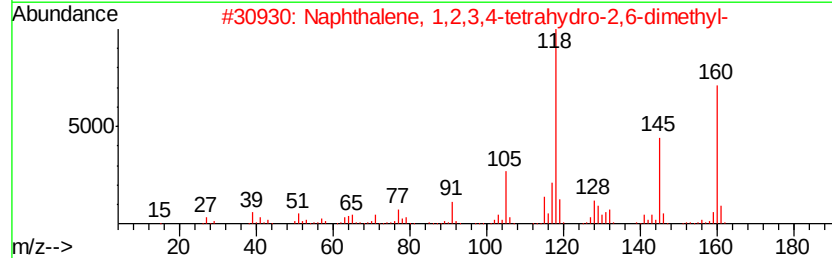
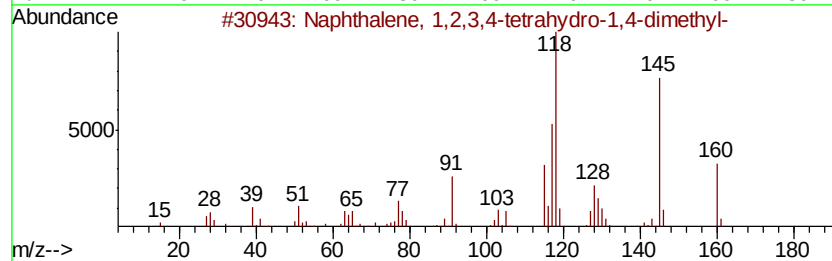
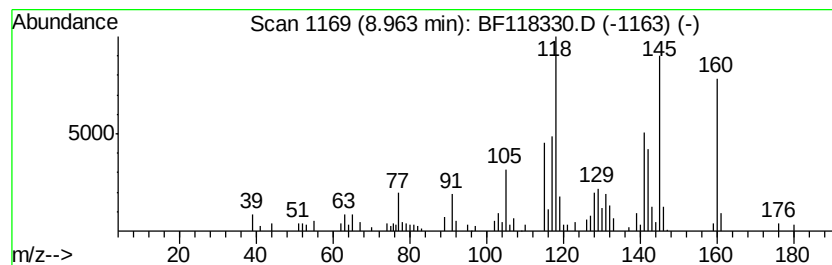
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.48 ng	118724	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	59
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	52



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Data File : BF118330.D
Acq On : 26 Dec 2019 21:40
Operator : JU
Sample : K6118-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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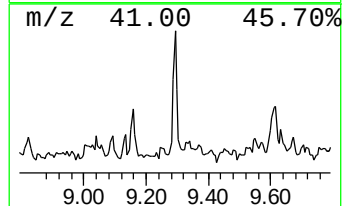
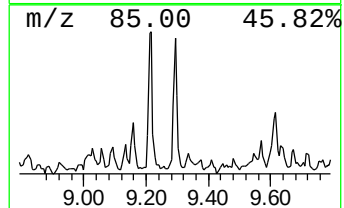
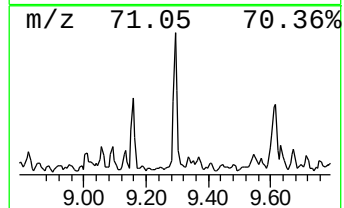
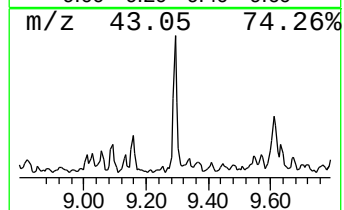
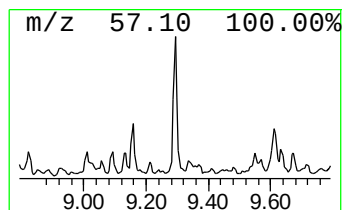
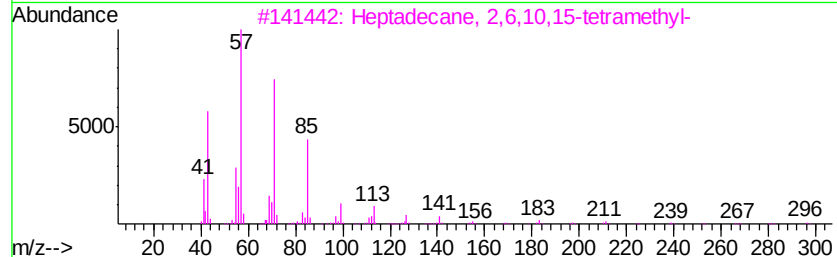
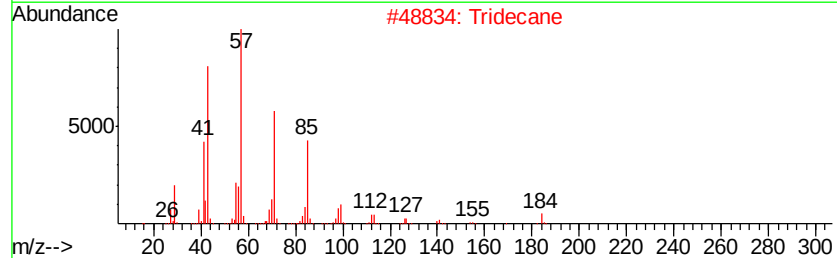
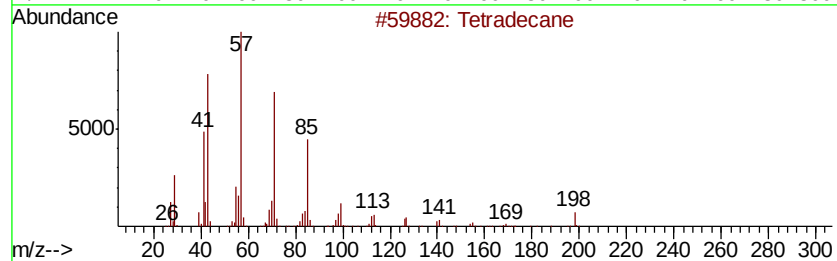
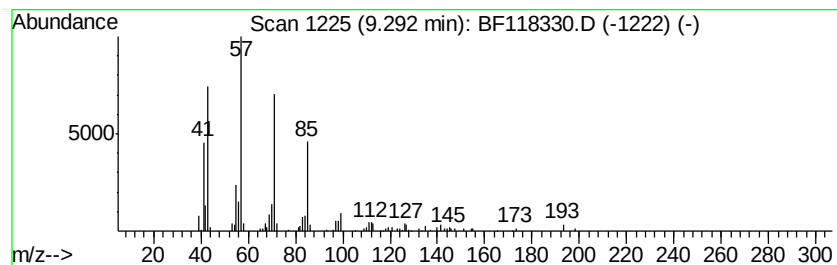
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.26 ng	123735	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Hexadecane	226	C16H34	000544-76-3	80
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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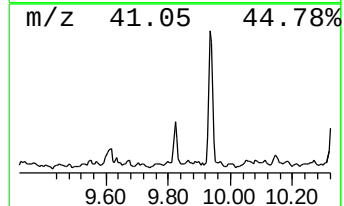
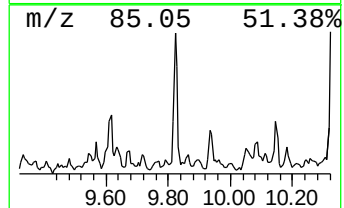
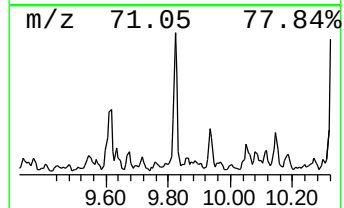
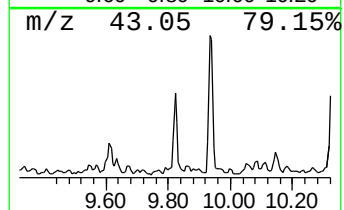
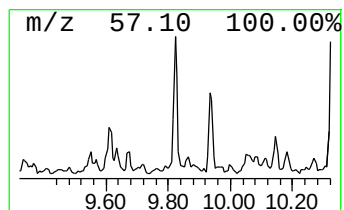
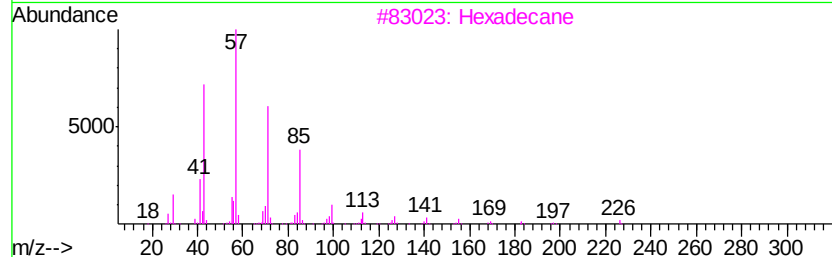
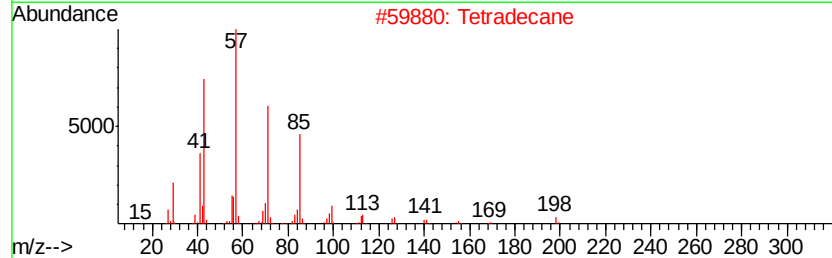
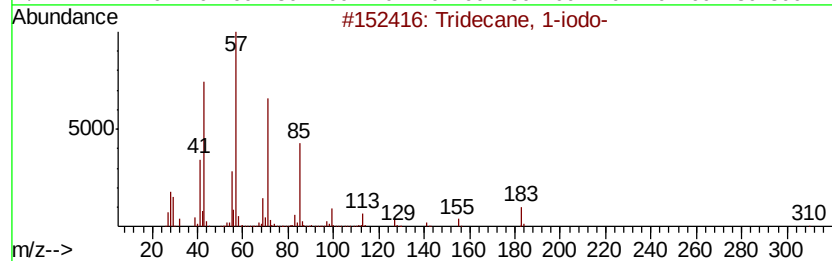
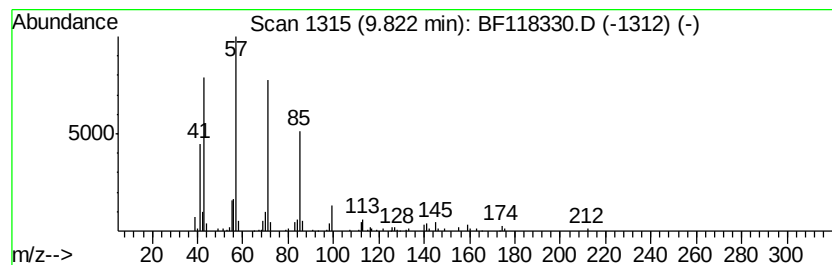
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.82	2.45 ng	133885	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	78
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5	Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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Sample : K6118-10 5X
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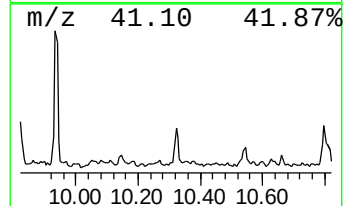
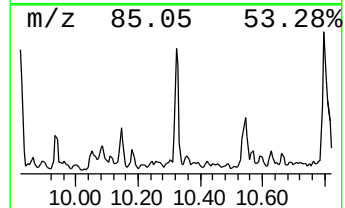
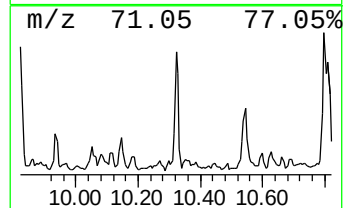
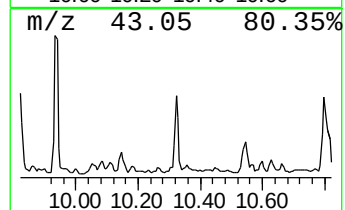
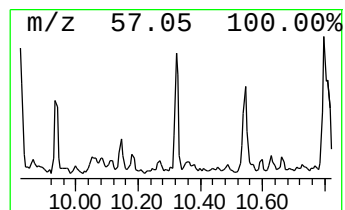
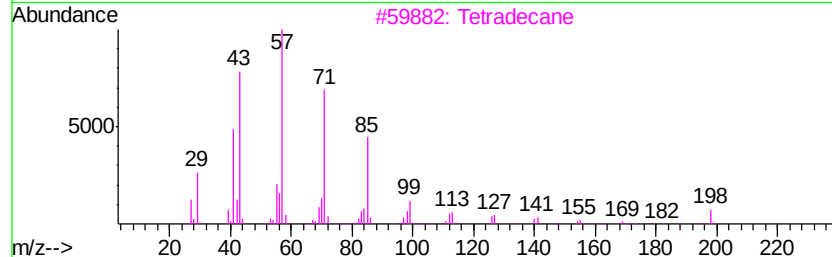
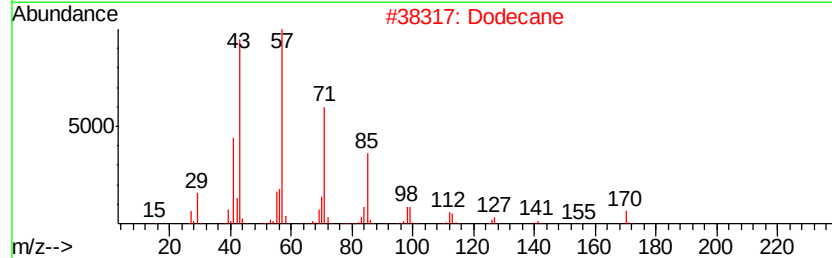
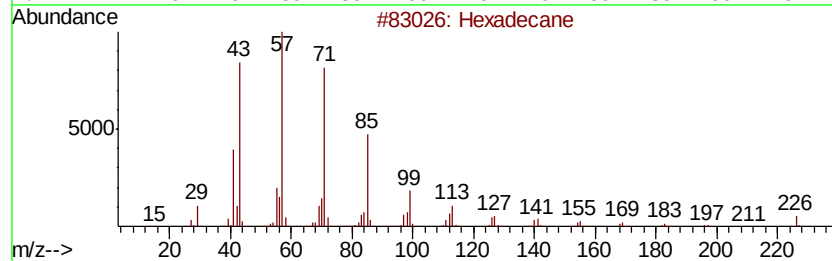
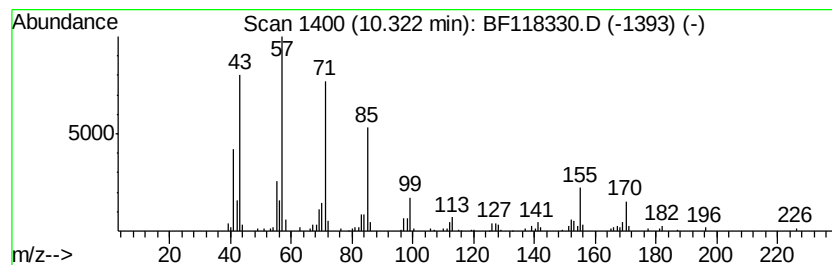
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.32	3.43 ng	187691	Acenaphthene-d10		9.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Dodecane	170	C12H26	000112-40-3	81
3	Tetradecane	198	C14H30	000629-59-4	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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Misc :
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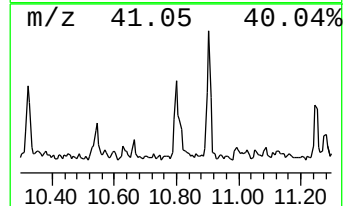
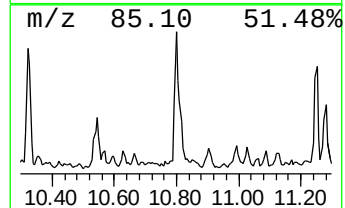
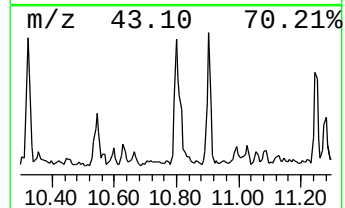
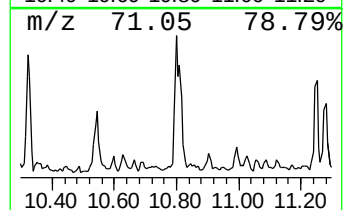
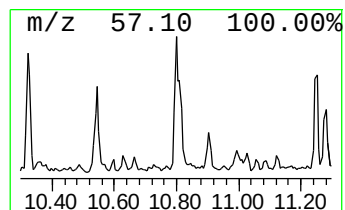
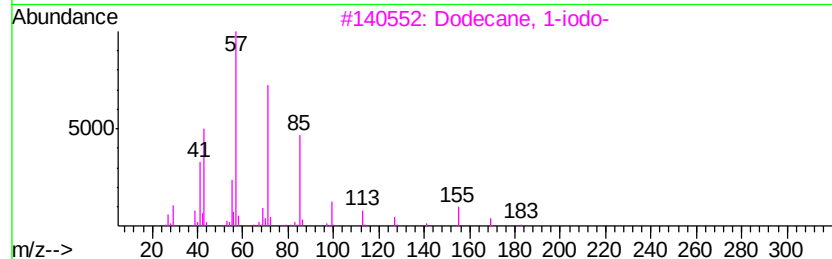
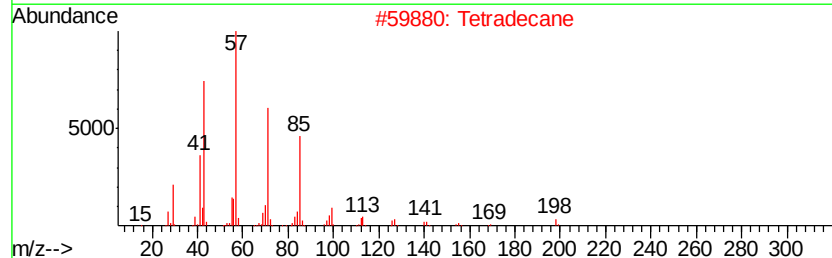
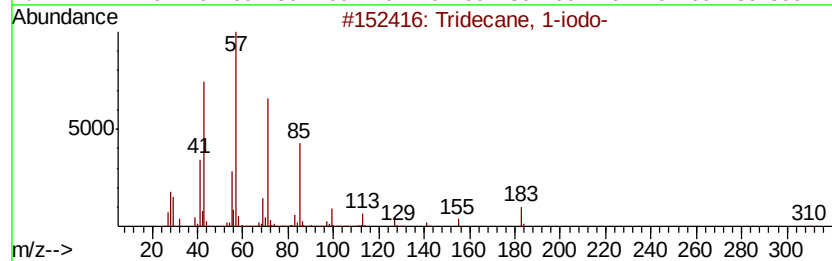
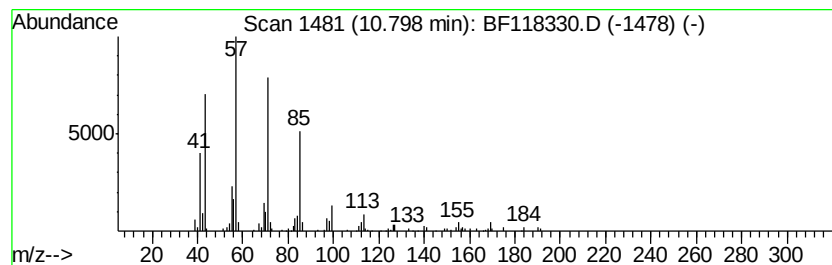
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	2.40 ng	119575	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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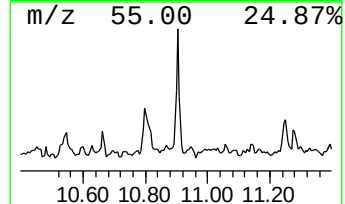
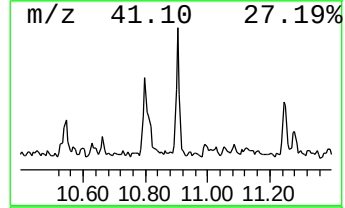
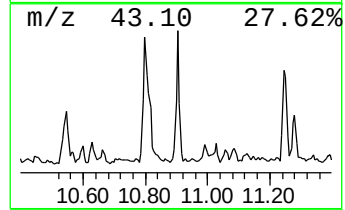
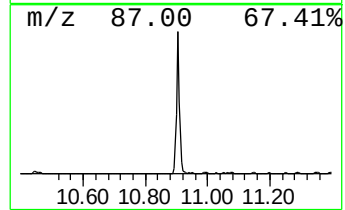
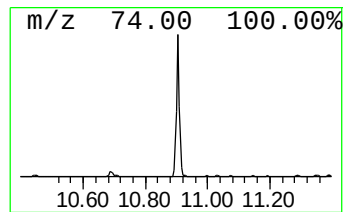
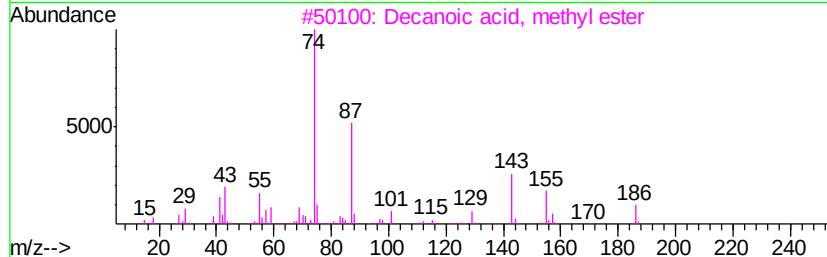
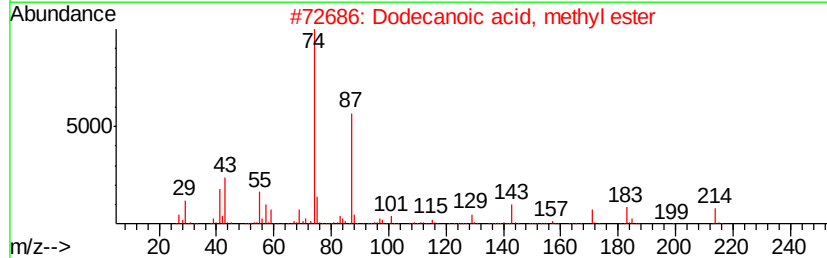
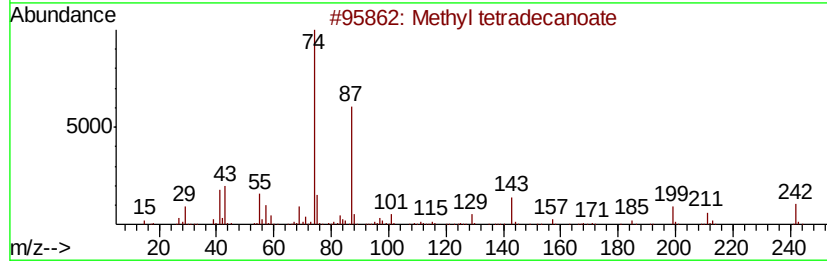
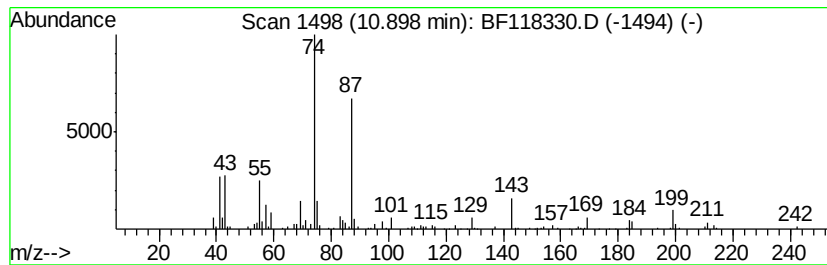
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Methyl tetradecanoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.40 ng	269369	Phenanthrene-d10	11.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl tetradecanoate	242 C15H30O2	000124-10-7 91
2		Dodecanoic acid, methyl ester	214 C13H26O2	000111-82-0 86
3		Decanoic acid, methyl ester	186 C11H22O2	000110-42-9 72
4		Tridecanoic acid, methyl ester	228 C14H28O2	001731-88-0 58
5		Tridecanoic acid, 12-methyl-, me...	242 C15H30O2	005129-58-8 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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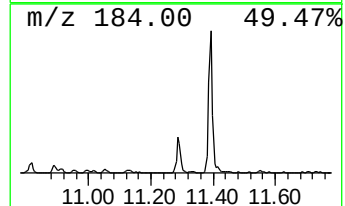
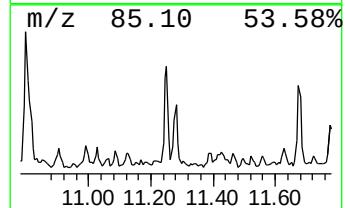
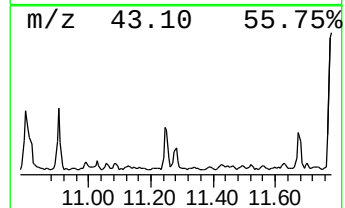
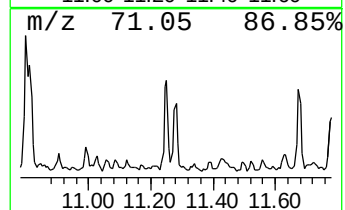
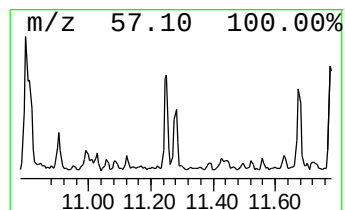
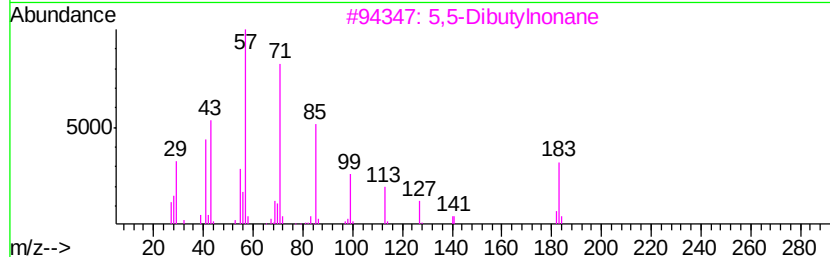
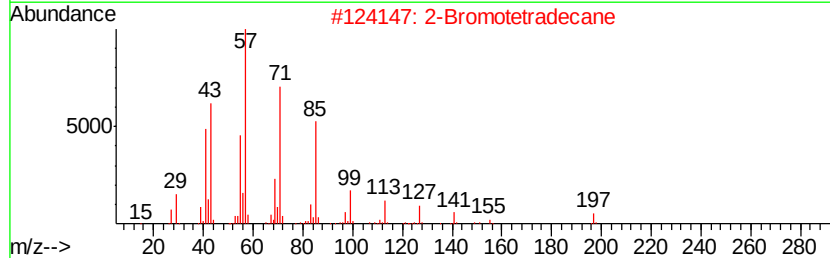
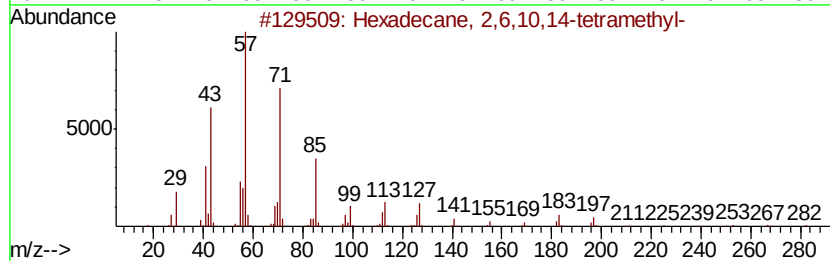
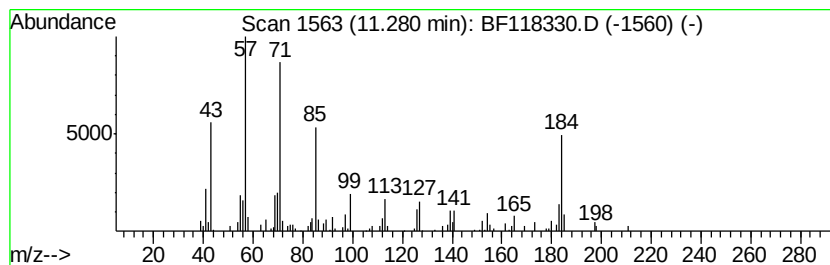
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.83 ng	141236	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
2			2-Bromotetradecane	276	C14H29Br	074036-95-6	52
3			5,5-Dibutylnonane	240	C17H36	006008-17-9	50
4			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	50
5			Hentriacontane	437	C31H64	000630-04-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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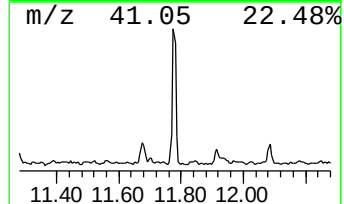
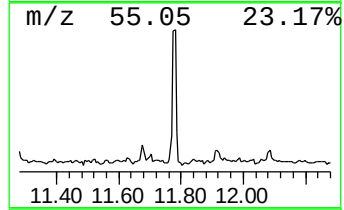
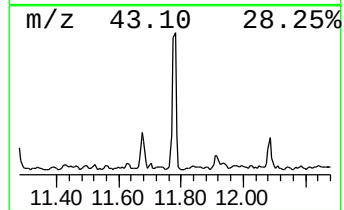
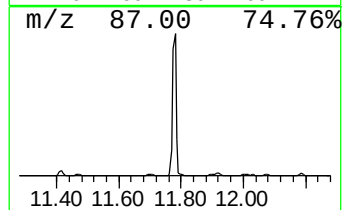
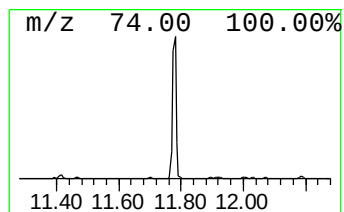
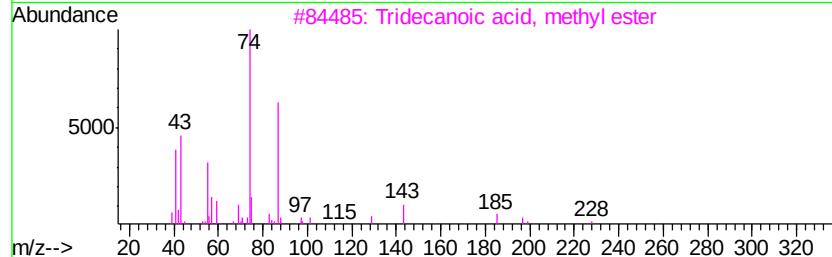
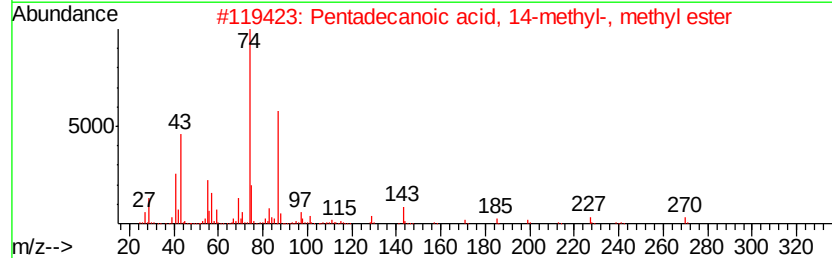
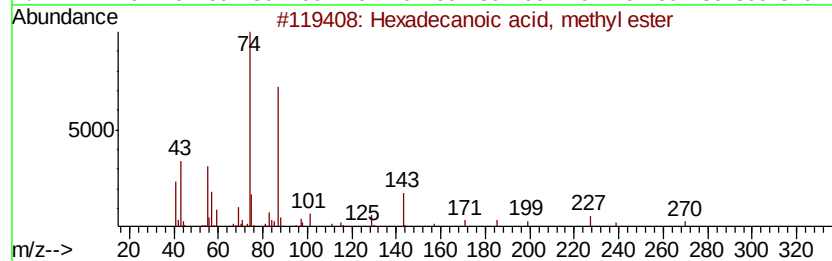
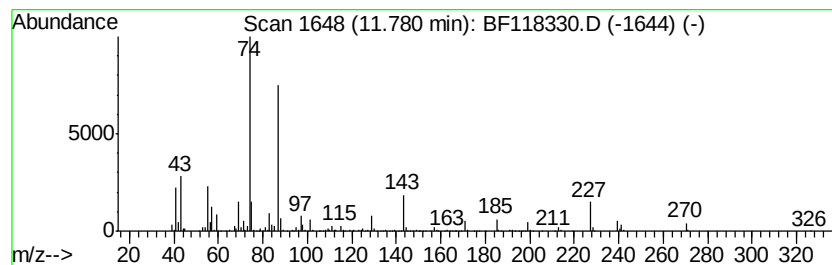
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	13.43 ng	669549	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118330.D
Acq On : 26 Dec 2019 21:40
Operator : JU
Sample : K6118-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-122319

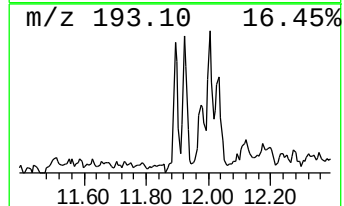
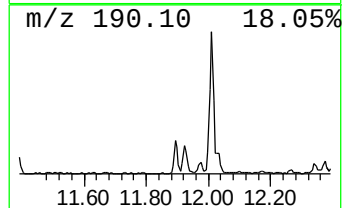
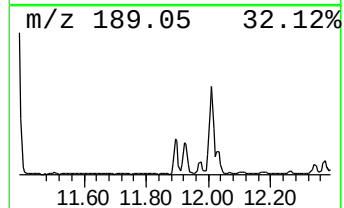
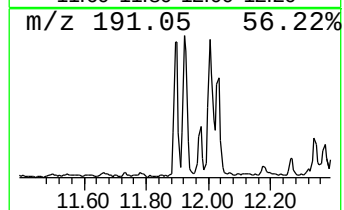
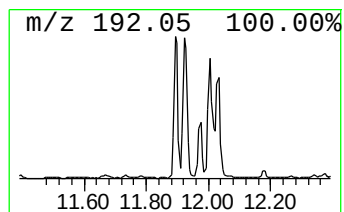
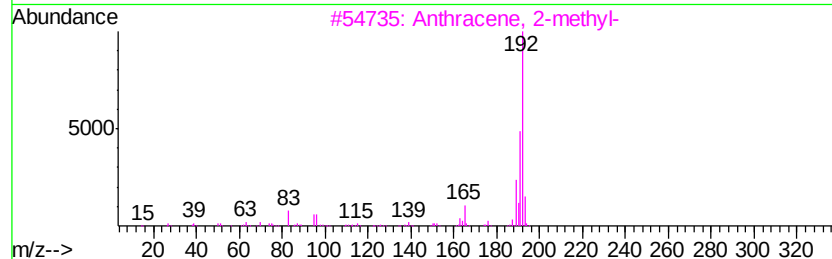
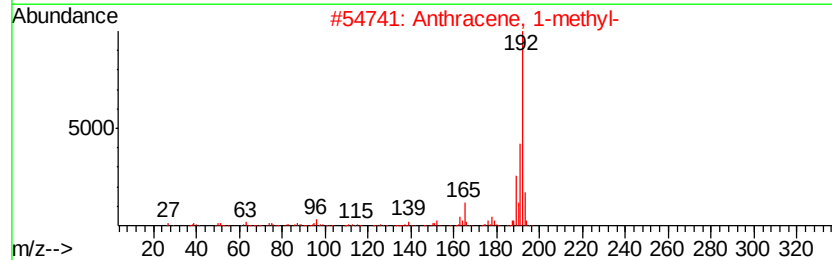
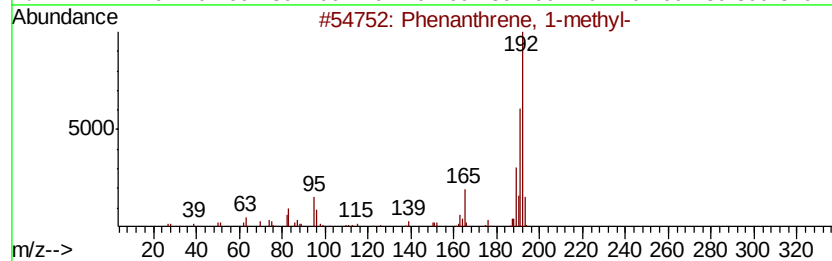
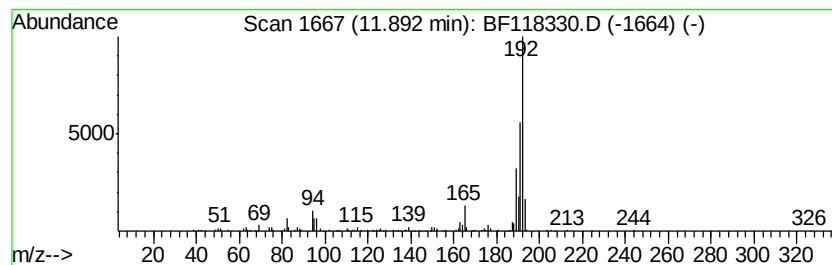
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.77 ng	187948	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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Misc :
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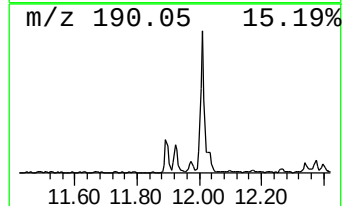
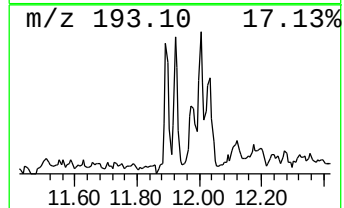
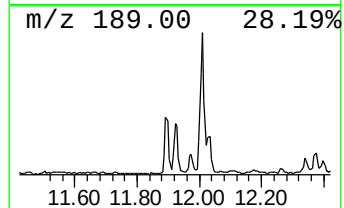
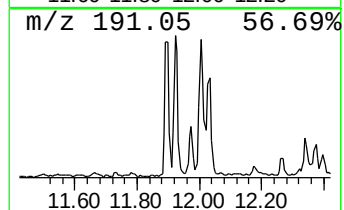
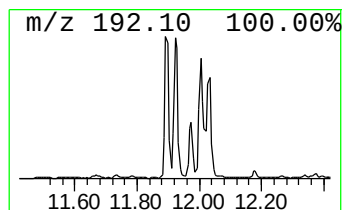
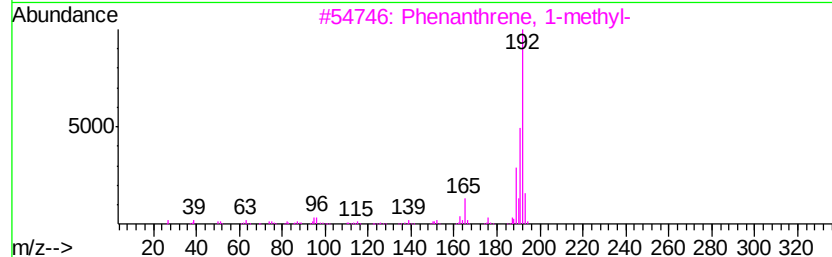
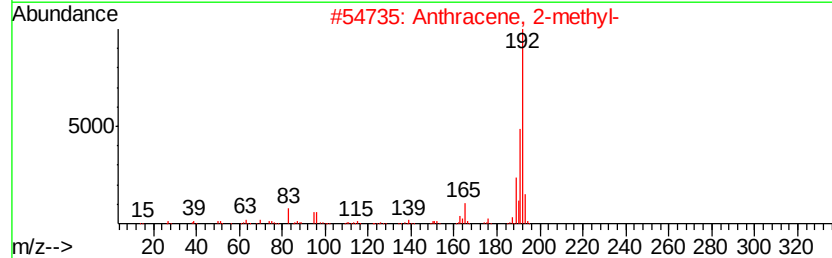
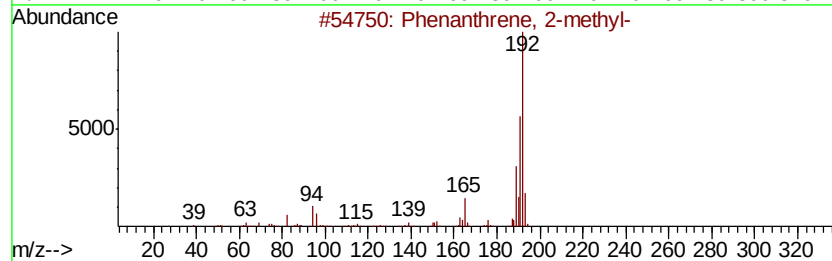
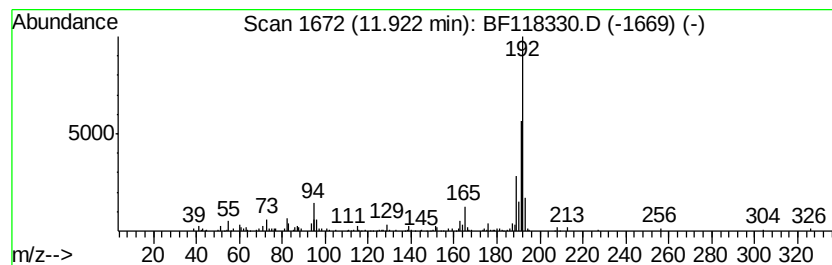
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	5.29 ng	264033	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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118330.D
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Operator : JU
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Misc :
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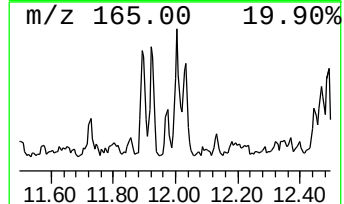
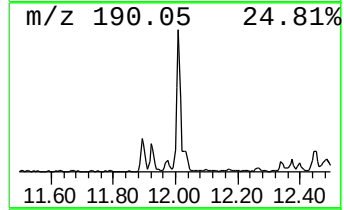
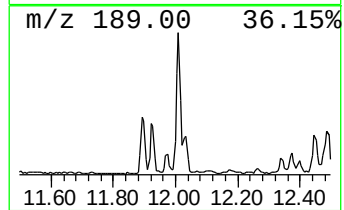
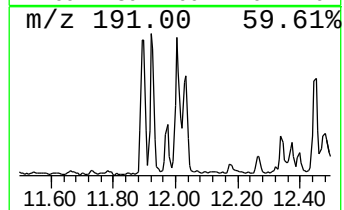
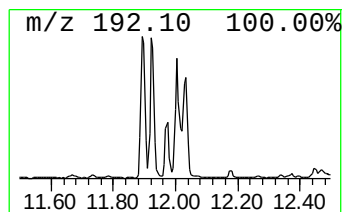
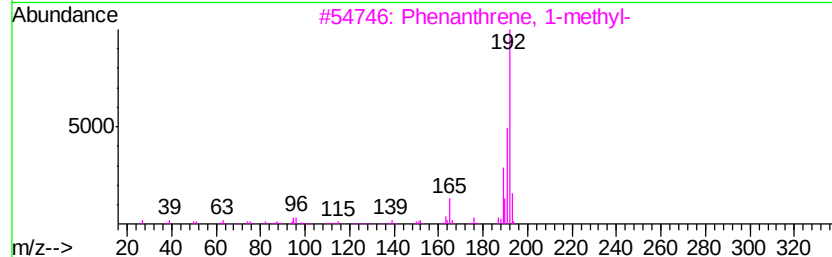
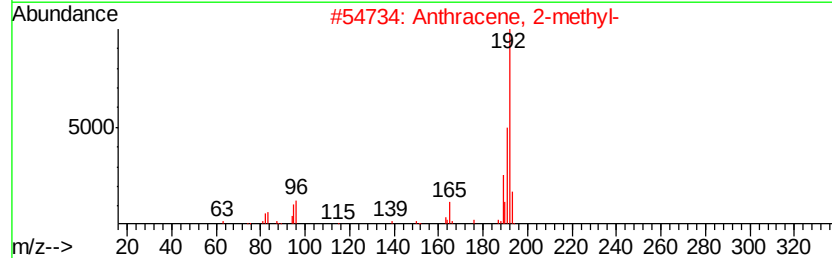
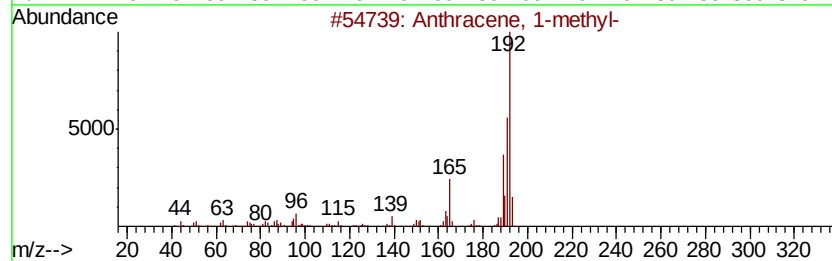
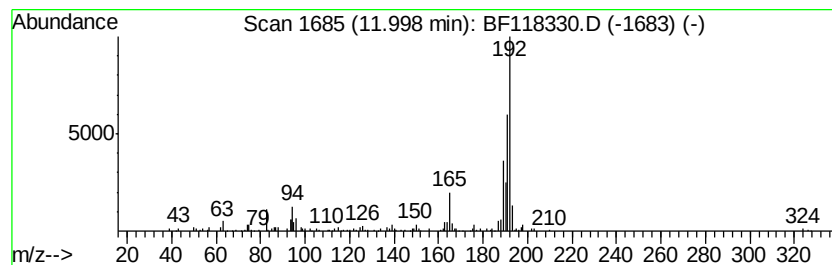
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.17 ng	307520	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118330.D
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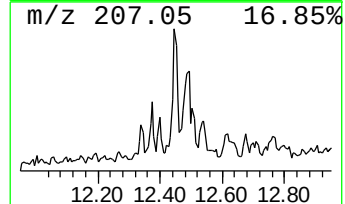
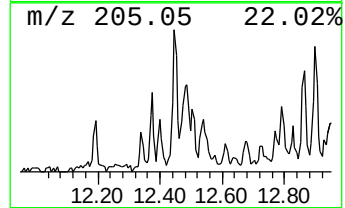
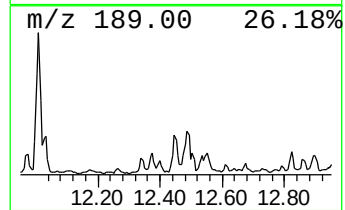
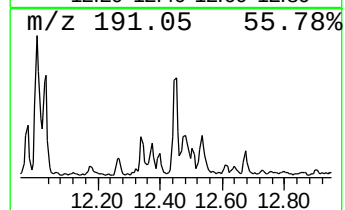
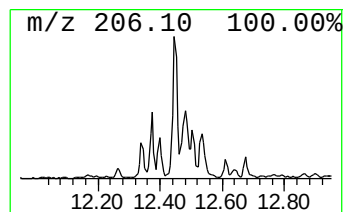
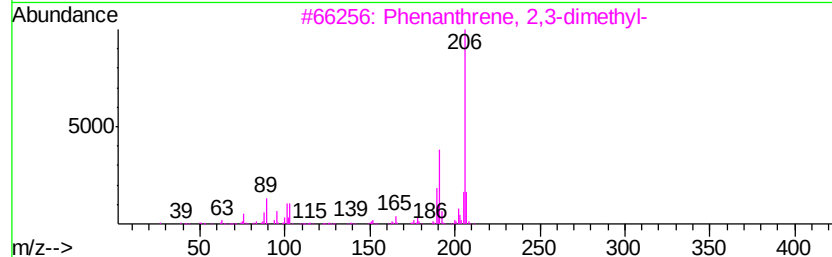
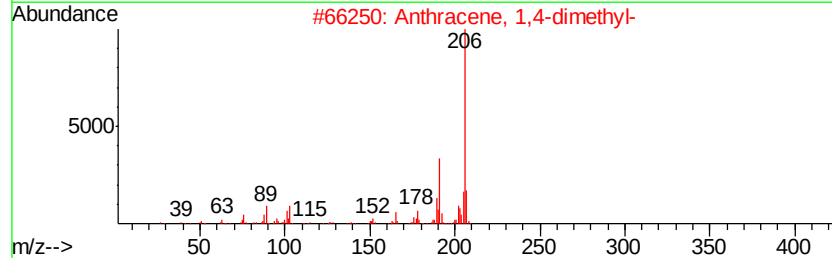
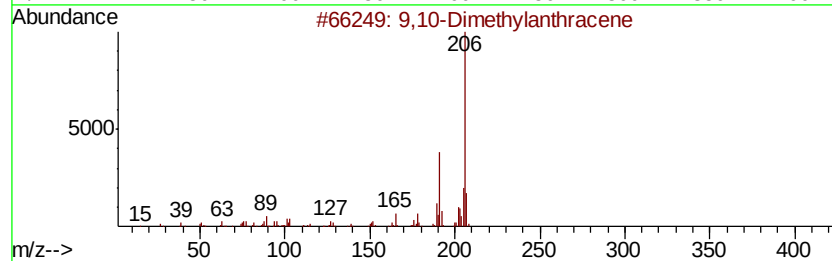
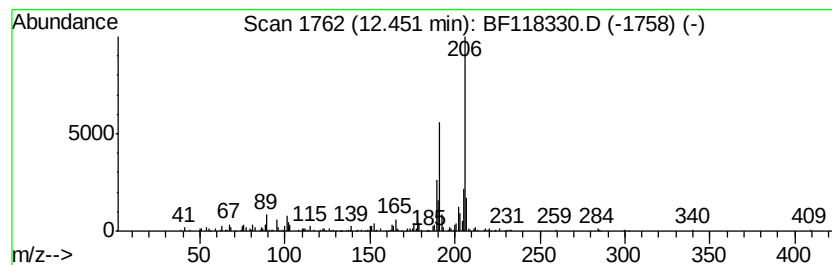
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Dimethylantracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.36 ng	167780	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118330.D
Acq On : 26 Dec 2019 21:40
Operator : JU
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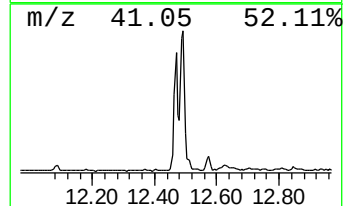
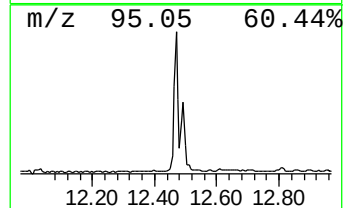
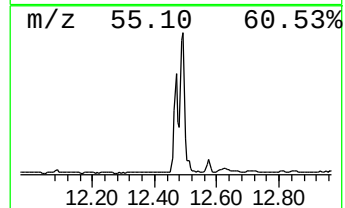
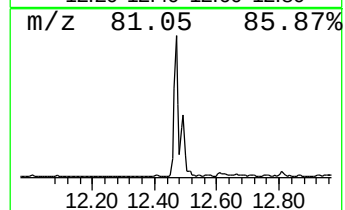
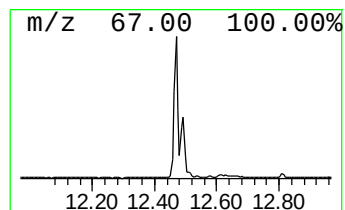
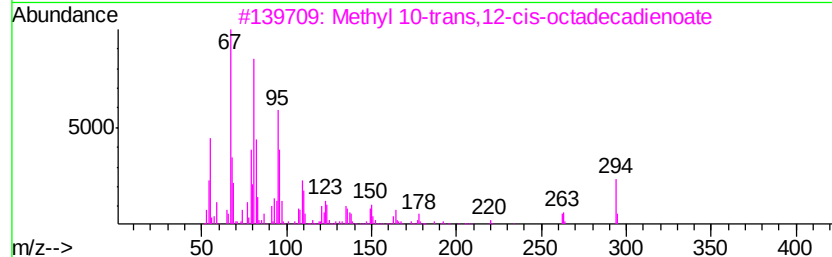
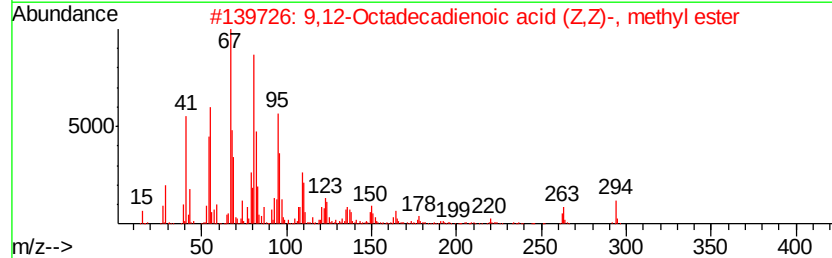
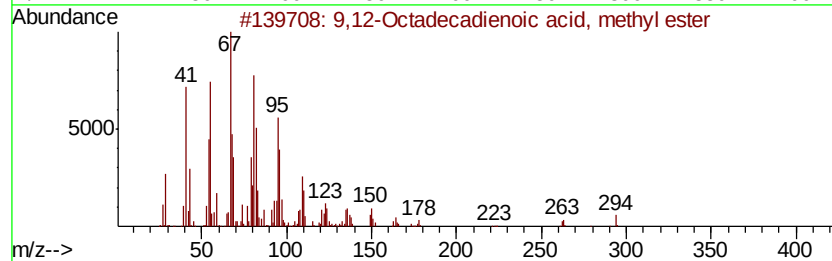
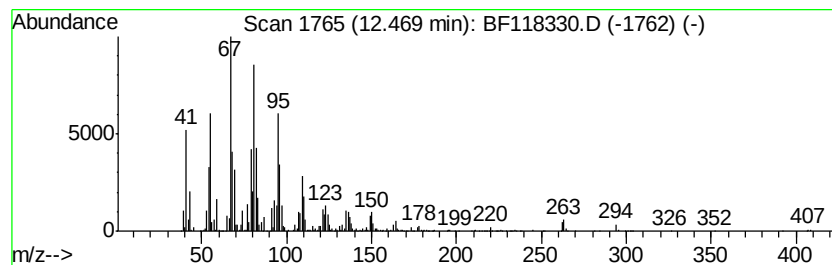
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	46.49 ng	2318250	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		Methyl 10-trans,12-cis-octadecadi...	294	C19H34O2	1000336-44-2	98
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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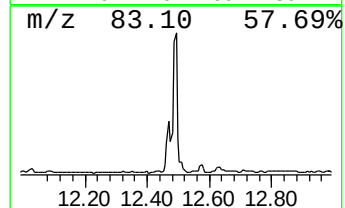
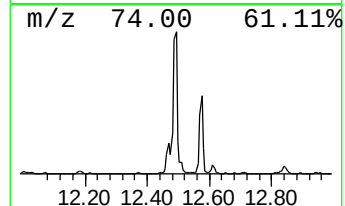
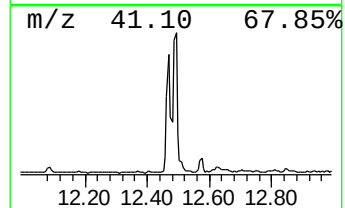
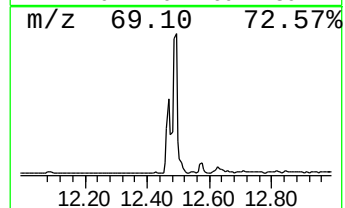
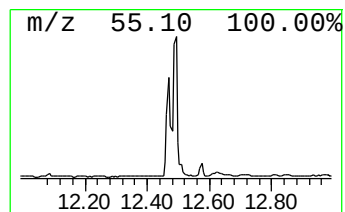
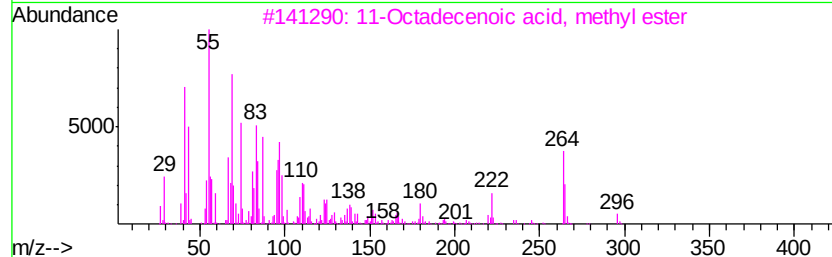
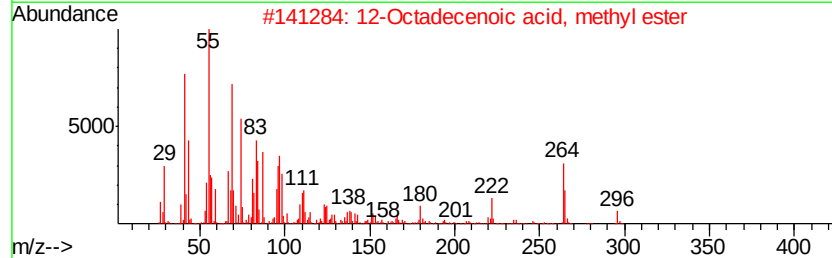
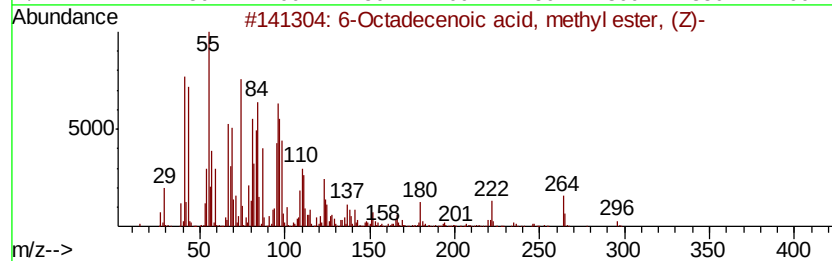
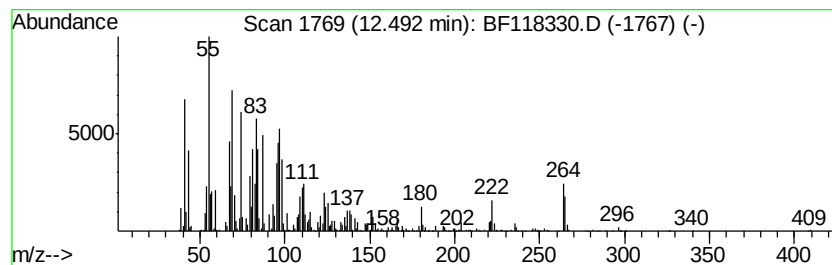
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 6-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	48.41 ng	2413980	Phenanthrene-d10	11.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99	
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99	
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99	
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99	
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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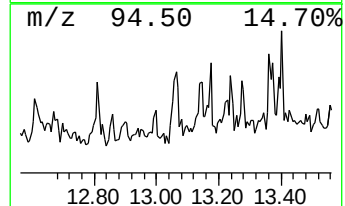
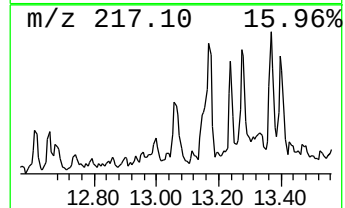
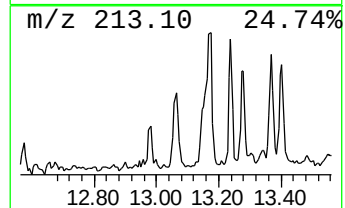
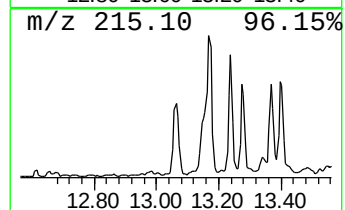
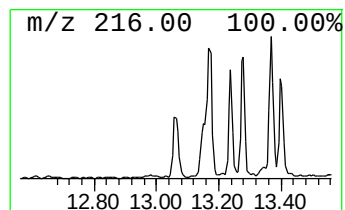
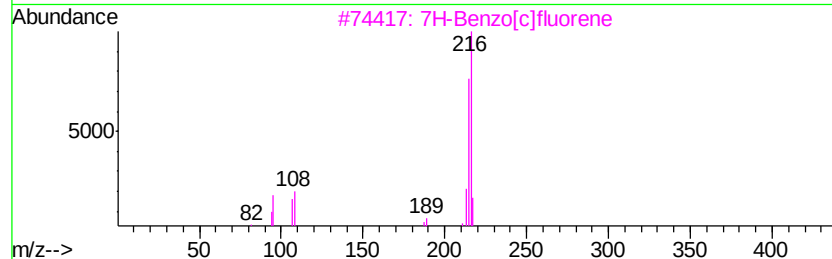
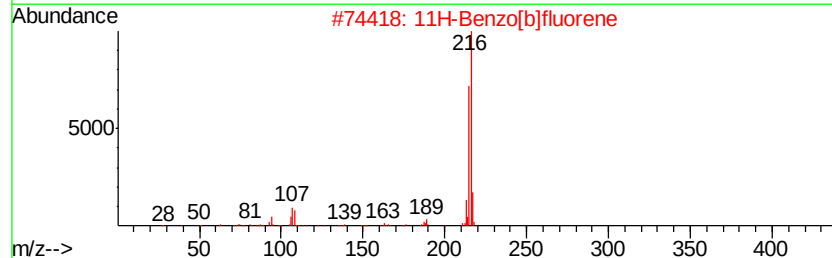
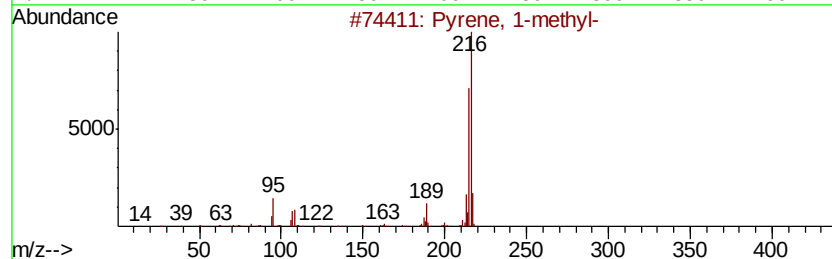
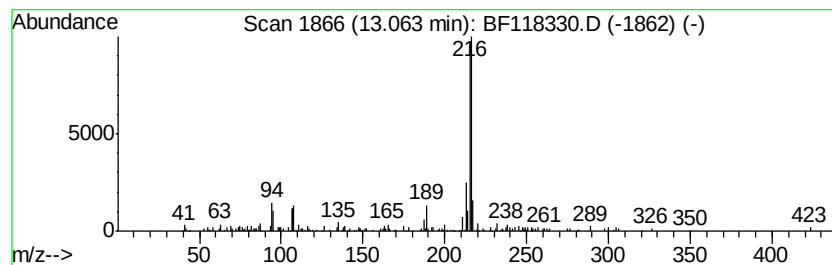
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.83 ng	210810	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118330.D
Acq On : 26 Dec 2019 21:40
Operator : JU
Sample : K6118-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-122319

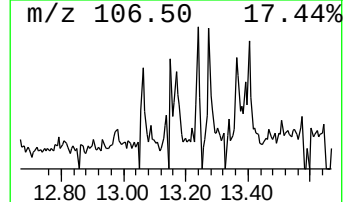
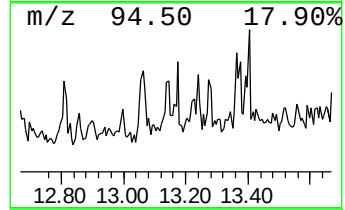
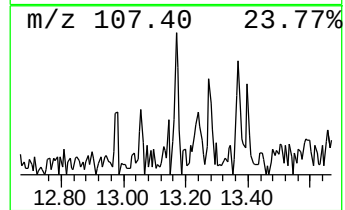
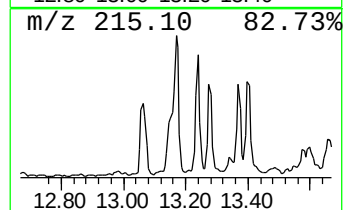
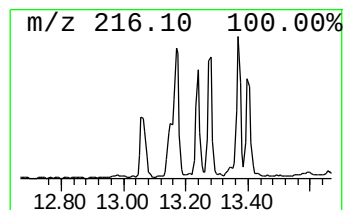
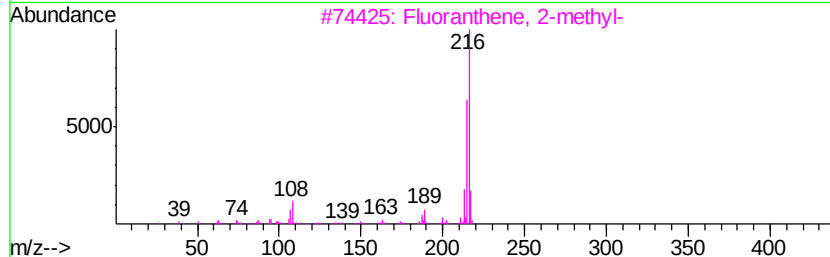
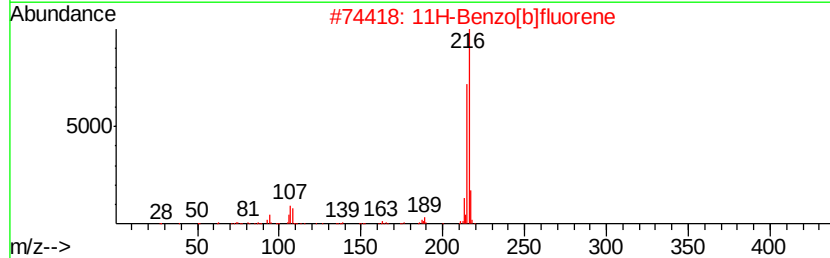
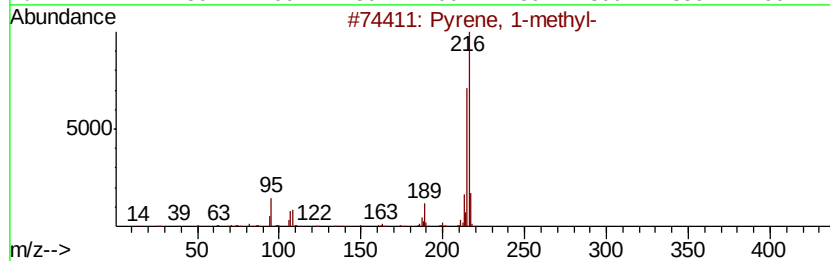
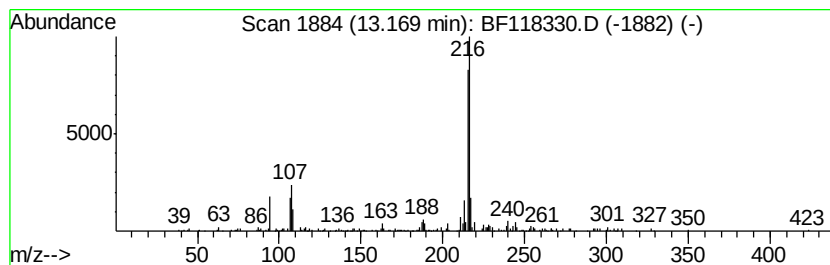
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.54 ng	189534	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122619\
 Data File : BF118330.D
 Acq On : 26 Dec 2019 21:40
 Operator : JU
 Sample : K6118-10 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-122319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
unknown6.62	6.62	14.6	ng	506351	1	6.85	692354	20.0
Tridecane	8.73	2.4	ng	113272	2	8.14	957507	20.0
Naphthalene, 1,2,...	8.96	2.5	ng	118724	2	8.14	957507	20.0
Tetradecane	9.29	2.3	ng	123735	3	9.90	1093230	20.0
Tridecane, 1-iodo-	9.82	2.5	ng	133885	3	9.90	1093230	20.0
Hexadecane	10.32	3.4	ng	187691	3	9.90	1093230	20.0
Dodecane, 1-iodo-	10.80	2.4	ng	119575	4	11.39	997326	20.0
Methyl tetradecan...	10.90	5.4	ng	269369	4	11.39	997326	20.0
Hexadecane, 2,6,1...	11.28	2.8	ng	141236	4	11.39	997326	20.0
Hexadecanoic acid...	11.78	13.4	ng	669549	4	11.39	997326	20.0
Phenanthrene, 1-m...	11.89	3.8	ng	187948	4	11.39	997326	20.0
Phenanthrene, 2-m...	11.92	5.3	ng	264033	4	11.39	997326	20.0
Anthracene, 1-met...	12.00	6.2	ng	307520	4	11.39	997326	20.0
9,10-Dimethylanthe...	12.45	3.4	ng	167780	4	11.39	997326	20.0
9,12-Octadecadien...	12.47	46.5	ng	2318250	4	11.39	997326	20.0
6-Octadecenoic ac...	12.49	48.4	ng	2413980	4	11.39	997326	20.0
Pyrene, 1-methyl-	13.06	2.8	ng	210810	5	14.04	1491230	20.0
11H-Benzo[b]fluorene	13.17	2.5	ng	189534	5	14.04	1491230	20.0