

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112907.D
 Acq On : 7 Mar 2019 3:27
 Operator : JU/SJ
 Sample : K1705-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW013-022719

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	5.340	549	553	557	rBV	3079677	3165307	95.55%	7.540%
2	6.363	723	727	746	rBV	3067782	3247673	98.04%	7.736%
3	6.498	746	750	754	rBV	3579226	3289817	99.31%	7.837%
4	6.728	786	789	793	rBV	1213211	1127776	34.04%	2.687%
5	6.886	812	816	820	rBV	3048042	2586864	78.09%	6.162%
6	7.286	880	884	898	rBV	2143667	2033783	61.39%	4.845%
7	8.010	1003	1007	1014	rBV	1379733	1335340	40.31%	3.181%
8	9.086	1186	1190	1201	rBV	3687873	3312675	100.00%	7.891%
9	9.327	1228	1231	1244	rBV	86881	183412	5.54%	0.437%
10	9.480	1254	1257	1262	rVB	199796	173153	5.23%	0.412%
11	9.763	1301	1305	1308	rBV	1344244	1342192	40.52%	3.197%
12	9.792	1308	1310	1315	rVB	87680	77449	2.34%	0.184%
13	9.969	1336	1340	1344	rBV	53500	56206	1.70%	0.134%
14	10.174	1368	1375	1379	rBV4	24172	35869	1.08%	0.085%
15	10.304	1394	1397	1403	rVB2	70960	64943	1.96%	0.155%
16	10.463	1421	1424	1429	rVB	39511	40159	1.21%	0.096%
17	10.539	1433	1437	1445	rBV	1962457	2066454	62.38%	4.923%
18	10.851	1484	1490	1493	rBV5	24717	43515	1.31%	0.104%
19	10.916	1497	1501	1508	rBV5	29058	50784	1.53%	0.121%
20	11.039	1520	1522	1526	rVB	43761	42556	1.28%	0.101%
21	11.133	1534	1538	1544	rVB	40532	58708	1.77%	0.140%
22	11.239	1552	1556	1558	rBV	1298449	1338781	40.41%	3.189%
23	11.257	1558	1559	1563	rVV	672207	534681	16.14%	1.274%
24	11.310	1566	1568	1572	rVB	142883	120856	3.65%	0.288%
25	11.463	1589	1594	1597	rBV2	51385	66375	2.00%	0.158%
26	11.698	1630	1634	1637	rBV3	38064	62966	1.90%	0.150%
27	11.739	1637	1641	1643	rVV	137389	164888	4.98%	0.393%
28	11.774	1643	1647	1651	rVV2	508277	601520	18.16%	1.433%
29	11.810	1651	1653	1656	rVV2	89763	105124	3.17%	0.250%
30	11.845	1656	1659	1662	rVV	136968	168445	5.08%	0.401%
31	11.868	1662	1663	1667	rVB	81534	61536	1.86%	0.147%
32	12.033	1688	1691	1693	rBV	70301	76057	2.30%	0.181%
33	12.051	1693	1694	1698	rVB	74108	50194	1.52%	0.120%
34	12.286	1730	1734	1737	rBV	71133	87473	2.64%	0.208%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112907.D
 Acq On : 7 Mar 2019 3:27
 Operator : JU/SJ
 Sample : K1705-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW013-022719

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

35	12.321	1737	1740	1742	rVV	43226	55175	1.67%	0.131%
36	12.363	1745	1747	1753	rVB2	70214	85333	2.58%	0.203%
37	12.439	1757	1760	1764	rVV	728573	659042	19.89%	1.570%
38	12.492	1765	1769	1775	rVV7	40742	101389	3.06%	0.242%
39	12.557	1778	1780	1793	rVB7	119046	227804	6.88%	0.543%
40	12.668	1793	1799	1802	rBV2	637453	691386	20.87%	1.647%
41	12.716	1805	1807	1813	rVB2	46008	71020	2.14%	0.169%
42	12.786	1817	1819	1820	rBV	57485	45919	1.39%	0.109%
43	12.815	1820	1824	1831	rVB	3412574	3028427	91.42%	7.214%
44	12.892	1831	1837	1839	rBV3	70263	108698	3.28%	0.259%
45	12.974	1848	1851	1852	rBV2	41266	46437	1.40%	0.111%
46	12.998	1852	1855	1858	rVB	86205	97404	2.94%	0.232%
47	13.063	1863	1866	1868	rVB2	52380	40629	1.23%	0.097%
48	13.098	1868	1872	1876	rBV	115331	120647	3.64%	0.287%
49	13.221	1891	1893	1899	rVB3	49272	50027	1.51%	0.119%
50	13.304	1903	1907	1911	rBV5	46481	65953	1.99%	0.157%
51	13.404	1921	1924	1929	rVB2	56525	79587	2.40%	0.190%
52	13.498	1937	1940	1945	rVB	106805	119744	3.61%	0.285%
53	13.574	1949	1953	1955	rBV2	67678	72375	2.18%	0.172%
54	13.604	1955	1958	1962	rVV2	62524	99615	3.01%	0.237%
55	13.639	1962	1964	1966	rVV	73847	60784	1.83%	0.145%
56	13.674	1966	1970	1972	rVV2	35385	50960	1.54%	0.121%
57	13.704	1972	1975	1976	rVV2	82187	70996	2.14%	0.169%
58	13.727	1976	1979	1986	rVB2	228381	329496	9.95%	0.785%
59	13.857	1994	2001	2004	rBV3	1876110	2302910	69.52%	5.486%
60	13.886	2004	2006	2008	rVB	335102	271641	8.20%	0.647%
61	13.962	2014	2019	2021	rBV4	35429	51069	1.54%	0.122%
62	14.045	2030	2033	2036	rVB2	149909	132523	4.00%	0.316%
63	14.080	2036	2039	2042	rBV2	27859	35252	1.06%	0.084%
64	14.245	2064	2067	2070	rVB	90321	86517	2.61%	0.206%
65	14.280	2070	2073	2076	rVB2	63800	60211	1.82%	0.143%
66	14.345	2081	2084	2090	rVV3	187733	279481	8.44%	0.666%
67	14.639	2131	2134	2141	rVB	240544	270543	8.17%	0.644%
68	14.709	2142	2146	2150	rVV2	286497	309693	9.35%	0.738%
69	14.774	2154	2157	2162	rVB4	82700	79755	2.41%	0.190%
70	14.868	2168	2173	2176	rBV	293726	465508	14.05%	1.109%
71	14.957	2185	2188	2192	rBV2	291733	341925	10.32%	0.815%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	15.145	2217	2220	2226	rVB	133445	166150	5.02%	0.396%
73	15.204	2226	2230	2235	rVB	212915	248313	7.50%	0.592%
74	15.262	2235	2240	2245	rBV	1110966	1433285	43.27%	3.414%
75	15.309	2245	2248	2253	rVB	232886	319117	9.63%	0.760%
76	15.715	2313	2317	2323	rBV	240514	331634	10.01%	0.790%
77	16.104	2378	2383	2391	rBV	53934	134276	4.05%	0.320%
78	16.180	2392	2396	2406	rVB3	97039	198469	5.99%	0.473%
79	16.445	2438	2441	2448	rVB5	47651	89987	2.72%	0.214%
80	16.615	2466	2470	2476	rVB2	59137	95271	2.88%	0.227%
81	17.021	2534	2539	2548	rVB	56562	123296	3.72%	0.294%

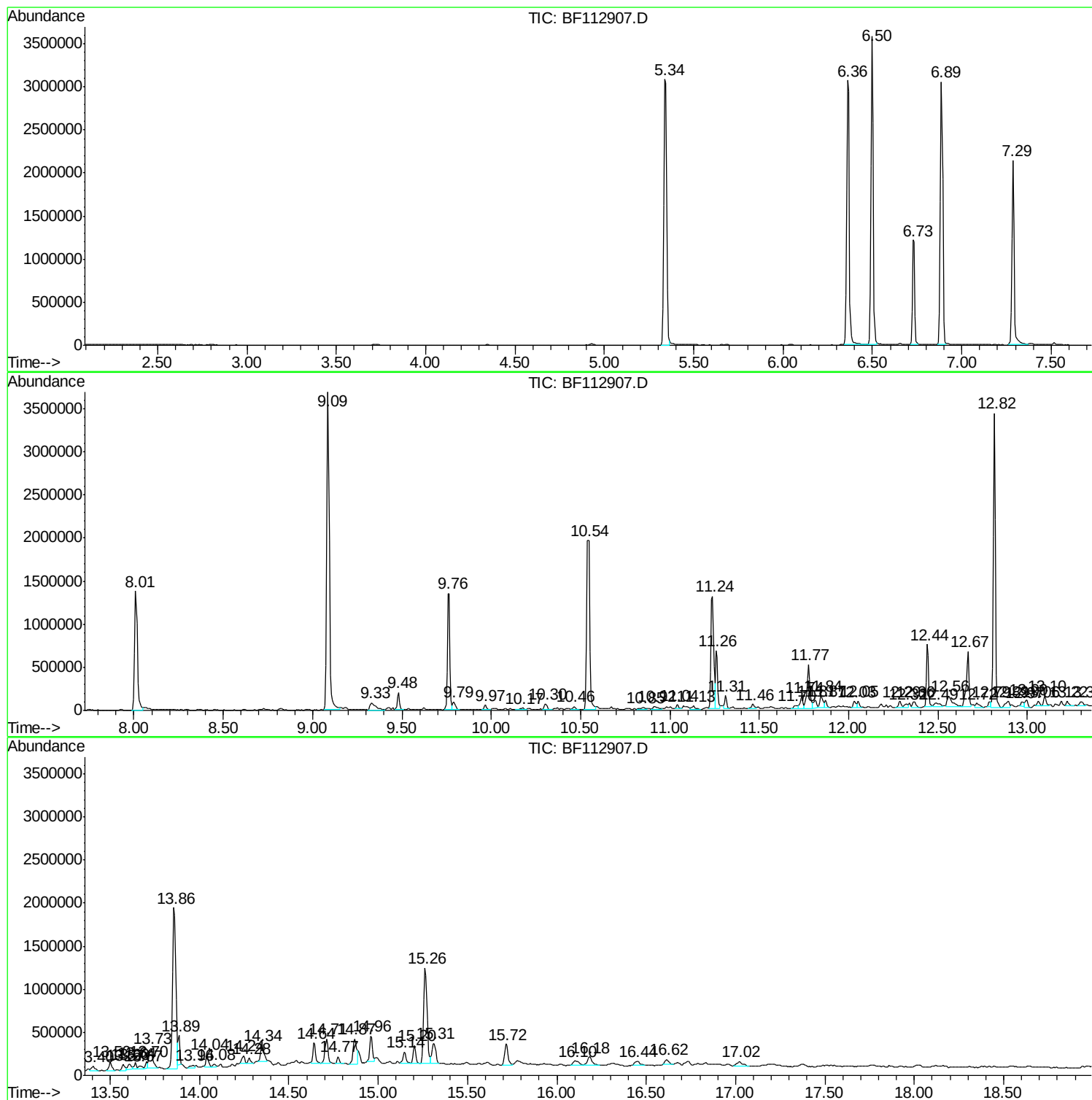
Sum of corrected areas: 41979204

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

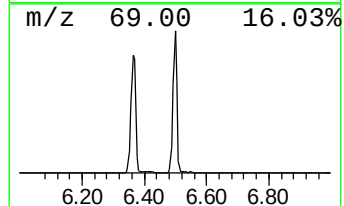
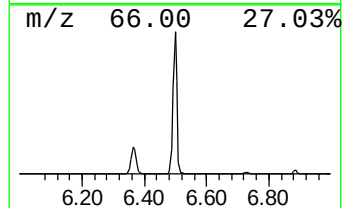
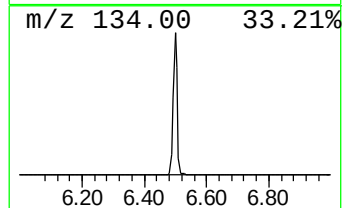
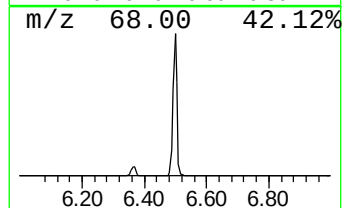
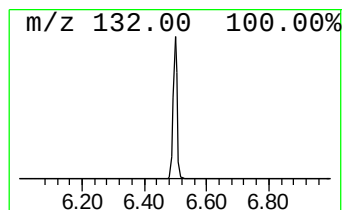
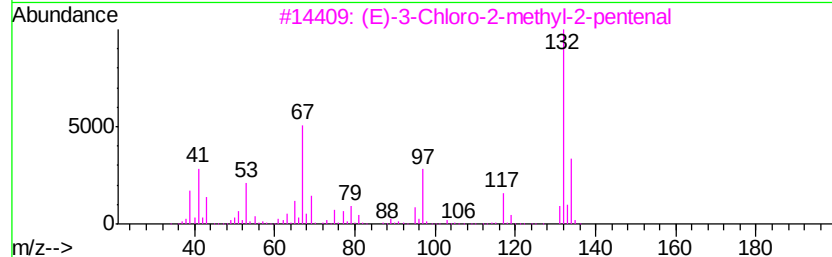
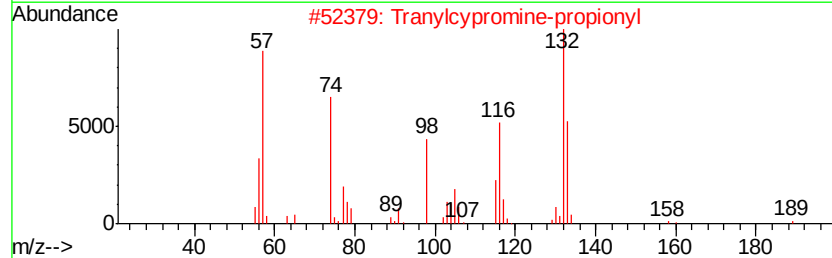
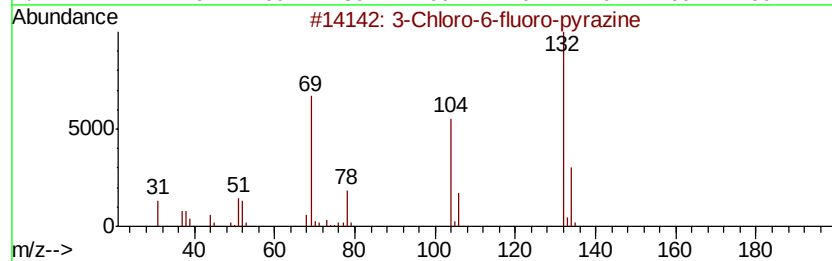
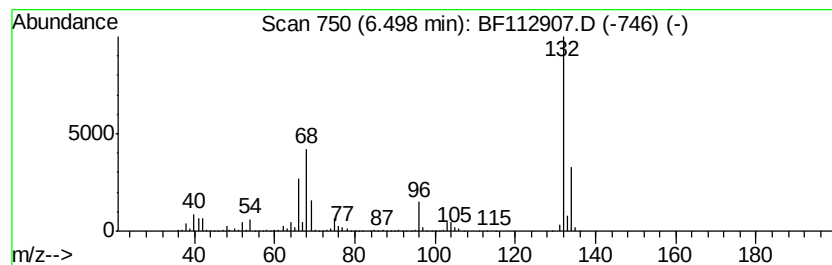
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	58.34 ng	3289820	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12	
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12	
4	Amphetaminil	250	C17H18N2	017590-01-1	12	
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

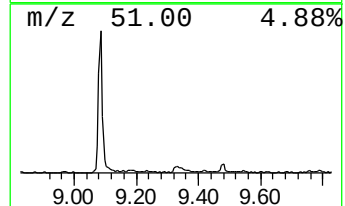
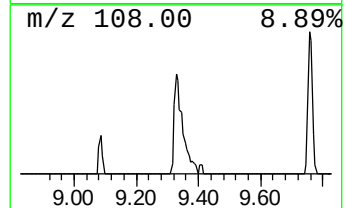
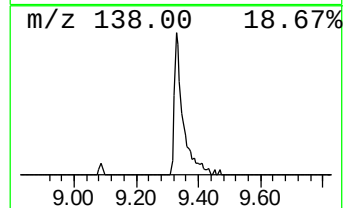
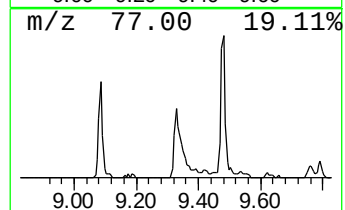
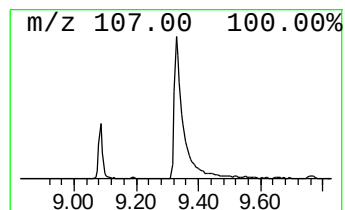
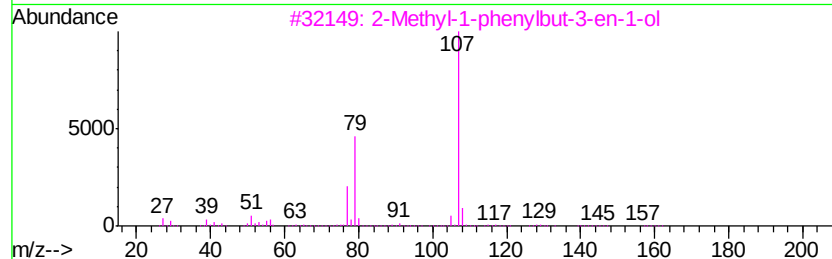
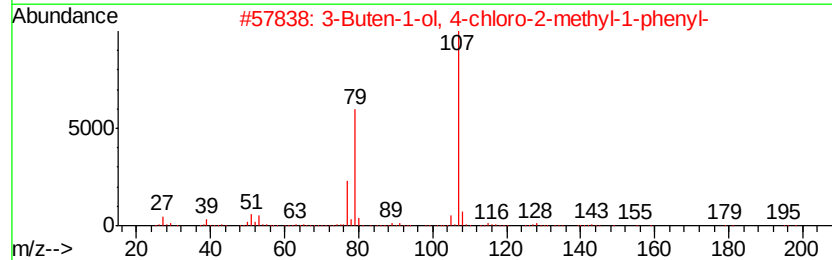
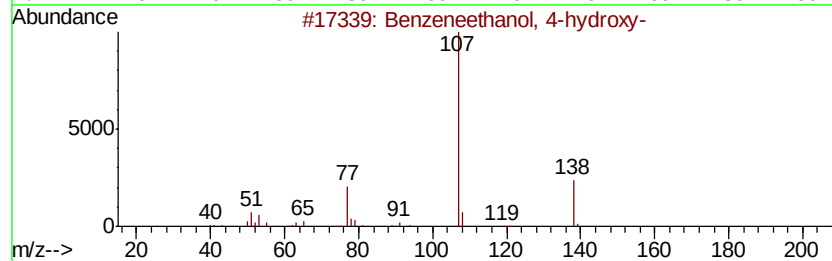
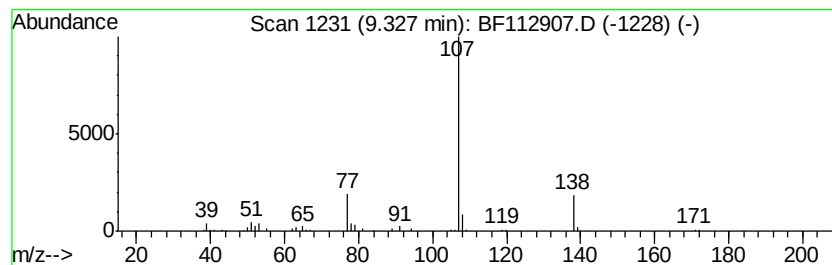
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

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 3 Benzeneethanol, 4-hydroxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.73 ng	183412	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzeneethanol, 4-hydroxy-	138 C8H10O2	000501-94-0 91
2		3-Buten-1-ol, 4-chloro-2-methyl-...	196 C11H13ClO	1000153-34-9 64
3		2-Methyl-1-phenylbut-3-en-1-ol	162 C11H14O	025201-44-9 64
4		Phenol, 4-(methoxymethyl)-	138 C8H10O2	005355-17-9 64
5		Benzeneacetic acid, 4-hydroxy-, ...	166 C9H10O3	014199-15-6 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

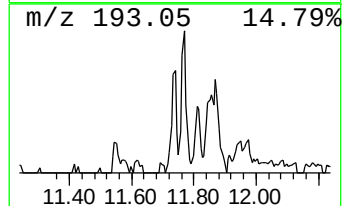
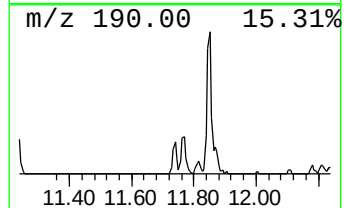
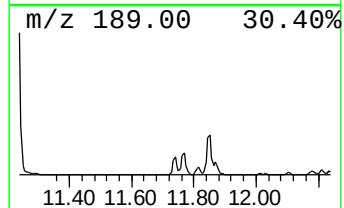
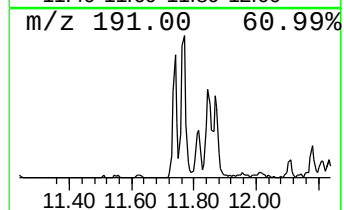
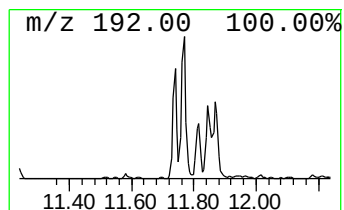
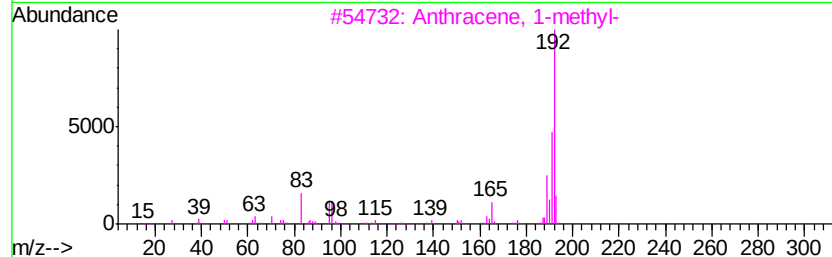
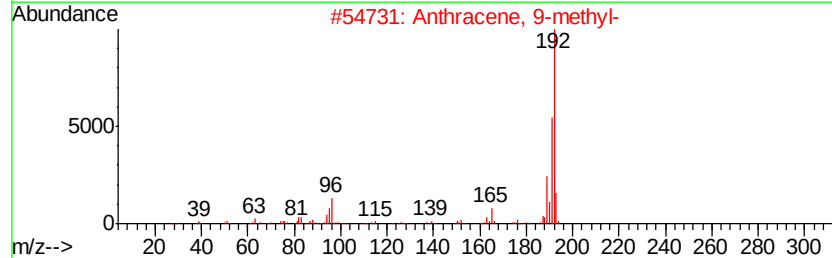
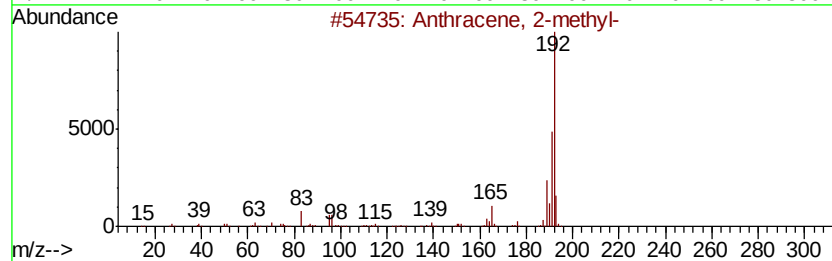
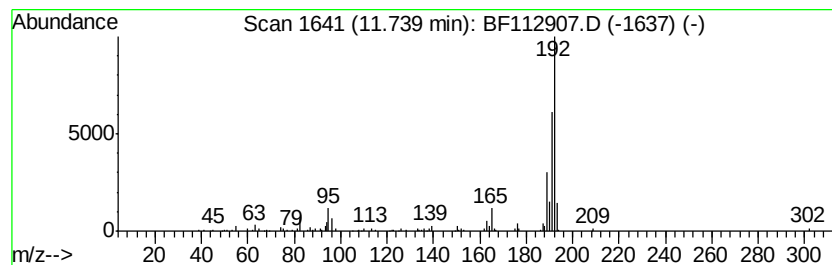
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.46 ng	164888	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

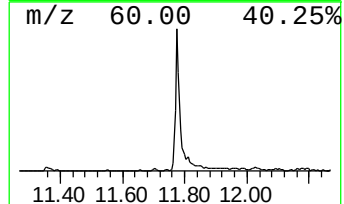
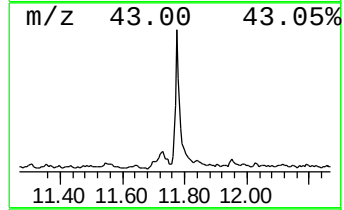
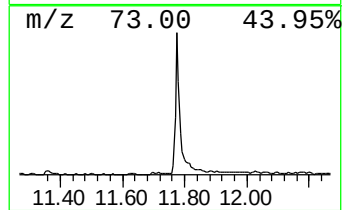
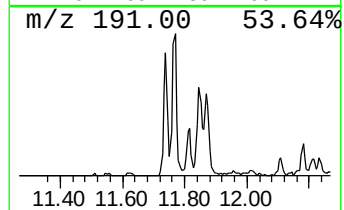
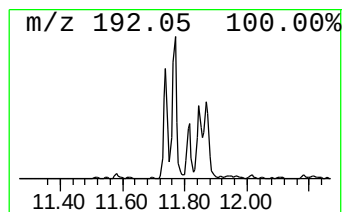
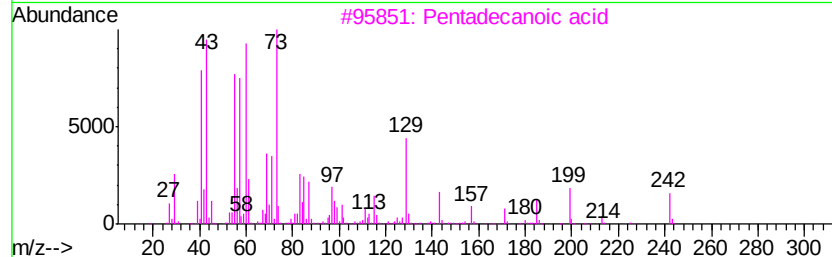
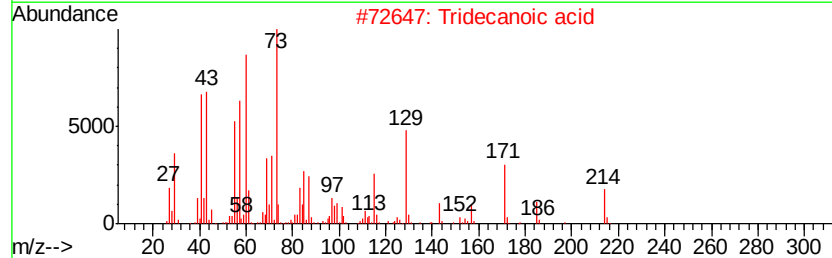
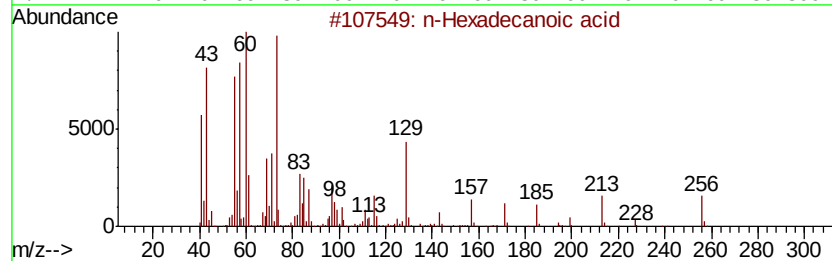
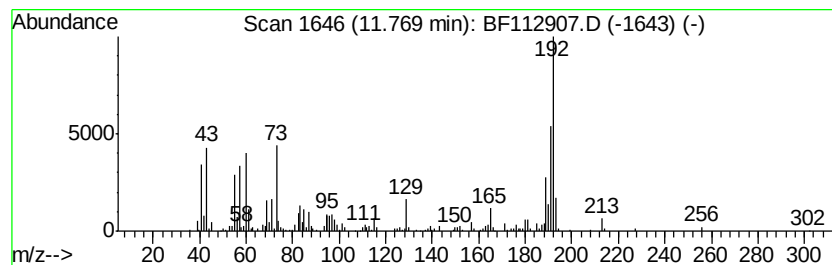
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

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 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.77	8.99 ng	601520	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

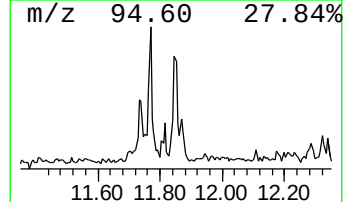
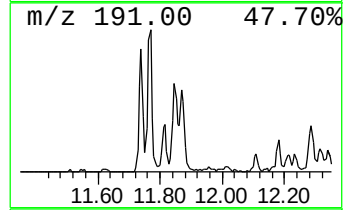
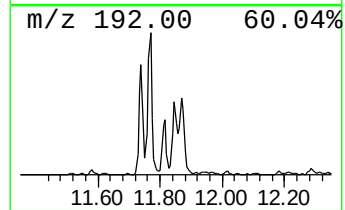
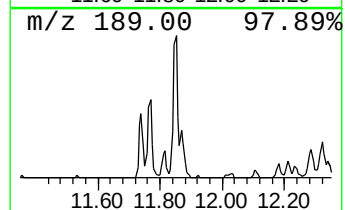
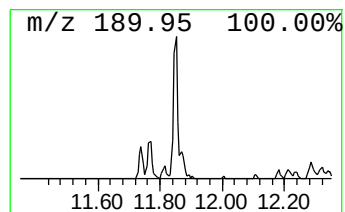
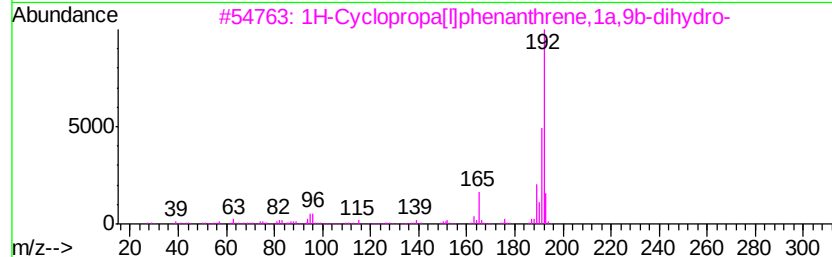
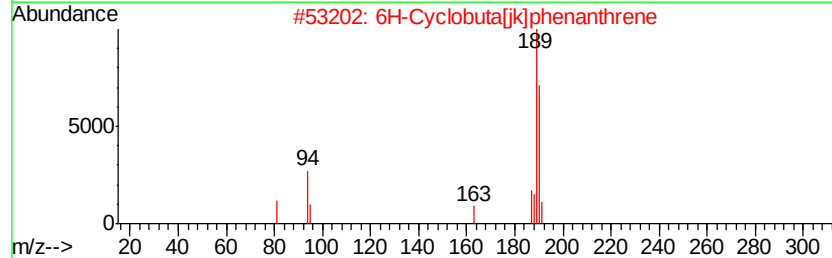
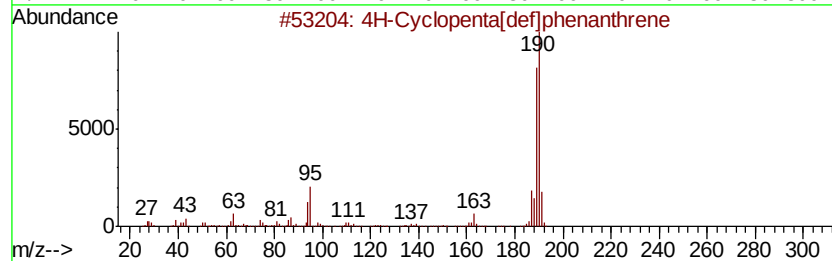
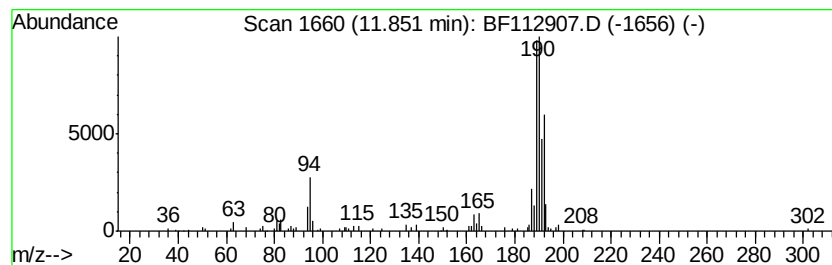
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

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 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	2.52 ng	168445	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

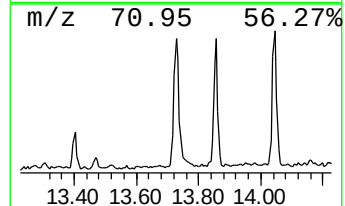
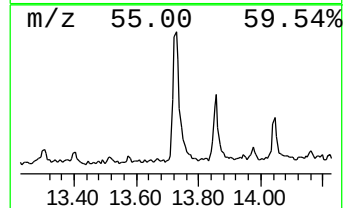
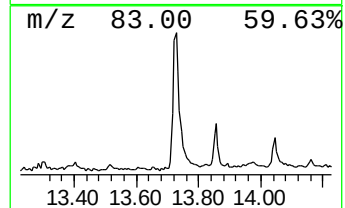
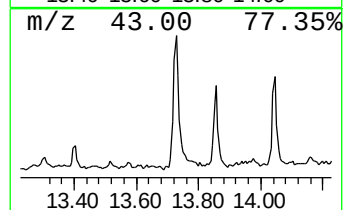
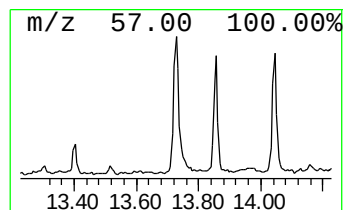
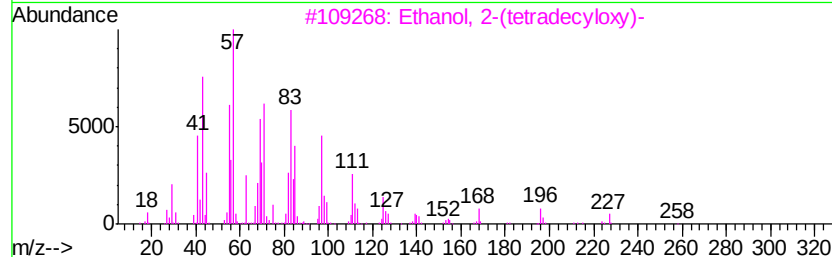
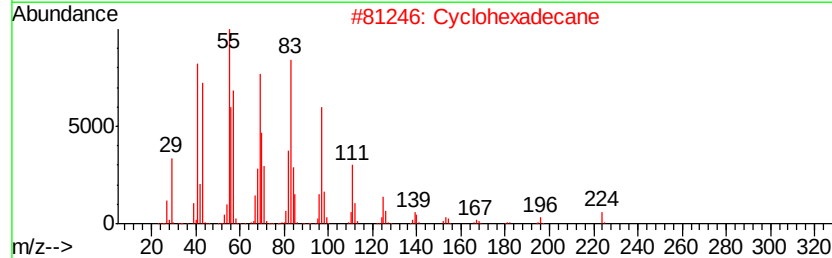
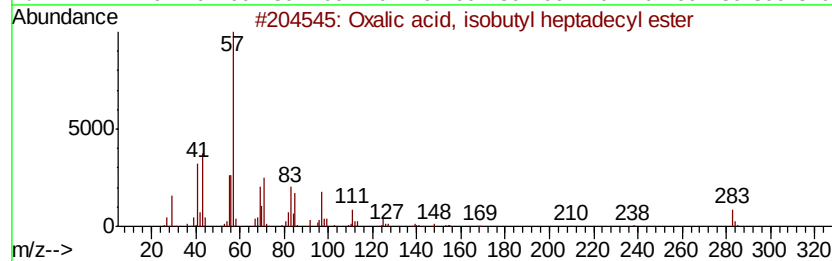
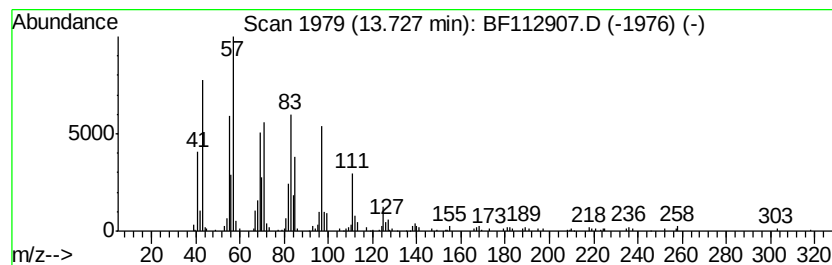
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

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 Oxalic acid, isobutyl hepta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	2.86 ng	329496	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91	
2	Cyclohexadecane	224	C16H32	000295-65-8	90	
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87	
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	81	
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

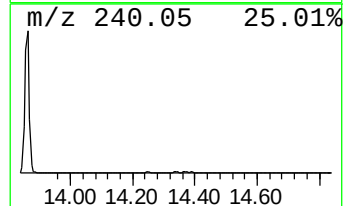
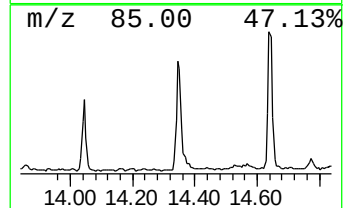
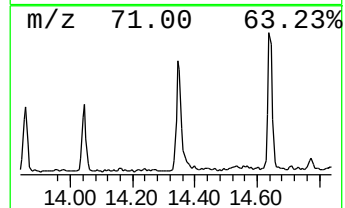
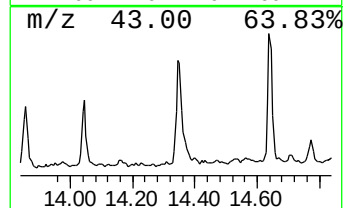
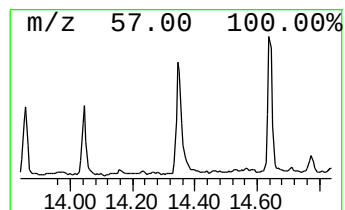
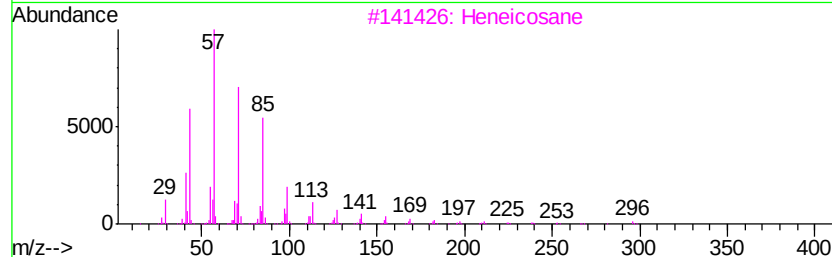
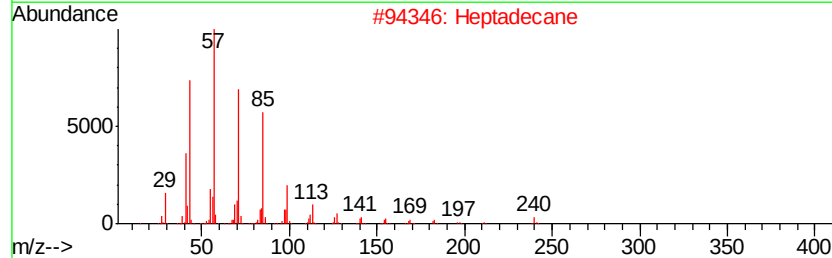
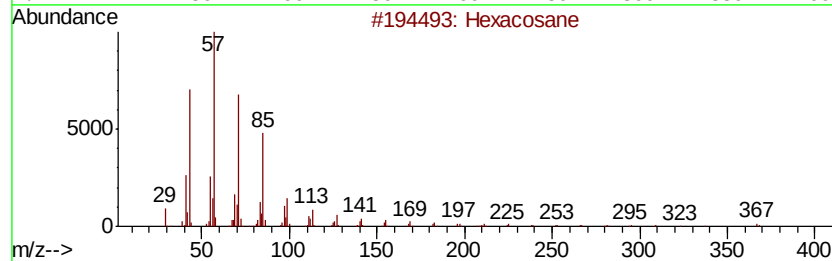
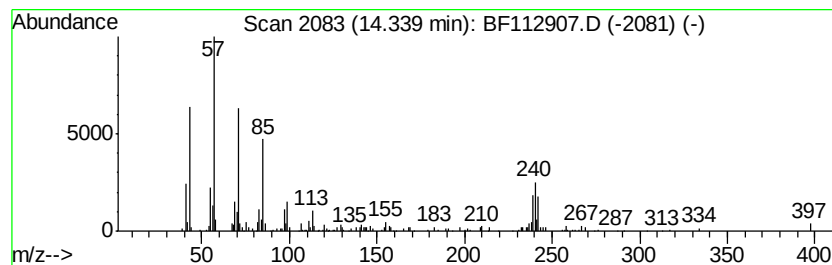
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.43 ng	279481	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

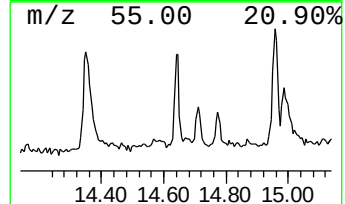
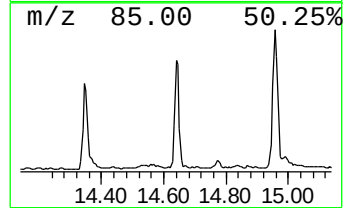
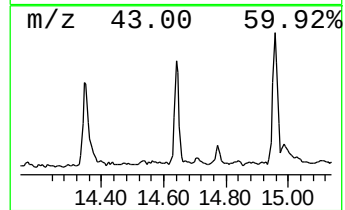
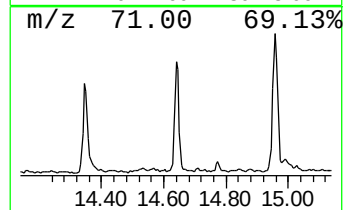
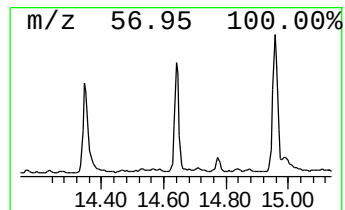
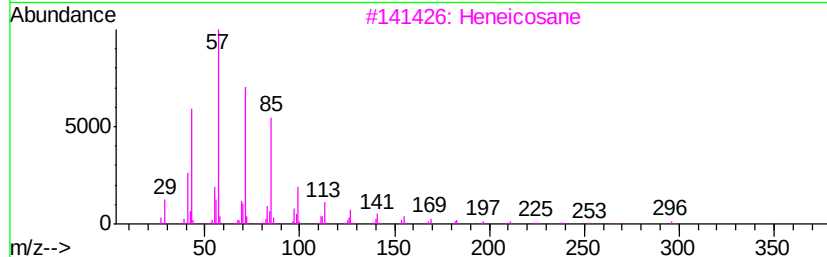
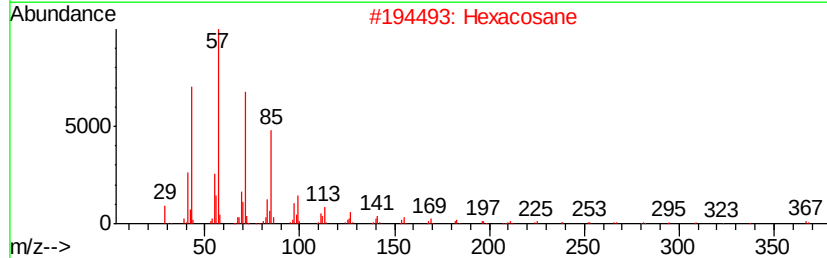
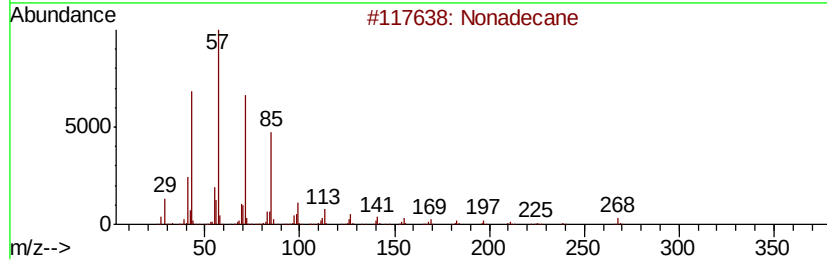
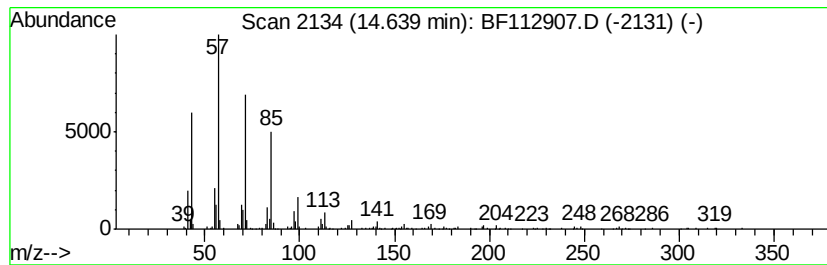
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.78 ng	270543	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentacosane	352	C25H52	000629-99-2	86
5		Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

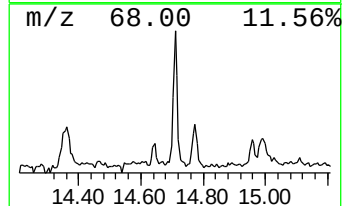
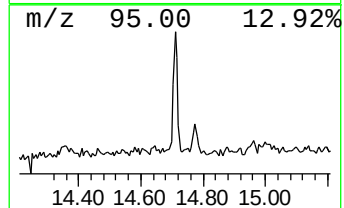
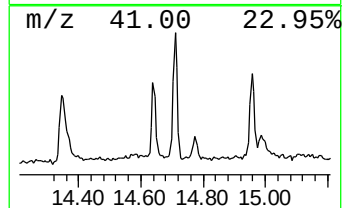
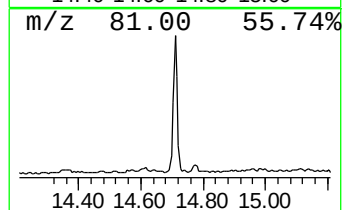
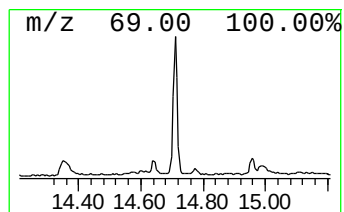
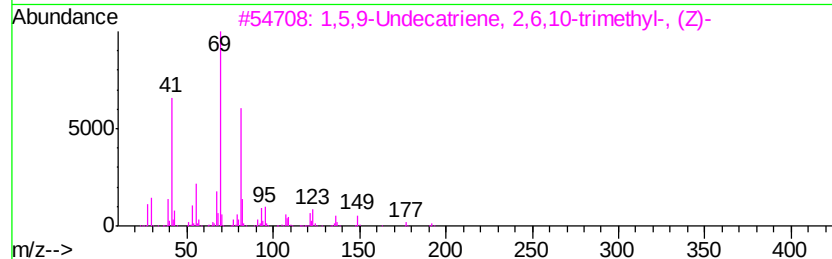
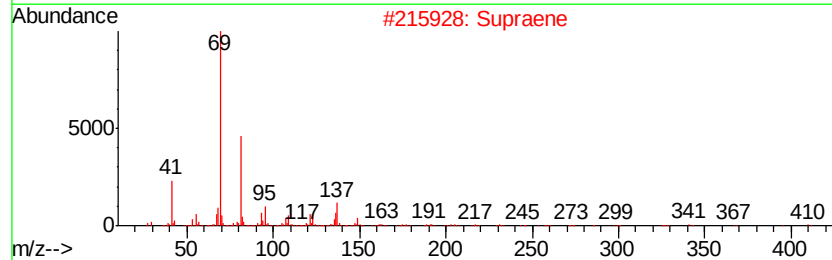
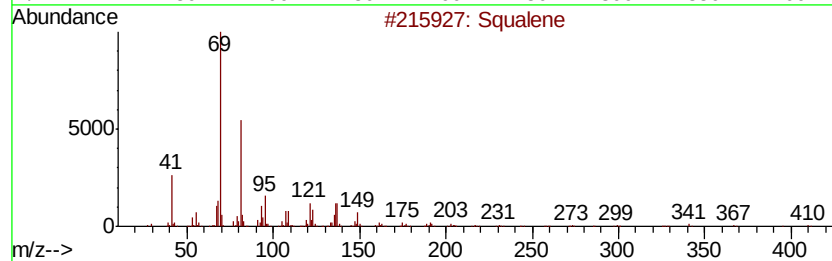
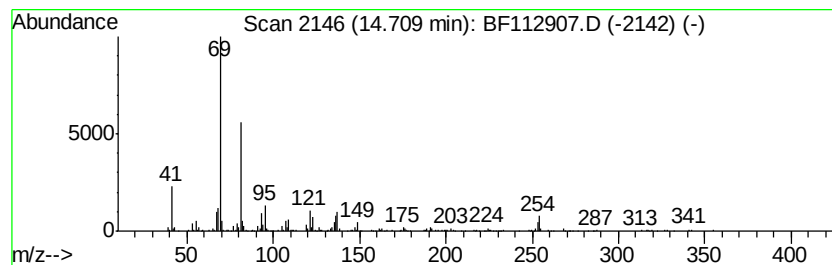
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.32 ng	309693	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	68
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

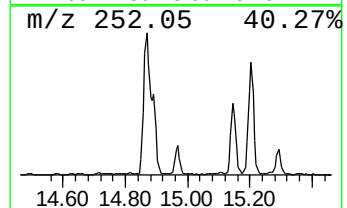
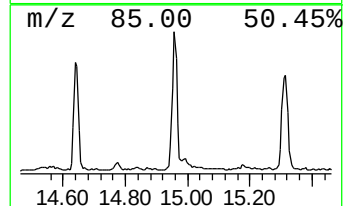
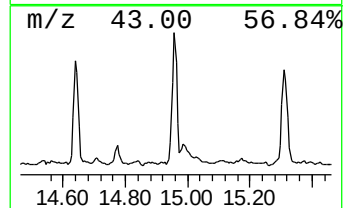
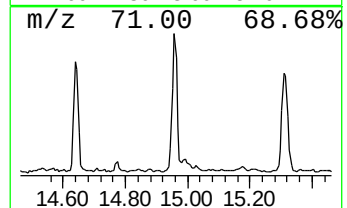
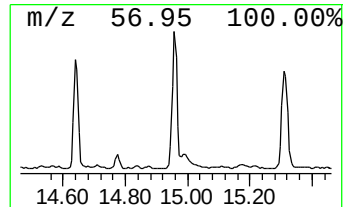
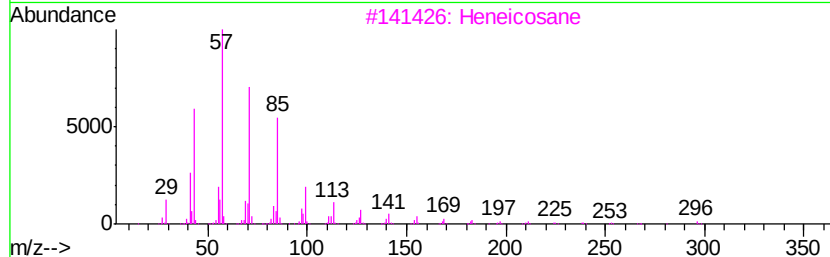
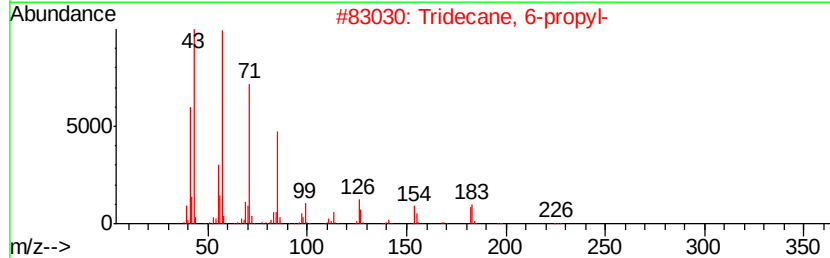
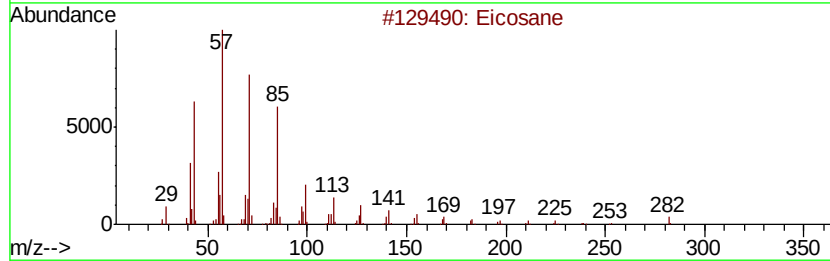
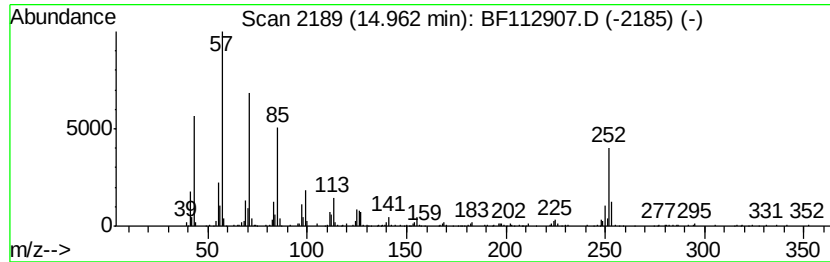
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

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 11 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.77 ng	341925	Perylene-d12	15.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	97
2	Tridecane, 6-propyl-	226 C16H34	055045-10-8	87
3	Heneicosane	296 C21H44	000629-94-7	87
4	Tetracosane	338 C24H50	000646-31-1	87
5	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

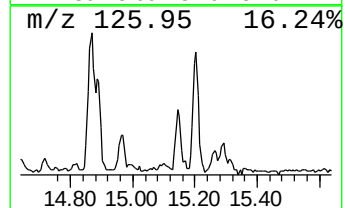
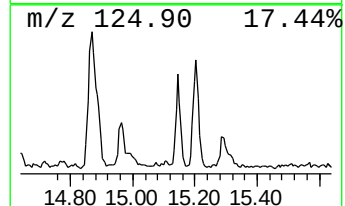
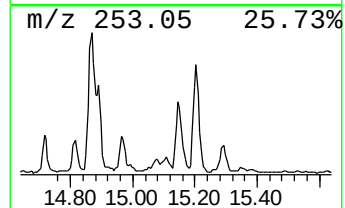
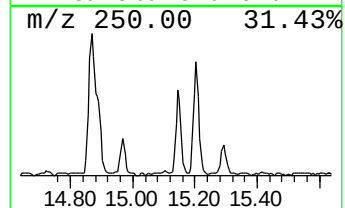
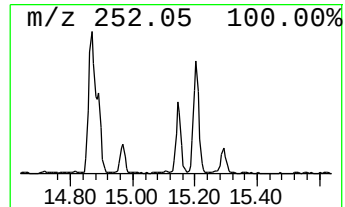
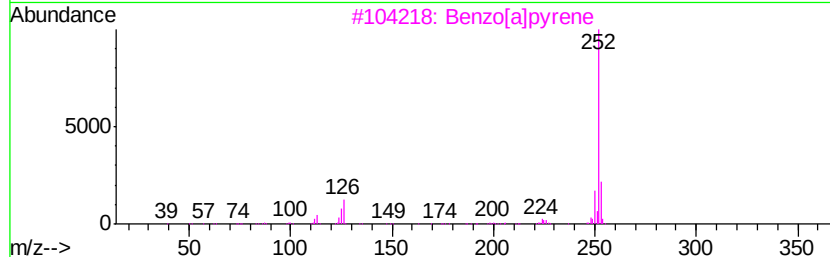
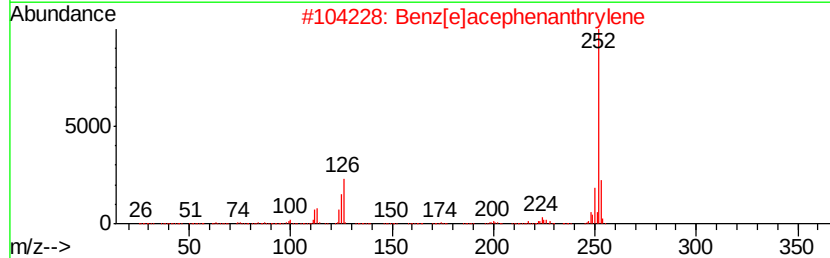
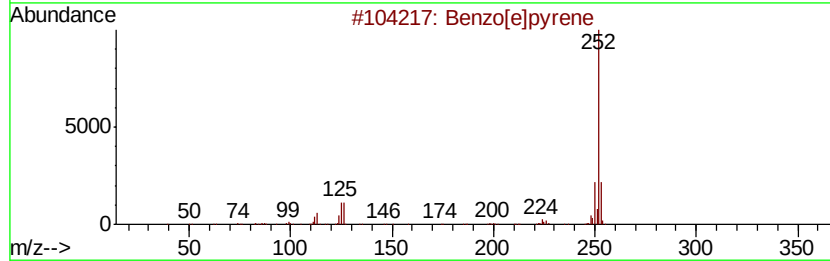
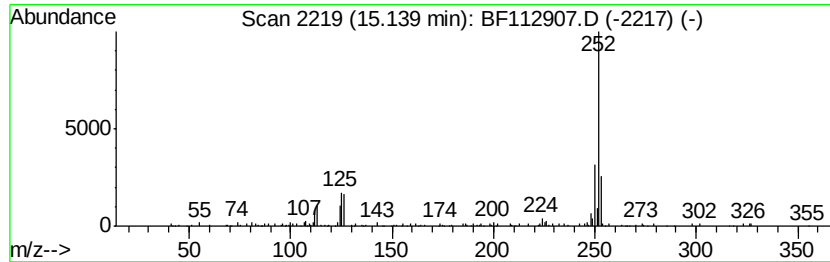
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.32 ng	166150	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	90
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112907.D
Acq On : 7 Mar 2019 3:27
Operator : JU/SJ
Sample : K1705-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW013-022719

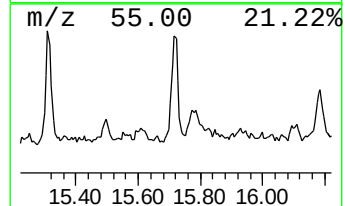
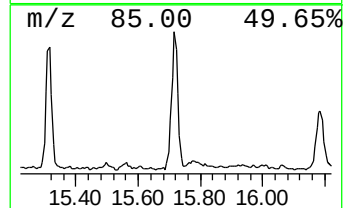
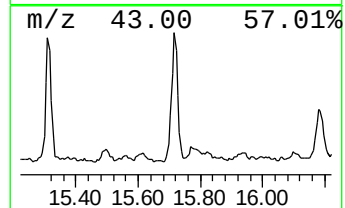
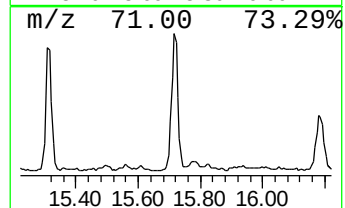
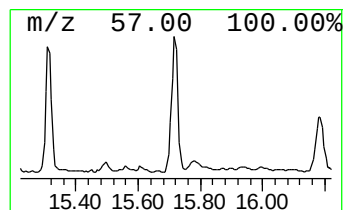
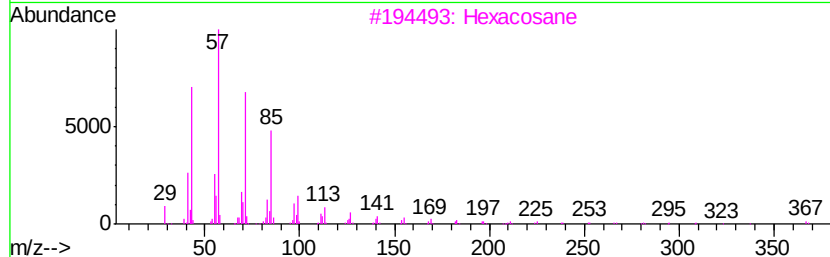
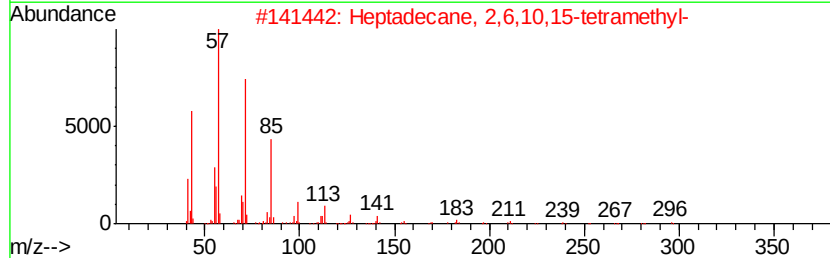
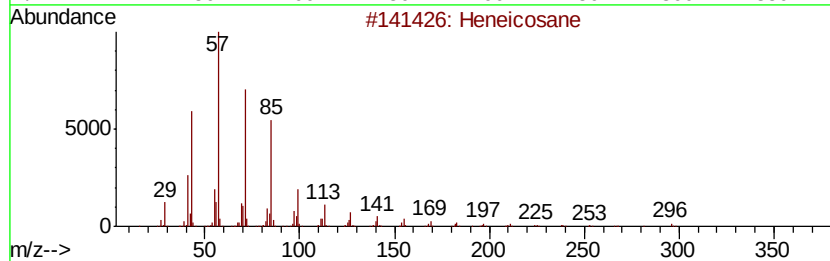
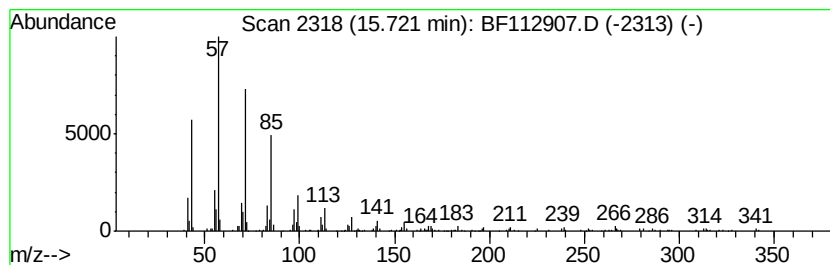
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.63 ng	331634	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112907.D
 Acq On : 7 Mar 2019 3:27
 Operator : JU/SJ
 Sample : K1705-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW013-022719

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
unknown6.50	6.50	58.3	ng	3289820	1	6.73	1127780	20.0
Benzeneethanol, 4...	9.33	2.7	ng	183412	3	9.76	1342190	20.0
Anthracene, 2-met...	11.74	2.5	ng	164888	4	11.24	1338780	20.0
n-Hexadecanoic acid	11.77	9.0	ng	601520	4	11.24	1338780	20.0
4H-Cyclopenta[def...	11.85	2.5	ng	168445	4	11.24	1338780	20.0
Oxalic acid, isob...	13.73	2.9	ng	329496	5	13.86	2302910	20.0
Hexacosane	14.34	2.4	ng	279481	5	13.86	2302910	20.0
Nonadecane	14.64	3.8	ng	270543	6	15.26	1433290	20.0
Squalene	14.71	4.3	ng	309693	6	15.26	1433290	20.0
Eicosane	14.96	4.8	ng	341925	6	15.26	1433290	20.0
Benzo[e]pyrene	15.14	2.3	ng	166150	6	15.26	1433290	20.0
Heneicosane	15.72	4.6	ng	331634	6	15.26	1433290	20.0