

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117299.D
 Acq On : 2 Oct 2019 15:05
 Operator : JU
 Sample : K5144-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

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-BF091319.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	5.428	565	568	586	rBV	401845	456463	76.24%	6.812%
2	6.451	738	742	761	rBV	422836	507022	84.69%	7.567%
3	6.581	761	764	783	rVB	612479	532655	88.97%	7.949%
4	6.810	800	803	813	rBV	158314	156986	26.22%	2.343%
5	6.963	825	829	843	rBV	475017	402656	67.25%	6.009%
6	7.369	895	898	912	rBV	270711	288677	48.22%	4.308%
7	8.092	1017	1021	1037	rBV	177857	203745	34.03%	3.041%
8	9.163	1199	1203	1216	rBV	668915	571891	95.52%	8.535%
9	9.557	1267	1270	1282	rVB	61660	51908	8.67%	0.775%
10	9.845	1315	1319	1323	rBV	253155	232297	38.80%	3.467%
11	9.875	1323	1324	1329	rVB	11765	8319	1.39%	0.124%
12	10.392	1410	1412	1418	rBB	6482	6943	1.16%	0.104%
13	10.633	1450	1453	1465	rBV	323435	315209	52.65%	4.704%
14	11.333	1568	1572	1574	rBV	224523	223637	37.35%	3.337%
15	11.357	1574	1576	1582	rVV	109523	102160	17.06%	1.525%
16	11.410	1582	1585	1590	rVB	21980	22524	3.76%	0.336%
17	11.569	1607	1612	1618	rBV2	7775	10978	1.83%	0.164%
18	11.833	1653	1657	1658	rBV	14269	11496	1.92%	0.172%
19	11.857	1658	1661	1667	rVB2	40428	56708	9.47%	0.846%
20	11.945	1674	1676	1679	rBV	18582	20599	3.44%	0.307%
21	12.127	1704	1707	1711	rVB2	6934	7223	1.21%	0.108%
22	12.163	1711	1713	1717	rBV2	7362	7561	1.26%	0.113%
23	12.380	1745	1750	1753	rBV2	8682	11485	1.92%	0.171%
24	12.474	1762	1766	1769	rVB3	9903	11438	1.91%	0.171%
25	12.545	1774	1778	1784	rBV	237287	210583	35.17%	3.143%
26	12.639	1791	1794	1798	rBV2	10934	12782	2.13%	0.191%
27	12.774	1811	1817	1823	rBV	204573	214332	35.80%	3.199%
28	12.827	1823	1826	1831	rVB3	8139	10906	1.82%	0.163%
29	12.910	1836	1840	1844	rBV	649568	598705	100.00%	8.935%
30	12.992	1850	1854	1858	rBV3	12238	20147	3.37%	0.301%
31	13.104	1866	1873	1876	rBV4	22093	36712	6.13%	0.548%
32	13.139	1876	1879	1882	rVB3	7375	9249	1.54%	0.138%
33	13.168	1882	1884	1888	rBV2	13828	17416	2.91%	0.260%
34	13.210	1888	1891	1893	rBV2	14632	15106	2.52%	0.225%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100219\
 Data File : BF117299.D
 Acq On : 2 Oct 2019 15:05
 Operator : JU
 Sample : K5144-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

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-BF091319.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.304	1903	1907	1910	rBV	9810	11780	1.97%	0.176%
36	13.333	1910	1912	1914	rBV	8924	7551	1.26%	0.113%
37	13.621	1958	1961	1967	rVB	18920	22152	3.70%	0.331%
38	13.727	1976	1979	1981	rBV	21061	21457	3.58%	0.320%
39	13.751	1981	1983	1986	rVB	16099	11798	1.97%	0.176%
40	13.780	1986	1988	1989	rBV	12995	10631	1.78%	0.159%
41	13.810	1990	1993	1995	rBV	38765	45125	7.54%	0.673%
42	13.939	2013	2015	2017	rBV2	22072	23029	3.85%	0.344%
43	13.974	2017	2021	2024	rVV2	300186	375253	62.68%	5.600%
44	14.004	2024	2026	2029	rVV	94426	87092	14.55%	1.300%
45	14.063	2033	2036	2037	rBV3	7953	8081	1.35%	0.121%
46	14.080	2037	2039	2042	rVB3	16437	14809	2.47%	0.221%
47	14.127	2045	2047	2049	rBV2	10992	9950	1.66%	0.148%
48	14.321	2078	2080	2082	rBV2	10011	7832	1.31%	0.117%
49	14.363	2085	2087	2091	rVB2	22380	20855	3.48%	0.311%
50	14.398	2091	2093	2095	rBV3	10247	10016	1.67%	0.149%
51	14.686	2139	2142	2143	rBV3	11077	10546	1.76%	0.157%
52	14.727	2147	2149	2154	rVB5	15338	17886	2.99%	0.267%
53	14.804	2159	2162	2165	rVB	35001	32117	5.36%	0.479%
54	14.857	2168	2171	2172	rBV3	16638	18617	3.11%	0.278%
55	15.015	2194	2198	2201	rBV	70848	113769	19.00%	1.698%
56	15.310	2245	2248	2255	rVB	36023	44718	7.47%	0.667%
57	15.368	2255	2258	2263	rBV	56669	75165	12.55%	1.122%
58	15.433	2265	2269	2274	rBV	141465	172868	28.87%	2.580%
59	15.851	2336	2340	2348	rVB5	27019	43559	7.28%	0.650%
60	16.433	2437	2439	2441	rBV3	8572	7432	1.24%	0.111%
61	16.892	2514	2517	2524	rVB4	28693	54905	9.17%	0.819%
62	17.333	2588	2592	2602	rVB3	20255	55282	9.23%	0.825%

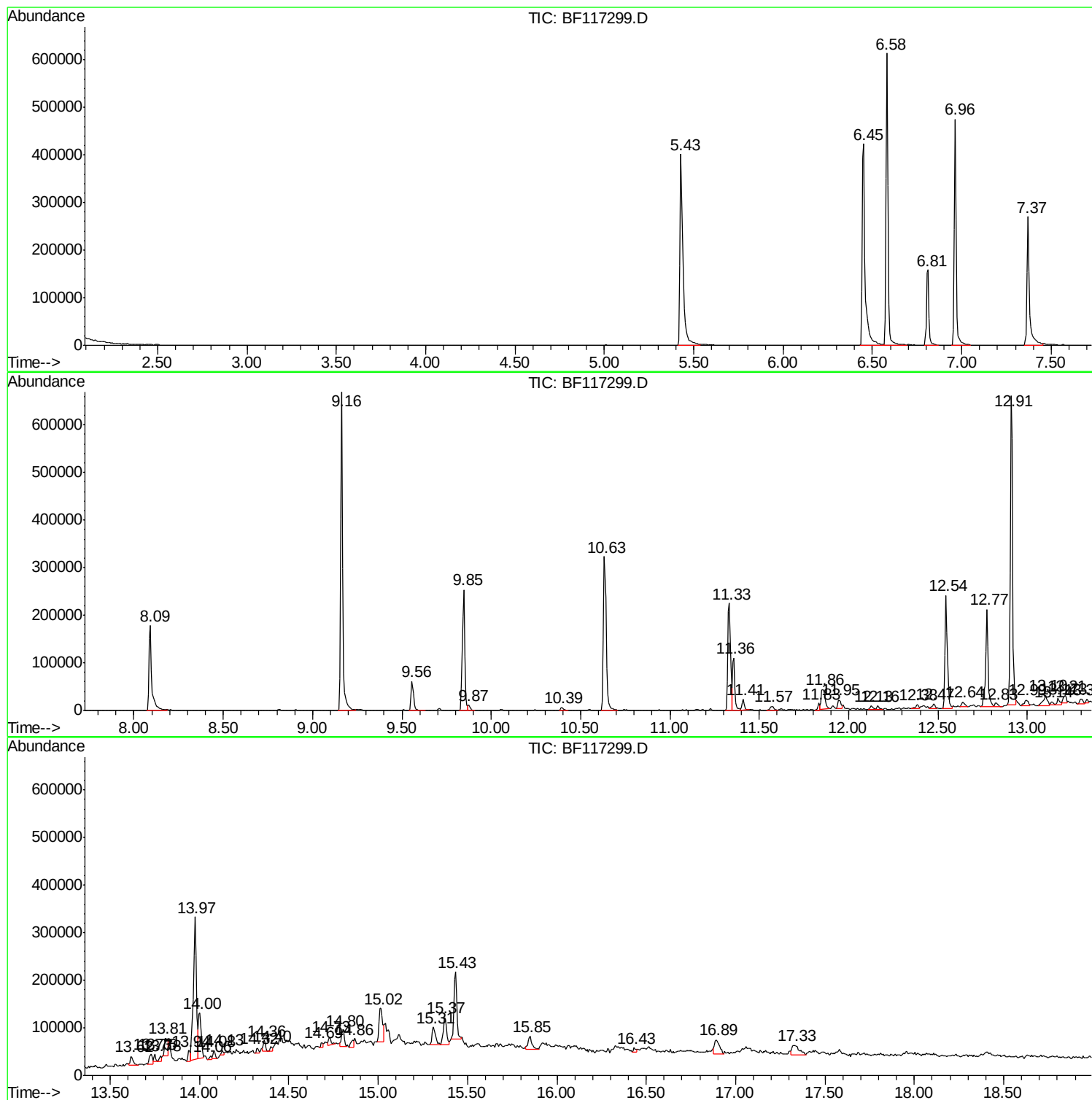
Sum of corrected areas: 6700793

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.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\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

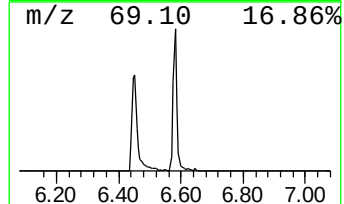
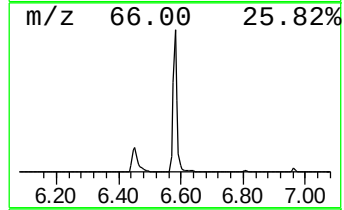
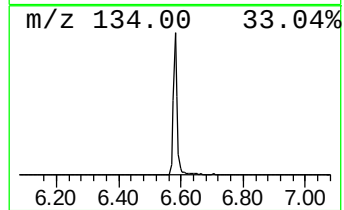
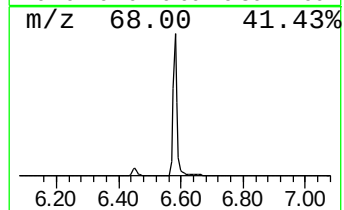
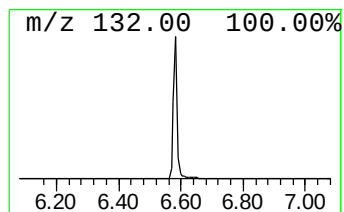
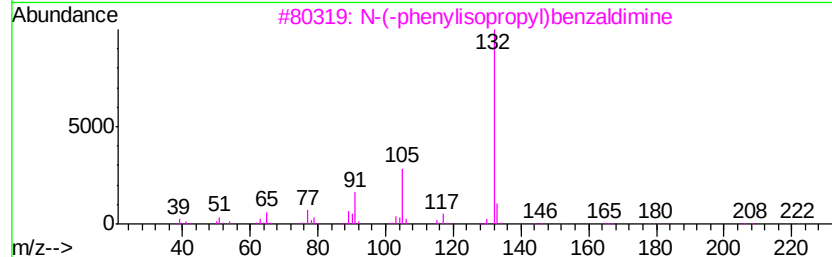
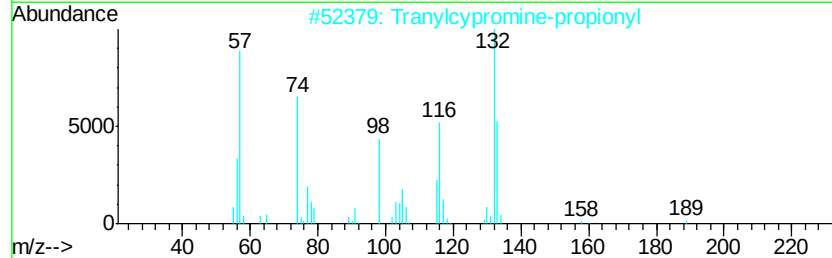
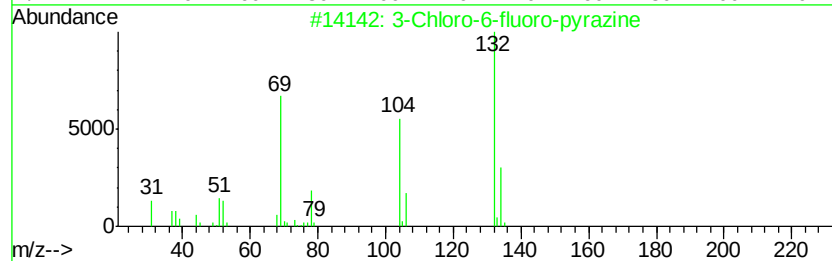
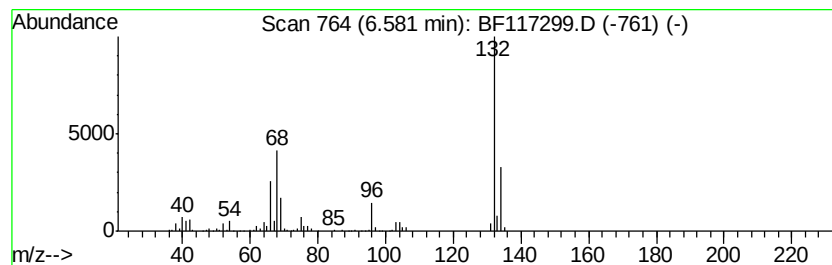
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	67.86 ng	532655	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

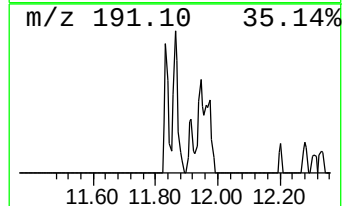
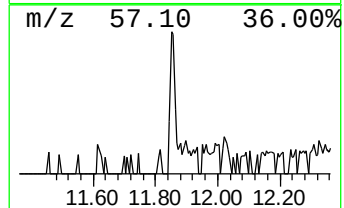
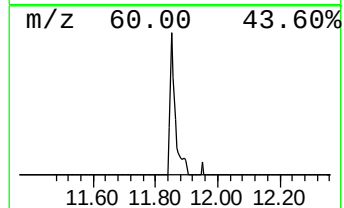
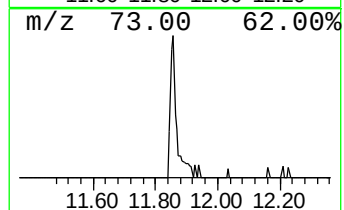
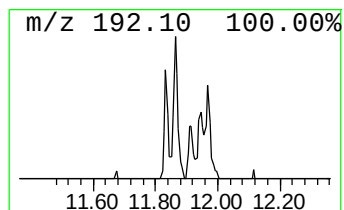
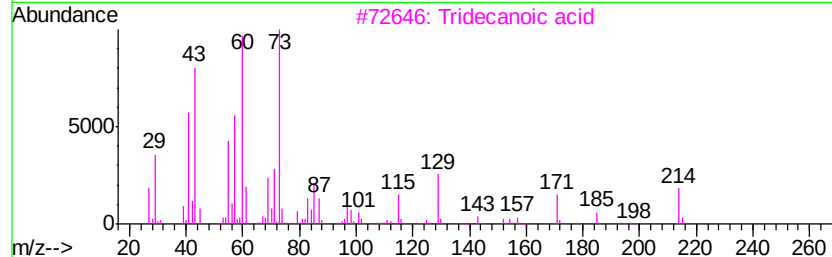
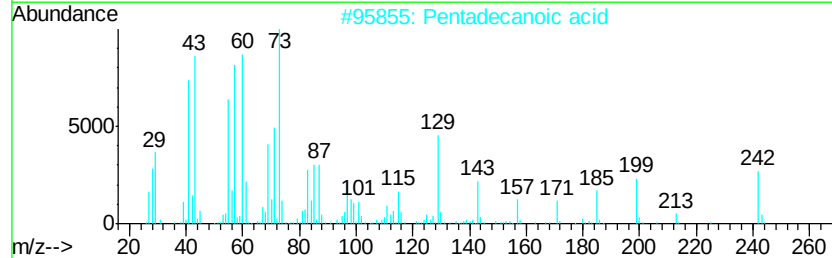
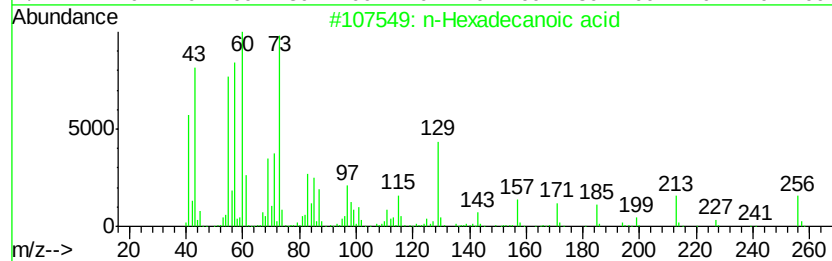
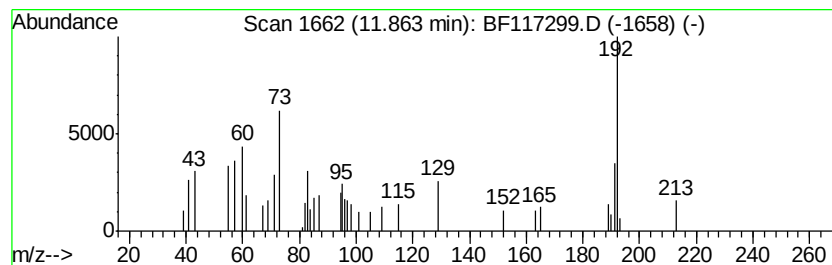
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	5.07 ng	56708	Phenanthrene-d10		11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50	
4	Undecanoic acid	186	C11H22O2	000112-37-8	50	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

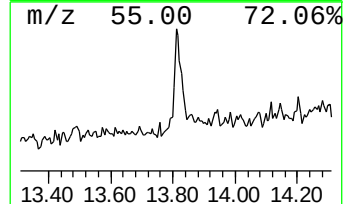
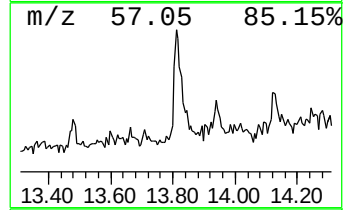
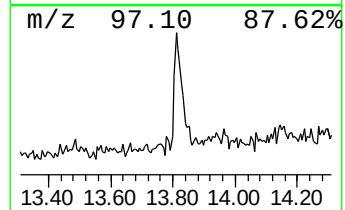
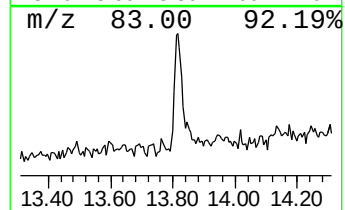
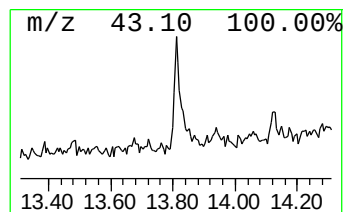
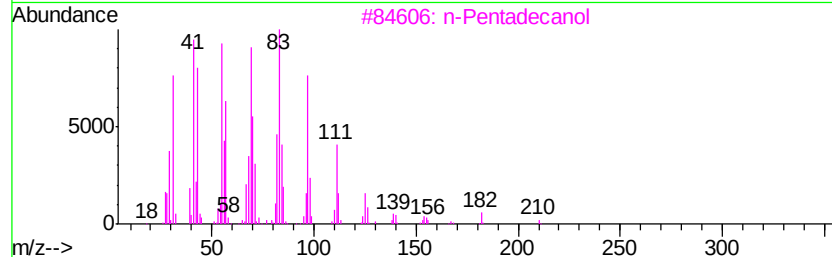
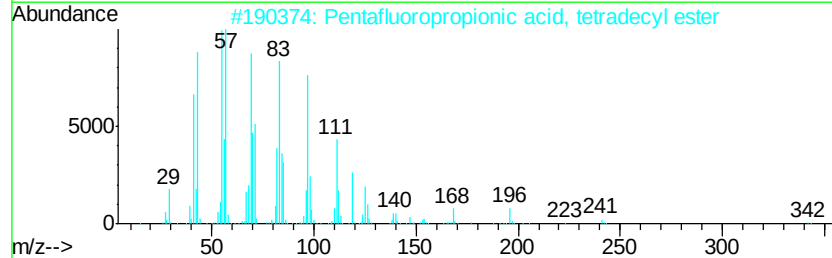
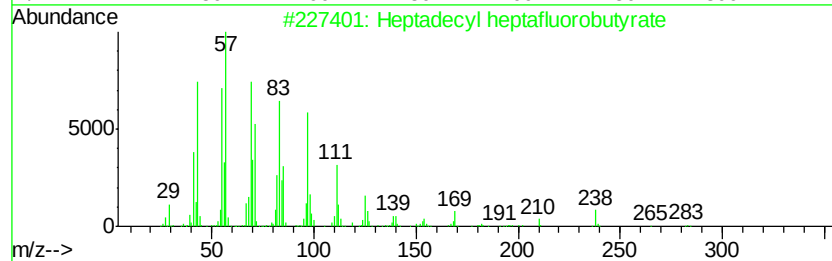
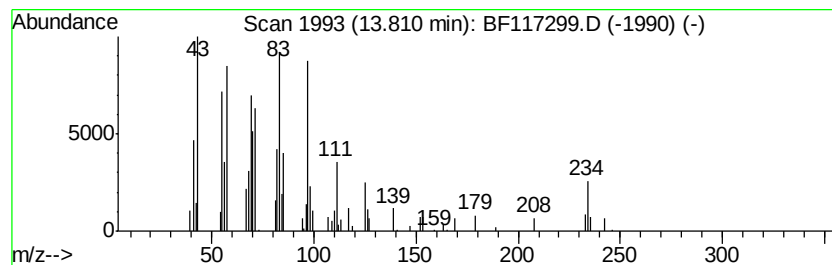
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.41 ng	45125	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	80
3		n-Pentadecanol	228	C15H32O	000629-76-5	74
4		Behenic alcohol	326	C22H46O	000661-19-8	68
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

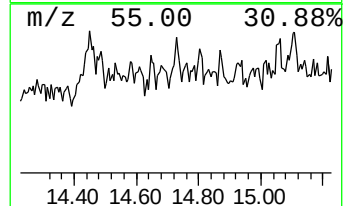
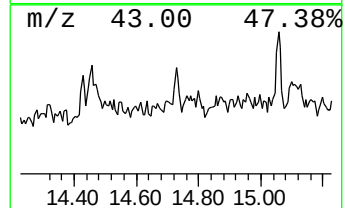
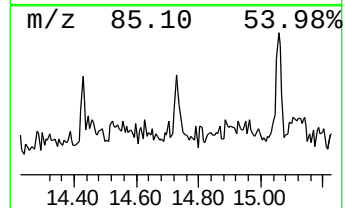
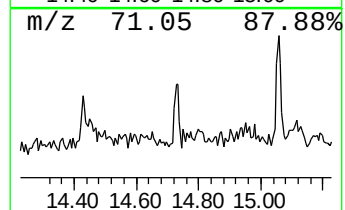
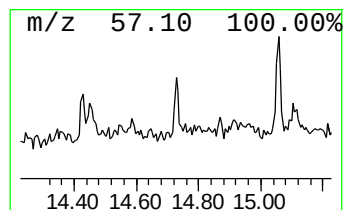
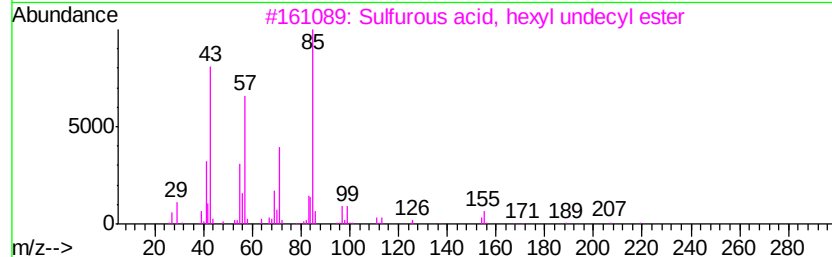
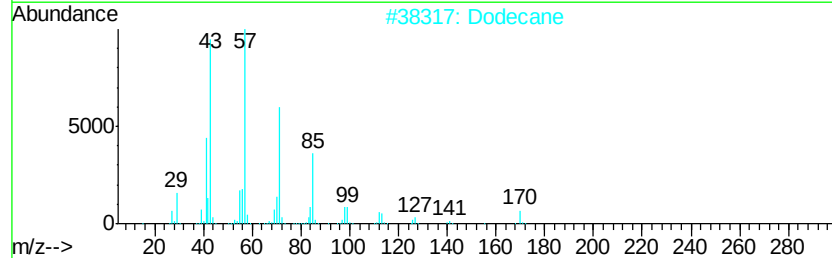
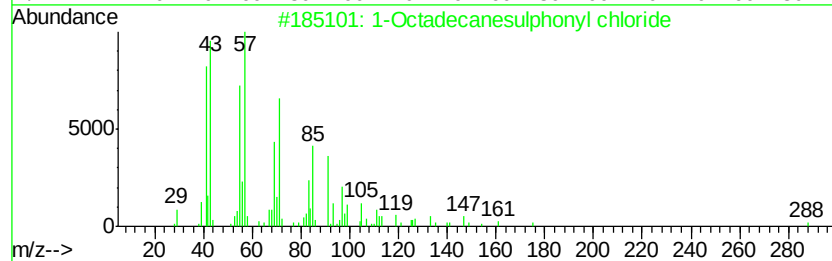
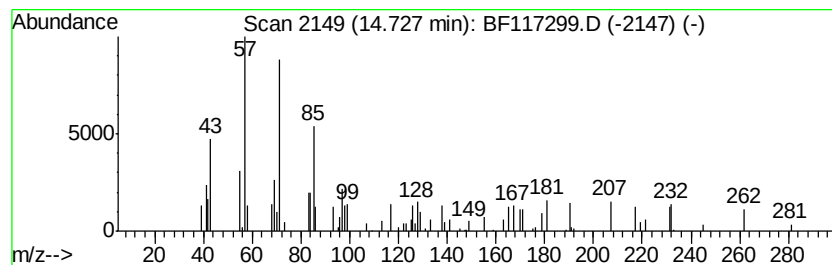
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Octadecanesulphonyl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.07 ng	17886	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	53
2		Dodecane	170	C12H26	000112-40-3	52
3		Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	38
4		Heptacosane	380	C27H56	000593-49-7	38
5		Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

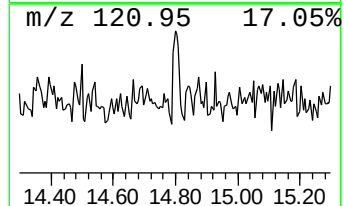
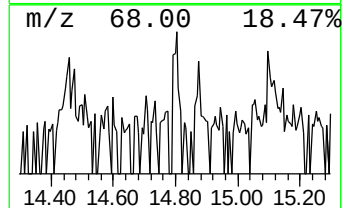
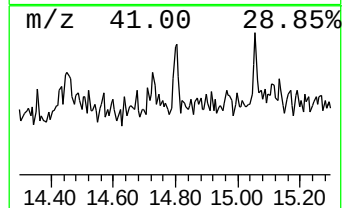
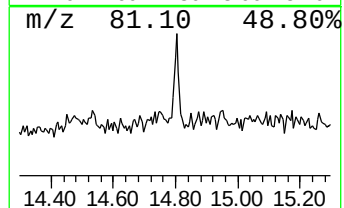
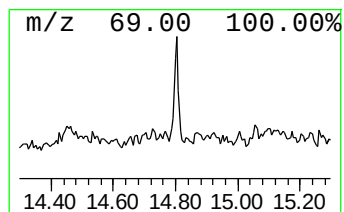
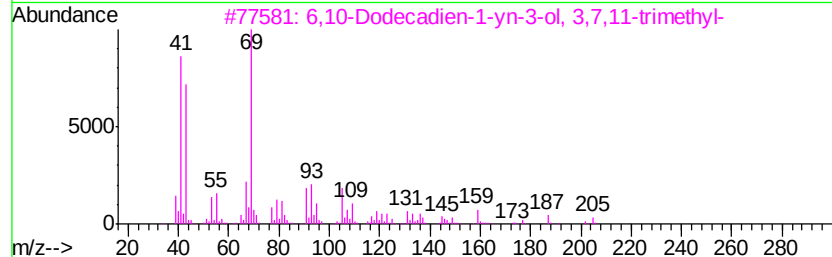
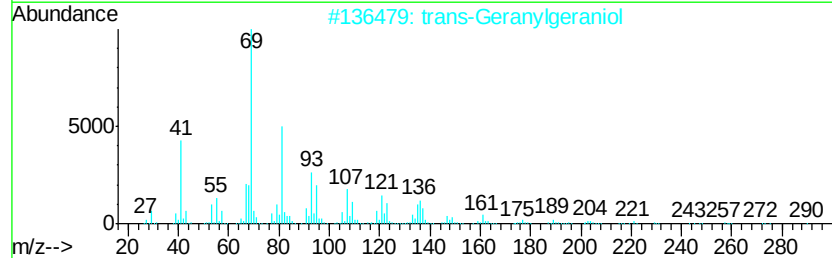
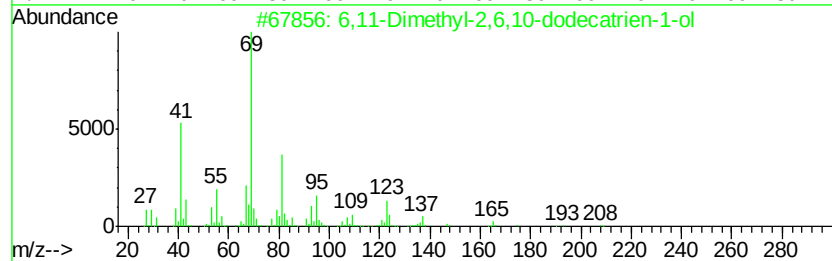
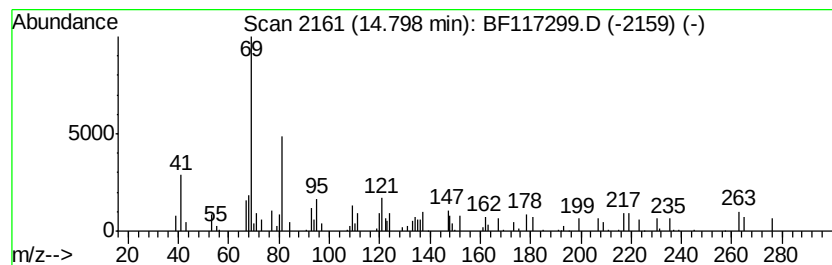
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 6,11-Dimethyl-2,6,10-dodeca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.72 ng	32117	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	68
2		trans-Geranylgeraniol	290	C20H34O	024034-73-9	64
3		6,10-Dodecadien-1-yn-3-ol, 3,7,1...	220	C15H24O	002387-68-0	59
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	58
5		2,6,11,15-Tetramethyl-hexadeca-2...	272	C20H32	038259-79-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

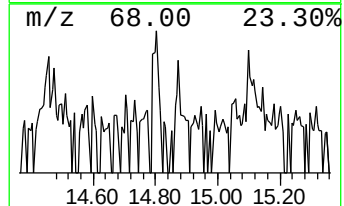
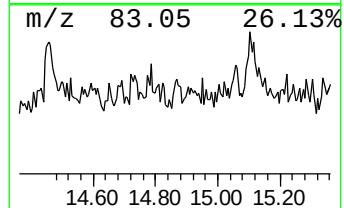
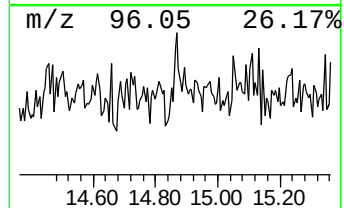
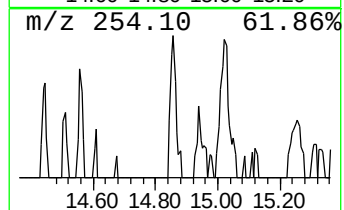
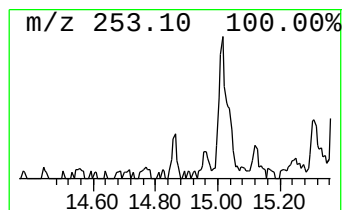
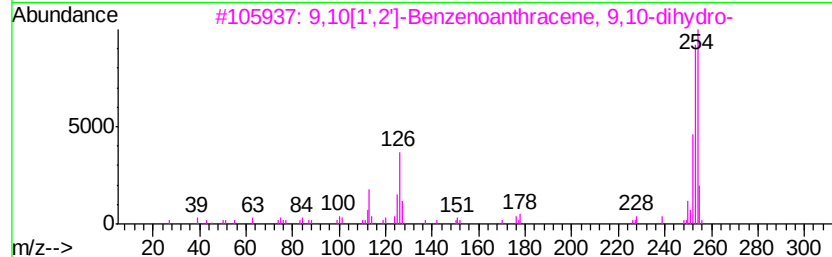
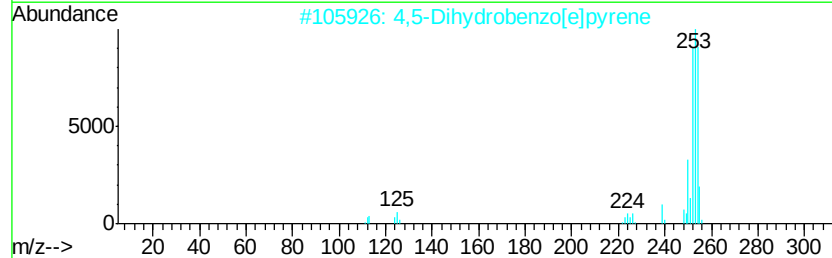
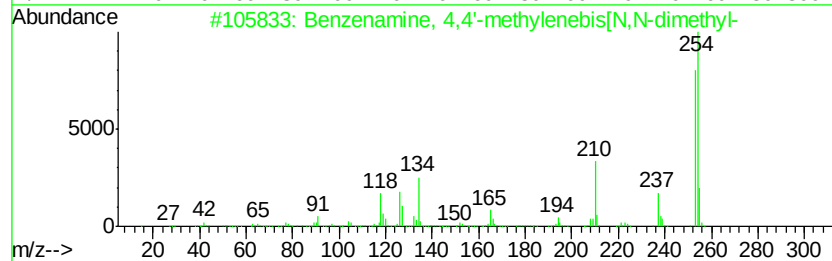
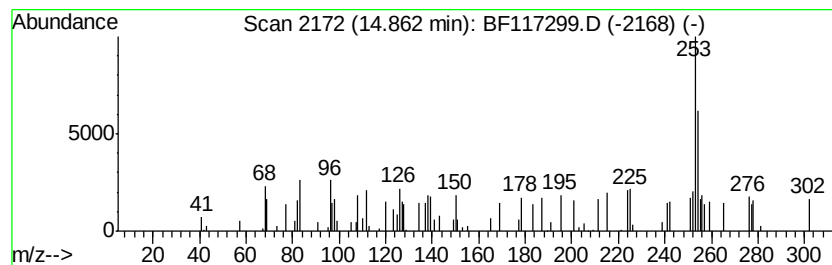
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.86 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.15 ng	18617	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	43
2		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43
3		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	38
4		1,1'-Binaphthalene	254	C20H14	000604-53-5	38
5		4-Hydroxy-2,7-diamino-6-phenylpt...	254	C12H10N6O	019375-89-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

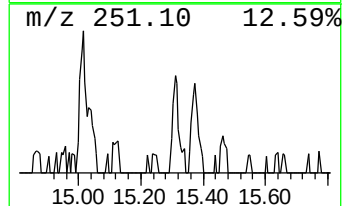
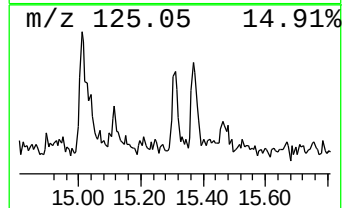
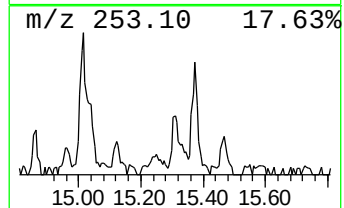
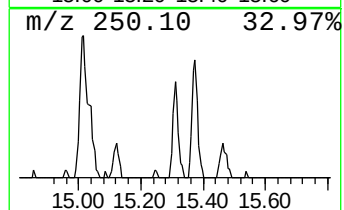
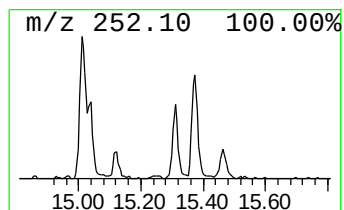
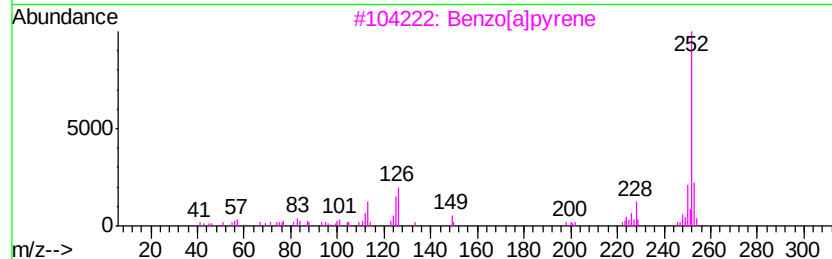
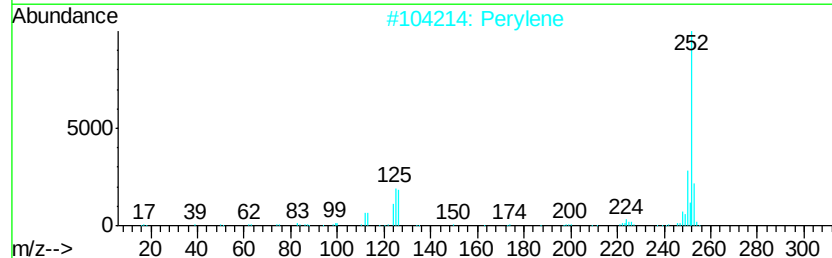
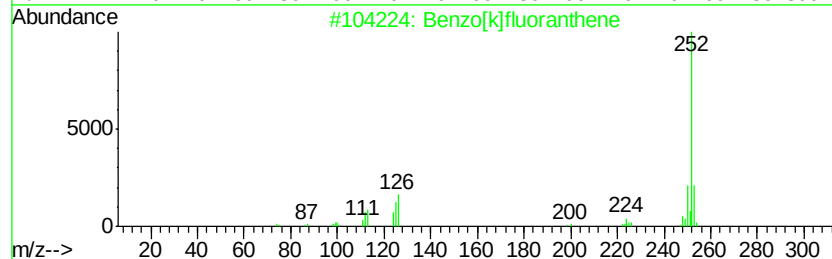
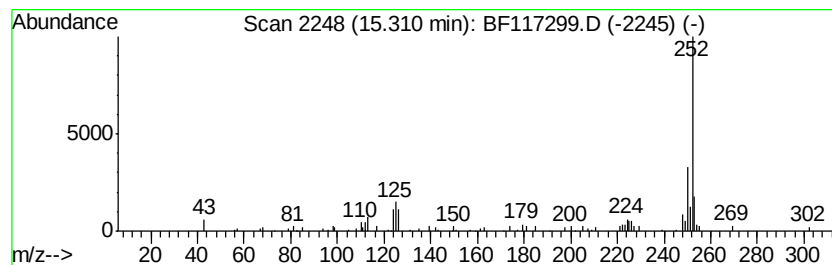
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	5.17 ng	44718	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
2		Perylene	252	C20H12	000198-55-0	83
3		Benzo[a]pyrene	252	C20H12	000050-32-8	81
4		Benzo[e]pyrene	252	C20H12	000192-97-2	76
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117299.D
 Acq On : 2 Oct 2019 15:05
 Operator : JU
 Sample : K5144-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

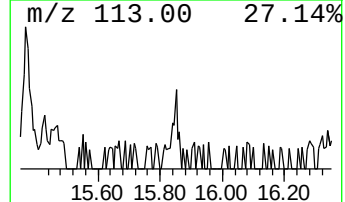
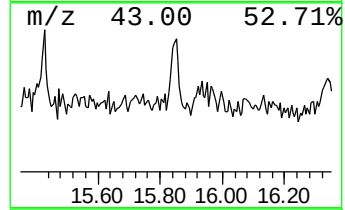
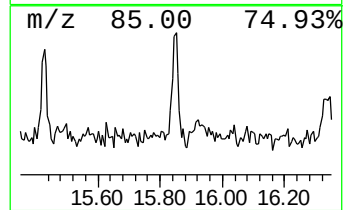
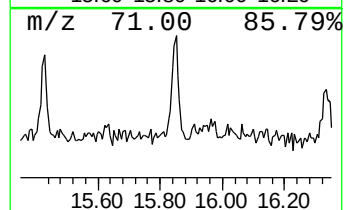
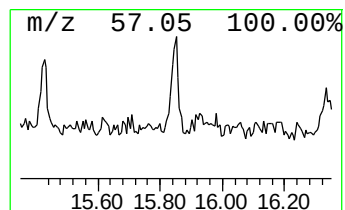
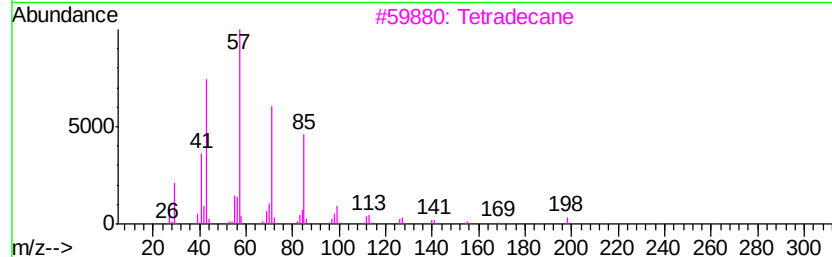
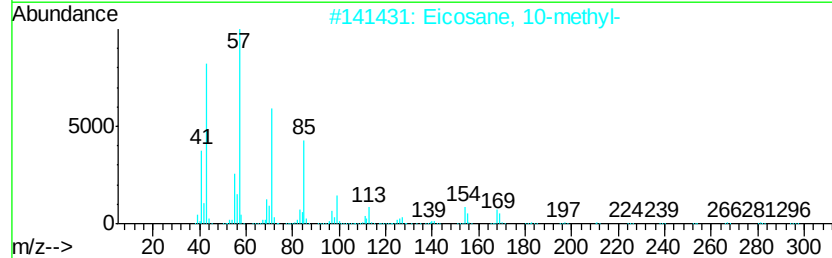
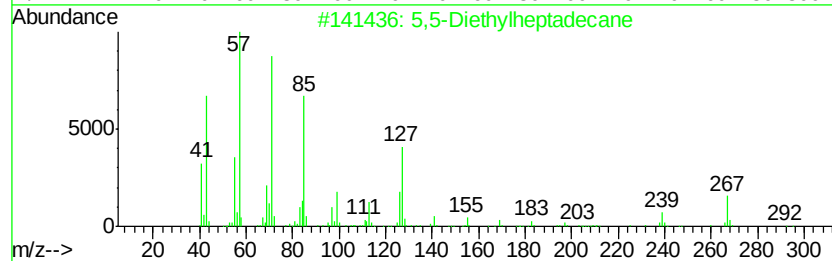
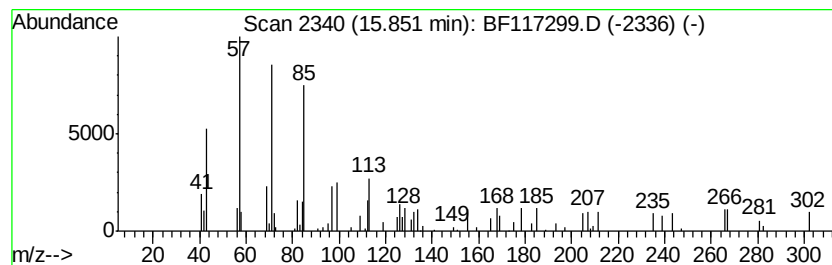
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 5,5-Diethylheptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.85	5.04 ng	43559	Perylene-d12		15.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Diethylheptadecane	296	C21H44	1000360-41-7	59
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	59
3	Tetradecane	198	C14H30	000629-59-4	50
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50
5	Eicosane	282	C20H42	000112-95-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100219\
Data File : BF117299.D
Acq On : 2 Oct 2019 15:05
Operator : JU
Sample : K5144-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.58	6.58	67.9	ng	532655	1	6.81	156986	20.0
n-Hexadecanoic acid	11.86	5.1	ng	56708	4	11.33	223637	20.0
Heptadecyl heptaf...	13.81	2.4	ng	45125	5	13.97	375253	20.0
1-Octadecanesulph...	14.73	2.1	ng	17886	6	15.43	172868	20.0
6,11-Dimethyl-2,6...	14.80	3.7	ng	32117	6	15.43	172868	20.0
unknown14.86	14.86	2.1	ng	18617	6	15.43	172868	20.0
Perylene	15.31	5.2	ng	44718	6	15.43	172868	20.0
5,5-Diethylheptad...	15.85	5.0	ng	43559	6	15.43	172868	20.0