

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080619\
 Data File : BF116008.D
 Acq On : 6 Aug 2019 13:02
 Operator : HP/JU
 Sample : K4136-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

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-BF073019.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	5.463	571	574	598	rBV	1662616	2244694	41.81%	2.876%
2	5.610	598	599	614	rVB	49523	78987	1.47%	0.101%
3	6.475	742	746	766	rBV	2315498	2414708	44.98%	3.094%
4	6.616	766	770	779	rBV	2533969	2433518	45.33%	3.118%
5	6.840	805	808	824	rVB	822251	750465	13.98%	0.962%
6	6.998	831	835	846	rBV	2179726	1894592	35.29%	2.428%
7	7.404	900	904	917	rBV	1510195	1543633	28.75%	1.978%
8	8.122	1022	1026	1040	rBV	1081504	952358	17.74%	1.220%
9	9.198	1204	1209	1212	rBV	2757525	2675911	49.84%	3.429%
10	9.592	1272	1276	1281	rBV	139639	143219	2.67%	0.184%
11	9.875	1320	1324	1328	rBV	1353952	1131709	21.08%	1.450%
12	10.663	1454	1458	1466	rBV	1701653	1719381	32.03%	2.203%
13	10.728	1466	1469	1476	rVB	52253	65945	1.23%	0.084%
14	10.945	1501	1506	1508	rBV	50173	62221	1.16%	0.080%
15	11.033	1514	1521	1523	rBV3	89054	144550	2.69%	0.185%
16	11.063	1524	1526	1530	rVB2	58593	62710	1.17%	0.080%
17	11.133	1536	1538	1540	rBV	102111	72429	1.35%	0.093%
18	11.169	1540	1544	1547	rBV	262698	260916	4.86%	0.334%
19	11.222	1550	1553	1555	rBV2	115910	102553	1.91%	0.131%
20	11.251	1555	1558	1564	rVB	360695	349842	6.52%	0.448%
21	11.316	1564	1569	1571	rBV2	215753	402174	7.49%	0.515%
22	11.363	1571	1577	1580	rBV2	1229585	1364788	25.42%	1.749%
23	11.404	1582	1584	1588	rVB2	374534	382132	7.12%	0.490%
24	11.445	1588	1591	1595	rVB	355838	398078	7.41%	0.510%
25	11.486	1595	1598	1600	rBV2	666617	627604	11.69%	0.804%
26	11.516	1600	1603	1605	rBV	485212	437544	8.15%	0.561%
27	11.586	1612	1615	1618	rBV2	826872	879173	16.38%	1.126%
28	11.680	1625	1631	1633	rBV3	519188	1106769	20.62%	1.418%
29	11.716	1635	1637	1641	rVV2	524459	748860	13.95%	0.960%
30	11.757	1641	1644	1646	rVV2	745361	801419	14.93%	1.027%
31	11.780	1646	1648	1650	rVV2	560915	467751	8.71%	0.599%
32	11.810	1650	1653	1654	rVV	429281	323120	6.02%	0.414%
33	11.851	1654	1660	1662	rBV3	384682	690894	12.87%	0.885%
34	11.904	1662	1669	1671	rVV4	2081972	3486869	64.95%	4.468%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080619\
 Data File : BF116008.D
 Acq On : 6 Aug 2019 13:02
 Operator : HP/JU
 Sample : K4136-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

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-BF073019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.927	1671	1673	1677	rVB2	260076	269691	5.02%	0.346%
36	12.051	1692	1694	1698	rBV2	287793	248000	4.62%	0.318%
37	12.104	1701	1703	1707	rVB3	381402	496722	9.25%	0.636%
38	12.139	1707	1709	1711	rVB2	212675	147971	2.76%	0.190%
39	12.169	1712	1714	1717	rBV3	192919	224299	4.18%	0.287%
40	12.204	1717	1720	1722	rBV2	332000	397840	7.41%	0.510%
41	12.257	1727	1729	1731	rVB2	163037	108640	2.02%	0.139%
42	12.286	1731	1734	1736	rBV2	438382	564019	10.51%	0.723%
43	12.339	1740	1743	1745	rBV3	174932	191442	3.57%	0.245%
44	12.363	1745	1747	1749	rBV	367318	374740	6.98%	0.480%
45	12.516	1771	1773	1781	rVB4	395688	810377	15.09%	1.038%
46	12.580	1781	1784	1789	rBV2	641219	1182183	22.02%	1.515%
47	12.686	1795	1802	1808	rBV2	2371570	3777640	70.37%	4.840%
48	12.804	1820	1822	1825	rBV	390873	351040	6.54%	0.450%
49	12.945	1842	1846	1849	rBV	2778782	2677175	49.87%	3.430%
50	13.374	1915	1919	1926	rVB	1098844	1663550	30.99%	2.132%
51	13.939	2010	2015	2019	rVB	2125776	2901874	54.05%	3.718%
52	14.004	2022	2026	2029	rVB2	933646	941300	17.53%	1.206%
53	14.157	2049	2052	2057	rVB2	372475	418578	7.80%	0.536%
54	14.421	2090	2097	2100	rBV	2961158	4270044	79.54%	5.471%
55	14.457	2100	2103	2108	rVB	810511	890662	16.59%	1.141%
56	14.763	2151	2155	2164	rVB	1447151	1664803	31.01%	2.133%
57	14.863	2165	2172	2187	rVB	3208982	5368593	100.00%	6.879%
58	15.045	2199	2203	2206	rBV	151279	231881	4.32%	0.297%
59	15.098	2207	2212	2217	rVB	1582042	1944393	36.22%	2.491%
60	15.339	2246	2253	2261	rBV	2685495	4747324	88.43%	6.083%
61	15.404	2261	2264	2269	rVV	188705	261478	4.87%	0.335%
62	15.468	2270	2275	2290	rVB2	1998126	3000400	55.89%	3.844%
63	15.674	2305	2310	2311	rBV3	80773	141158	2.63%	0.181%
64	15.880	2337	2345	2366	rVB	1683340	4371307	81.42%	5.601%
65	16.392	2427	2432	2442	rVB	349839	669265	12.47%	0.858%
66	16.492	2443	2449	2458	rVB	460169	989760	18.44%	1.268%
67	16.939	2521	2525	2526	rBV	60166	80788	1.50%	0.104%
68	17.209	2566	2571	2581	rVB	135475	355510	6.62%	0.456%
69	17.374	2595	2599	2606	rBV	43657	89062	1.66%	0.114%

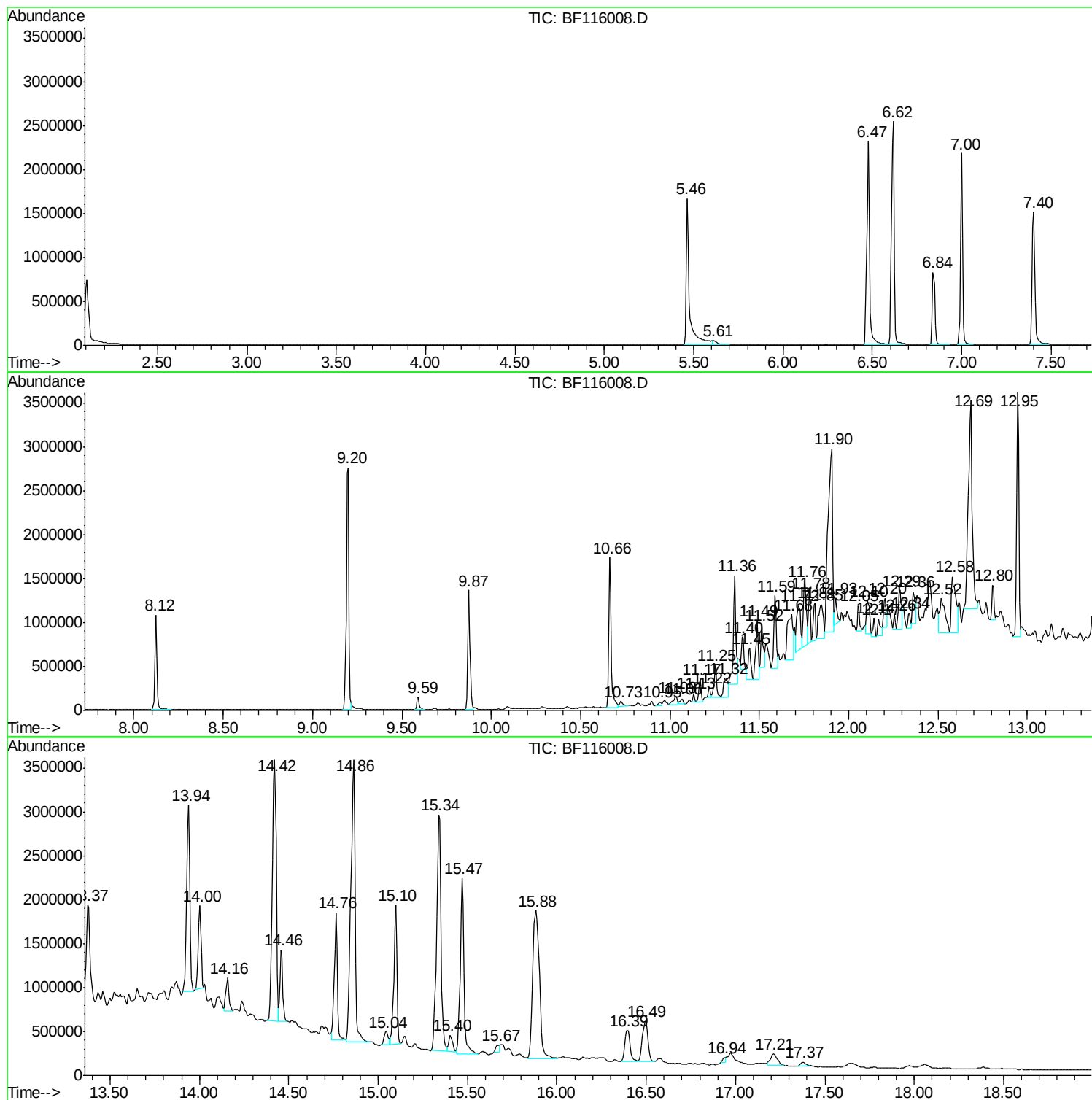
Sum of corrected areas: 78045025

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.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\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

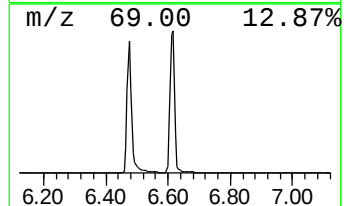
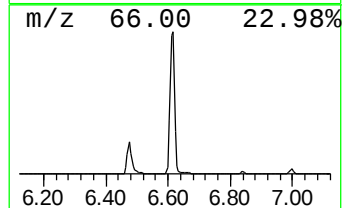
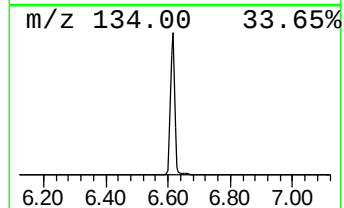
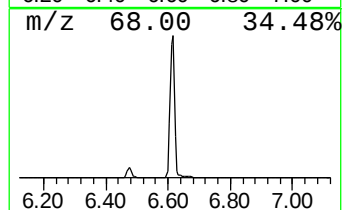
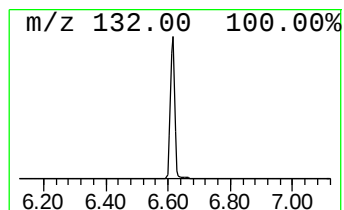
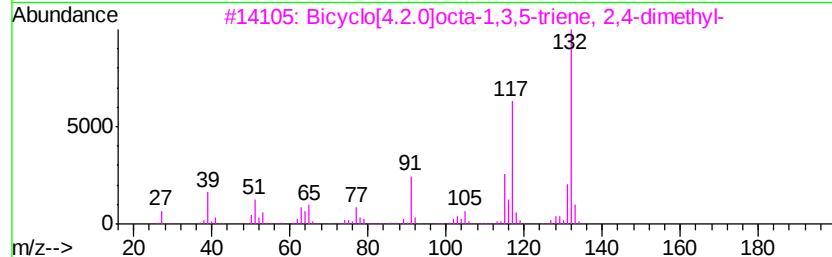
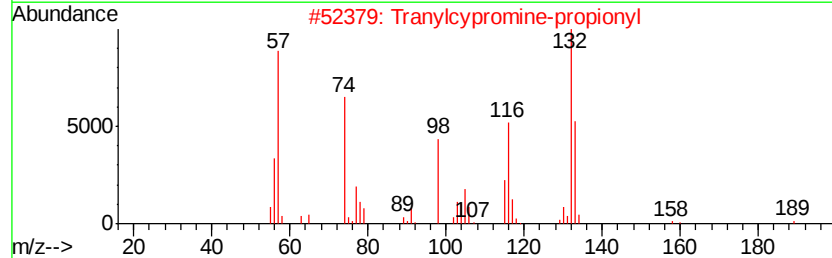
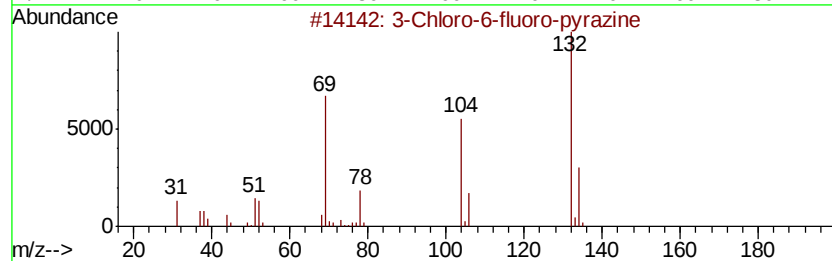
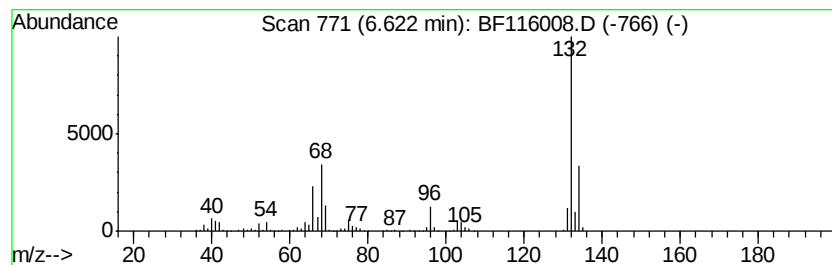
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	64.85 ng	2433520	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

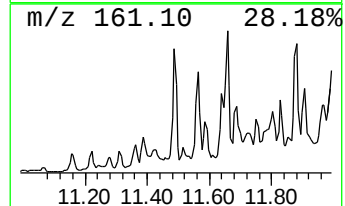
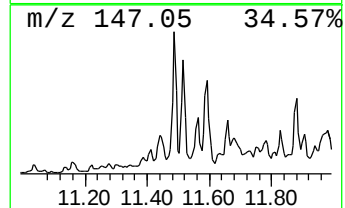
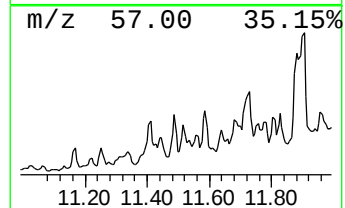
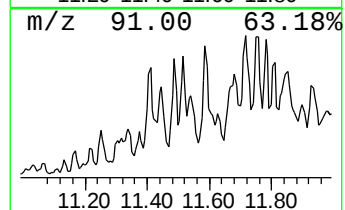
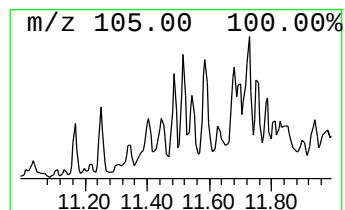
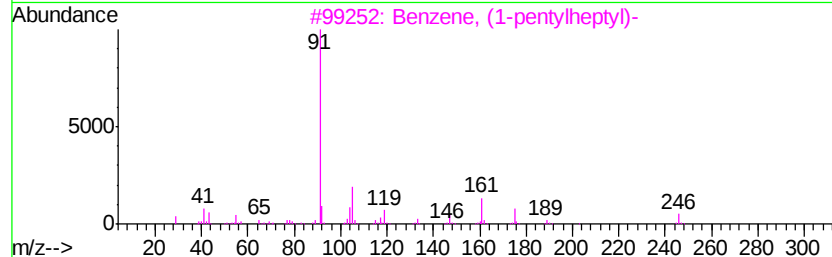
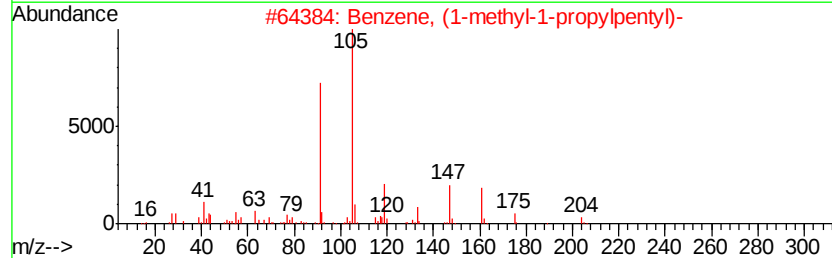
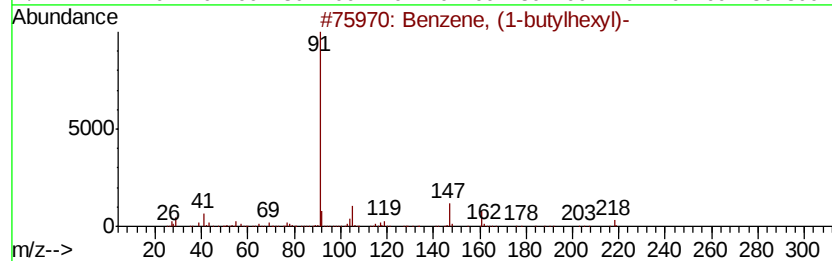
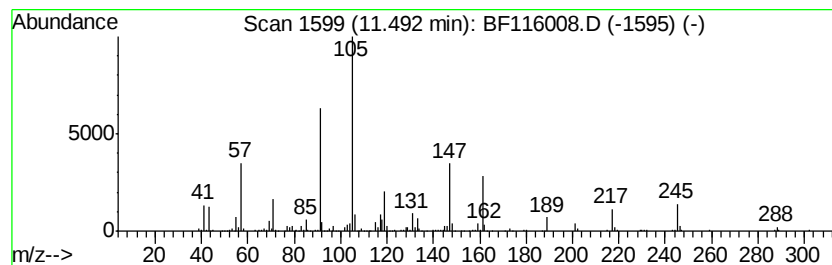
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown11.49 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.49	9.20 ng	627604	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	47
2	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	43
3	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	38
4	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	38
5	Benzene, (1-pentylloctyl)-	260	C19H32	004534-49-0	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

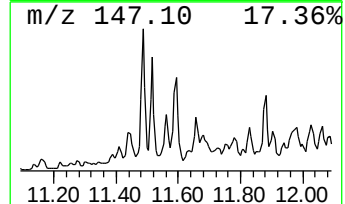
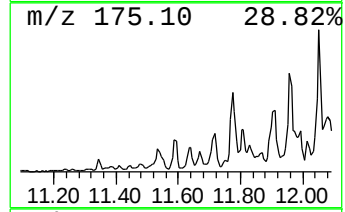
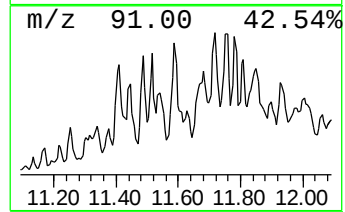
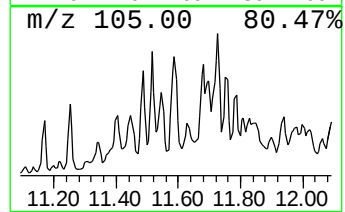
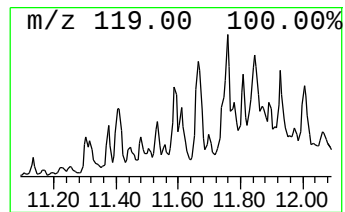
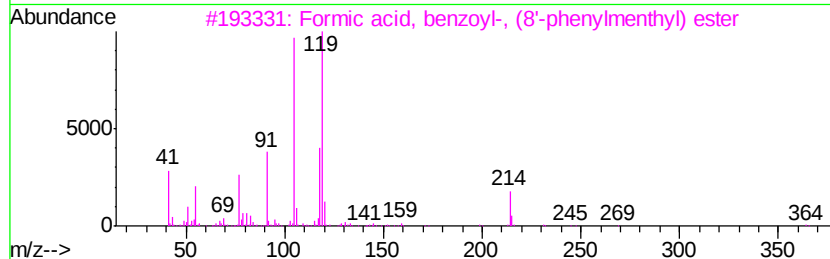
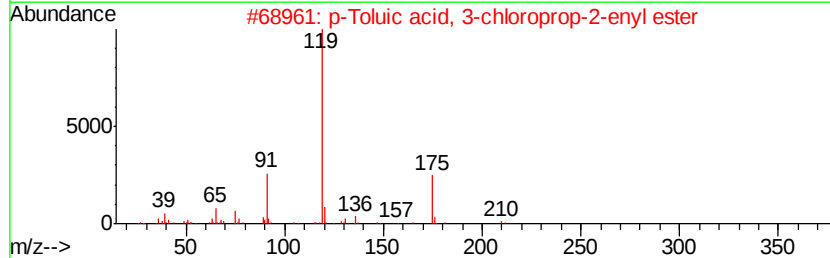
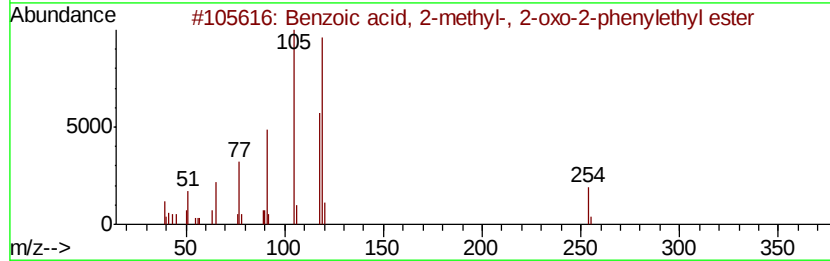
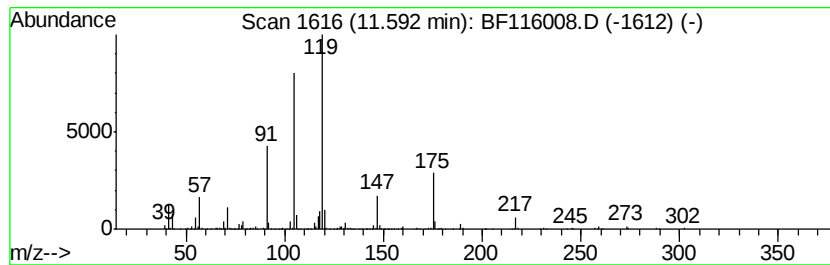
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzoic acid, 2-methyl-, 2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.59	12.88 ng	879173	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzoic acid, 2-methyl-, 2-oxo-2...	254	C16H14O3	055153-21-4	50
2		p-Toluic acid, 3-chloroprop-2-en...	210	C11H11ClO2	1000292-51-0	50
3		Formic acid, benzoyl-, (8'-phenyl...	364	C24H28O3	088002-15-7	50
4		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	47
5		Menthane, 3-chloro-8-phenyl-	250	C16H23Cl	184007-21-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

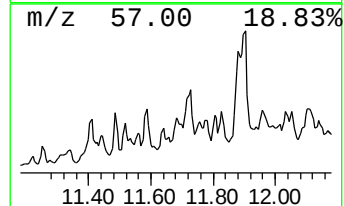
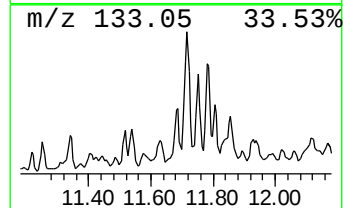
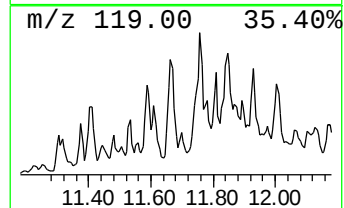
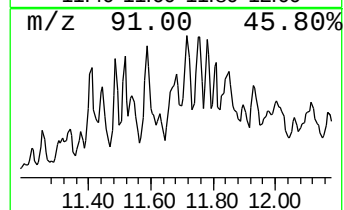
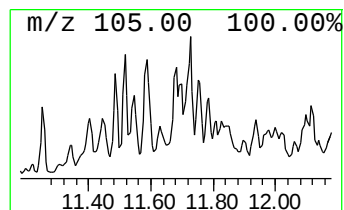
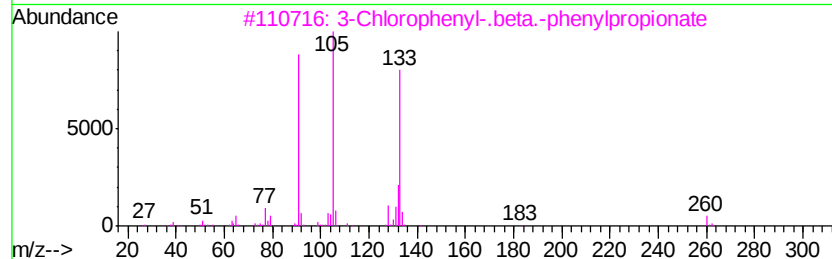
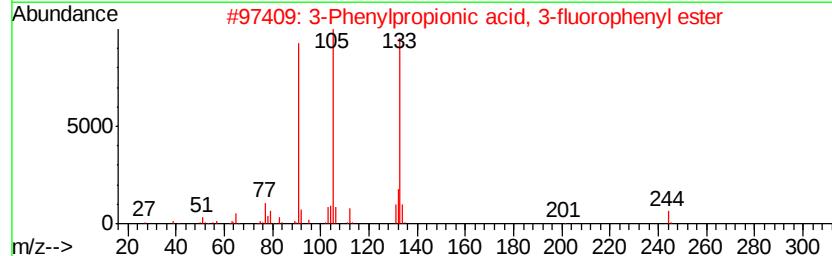
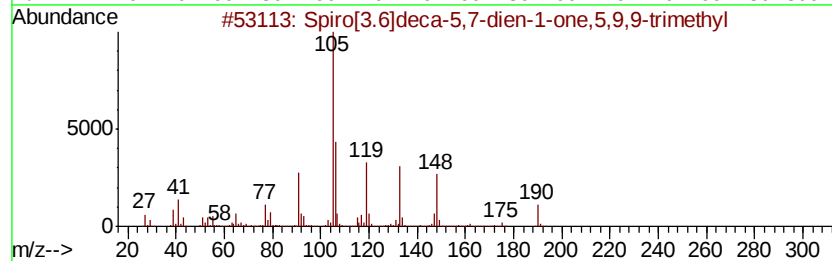
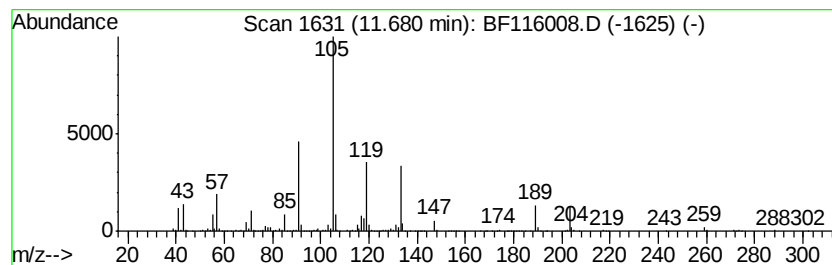
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.68 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.68	16.22 ng	1106770	Phenanthrene-d10		11.36		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[3.6]deca-5,7-dien-1-one,5,...	190	C13H18O	081532-19-6	42
2			3-Phenylpropionic acid, 3-fluoro...	244	C15H13FO2	1000331-05-8	25
3			3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	25
4			4-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-73-8	25
5			2-Methyl-3-nitrophenyl .beta.-ph...	285	C16H15NO4	040300-01-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

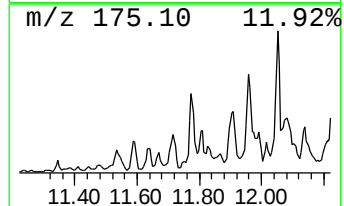
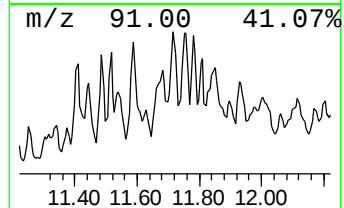
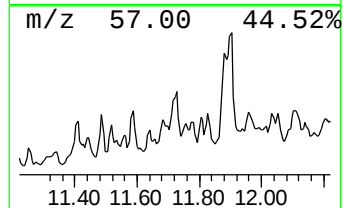
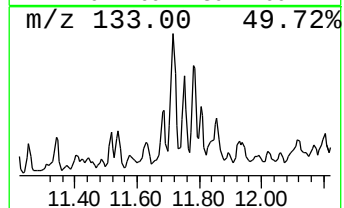
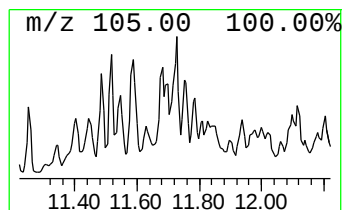
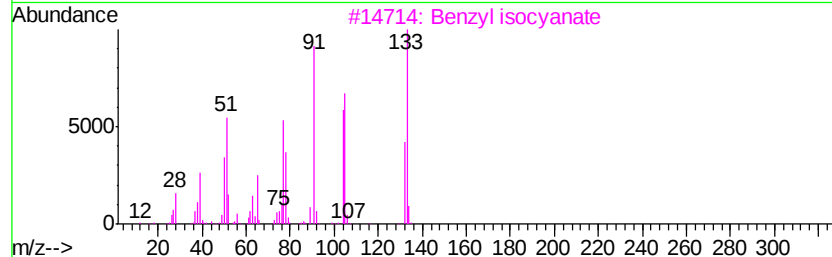
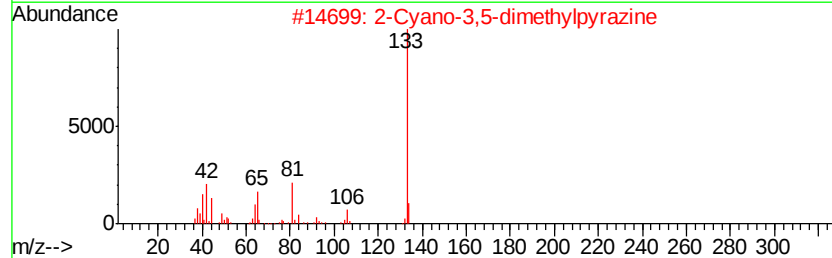
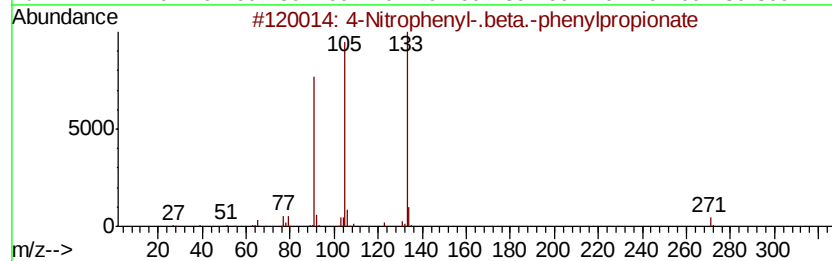
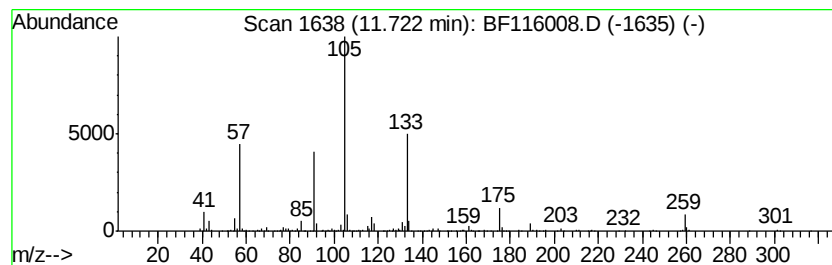
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.72 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	10.97 ng	748860	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitrophenyl-.beta.-phenylpropi...	271	C15H13N04	017895-71-5	47
2	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	43
3	Benzyl isocyanate	133	C8H7N0	003173-56-6	43
4	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	43
5	Methanone, (4-phenoxy-6-phenyl-1...	375	C23H21N04	309921-12-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

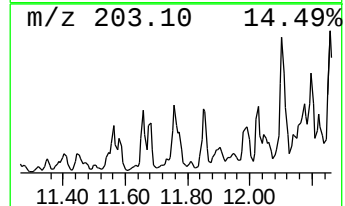
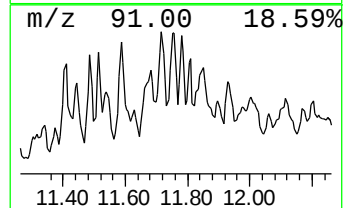
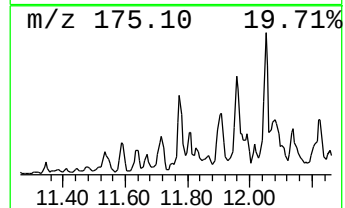
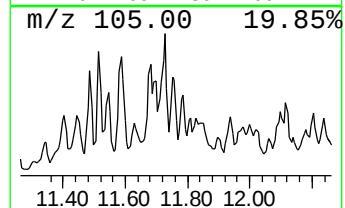
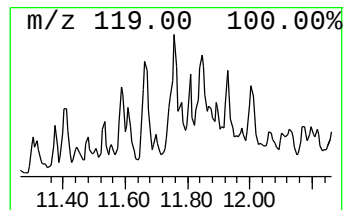
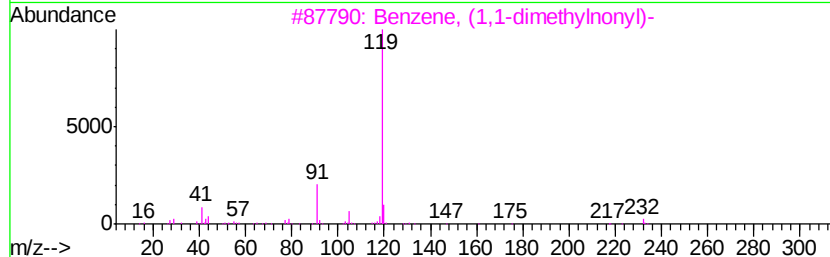
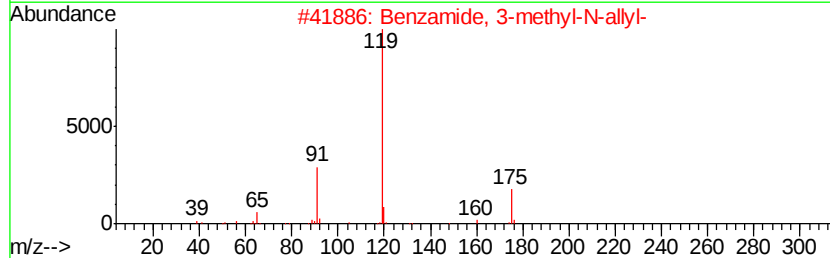
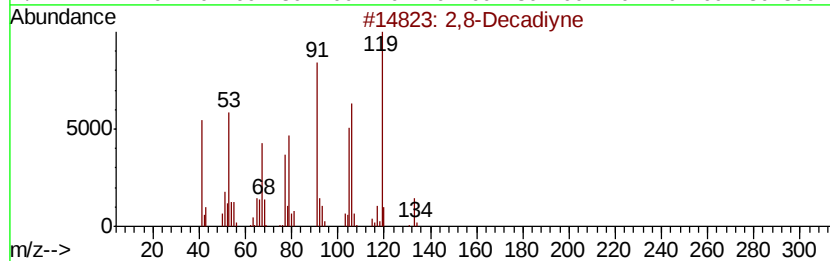
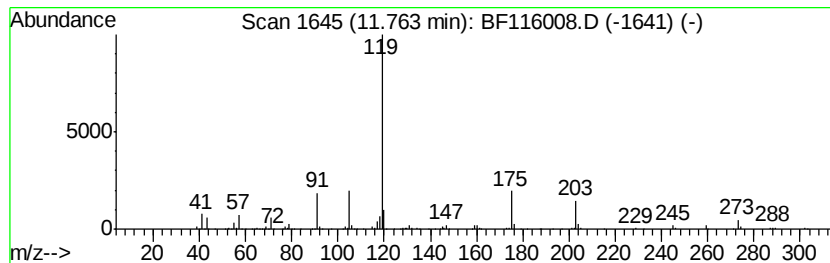
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,8-Decadiyne Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	11.74 ng	801419	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,8-Decadiyne		134 C10H14	004116-93-2 59
2	Benzamide, 3-methyl-N-allyl-		175 C11H13NO	1000339-09-8 53
3	Benzene, (1,1-dimethylnonyl)-		232 C17H28	055191-25-8 53
4	2-Hexanone, 5-methyl-5-phenyl-		190 C13H18O	014128-61-1 53
5	Benzene, (1,1-dimethyldecyl)-		246 C18H30	027854-40-6 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

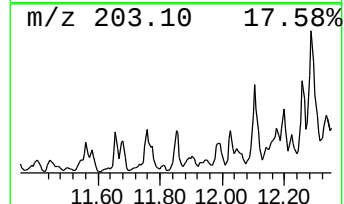
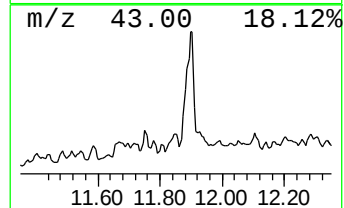
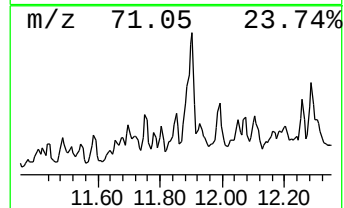
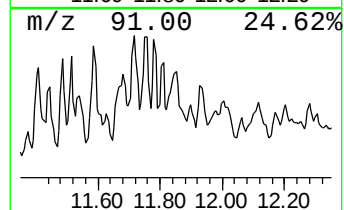
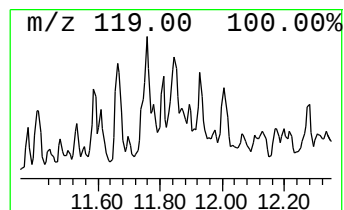
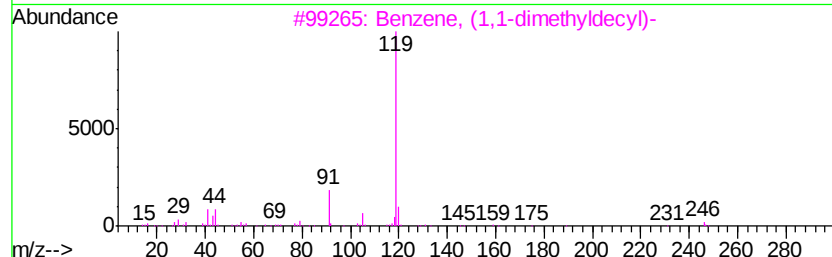
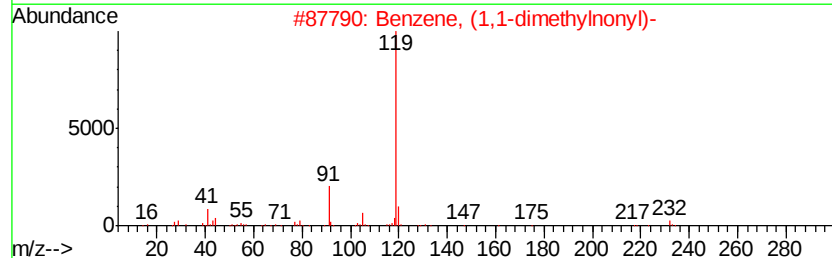
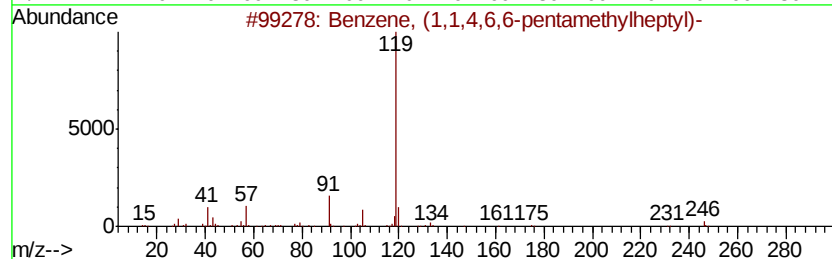
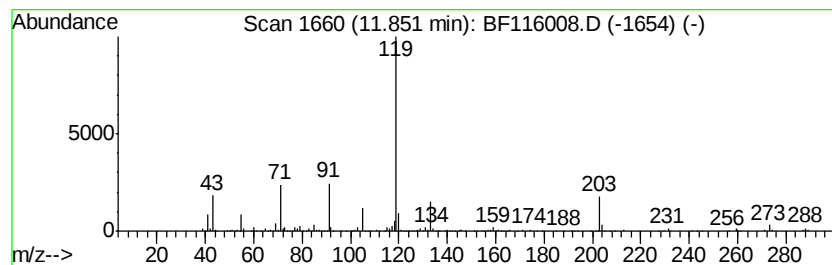
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1,1,4,6,6-pentame... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.85	10.12 ng	690894	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30		055134-07-1	53
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28		055191-25-8	50
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30		027854-40-6	50
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38		029138-94-1	50
5	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52		055373-91-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

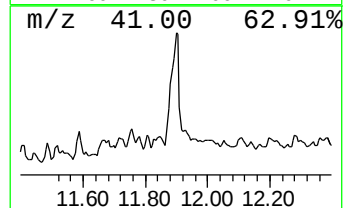
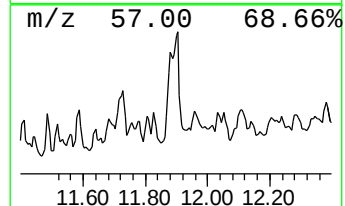
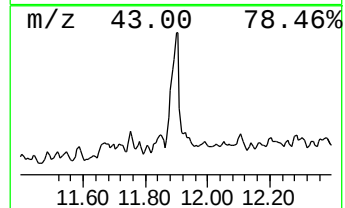
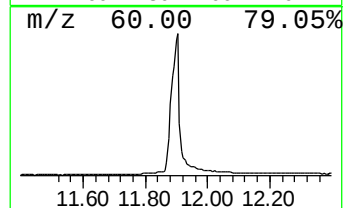
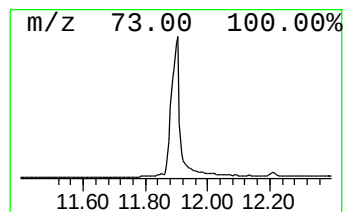
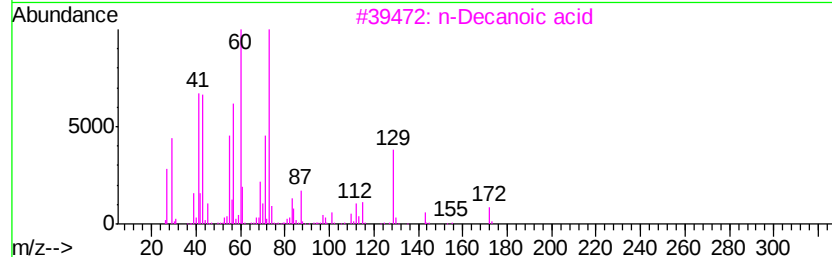
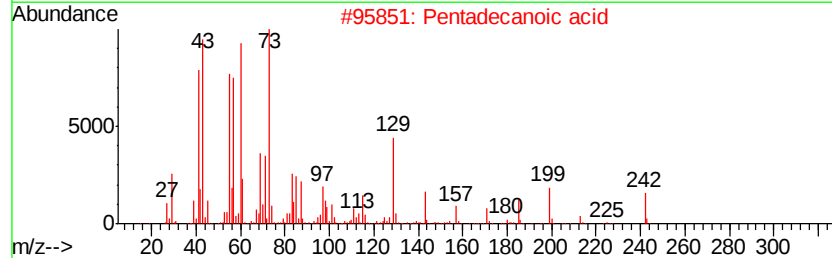
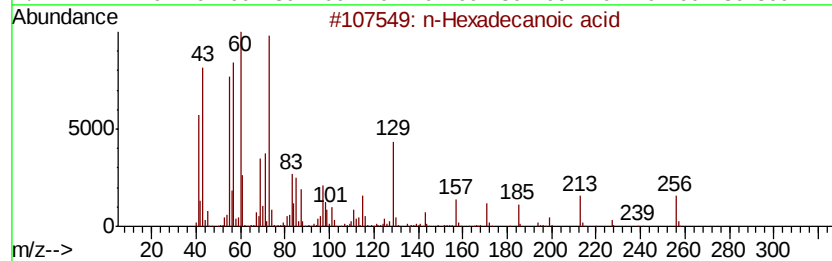
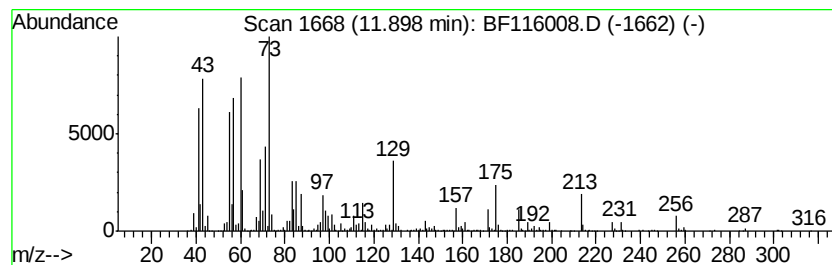
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	51.10 ng	3486870	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		n-Decanoic acid	172	C10H20O2	000334-48-5	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Octadecanoic acid	284	C18H36O2	000057-11-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

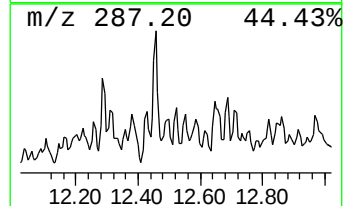
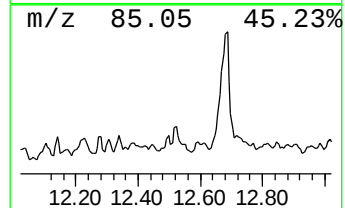
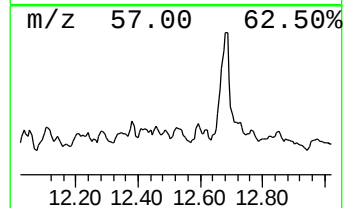
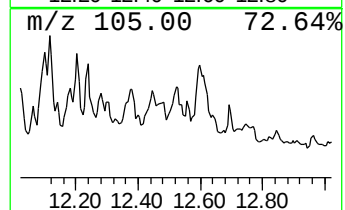
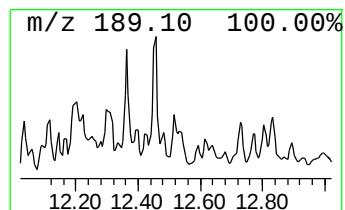
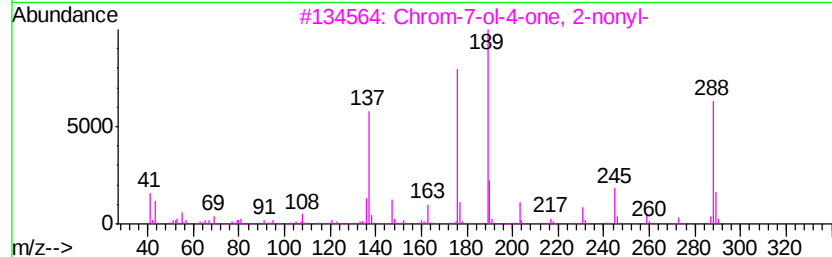
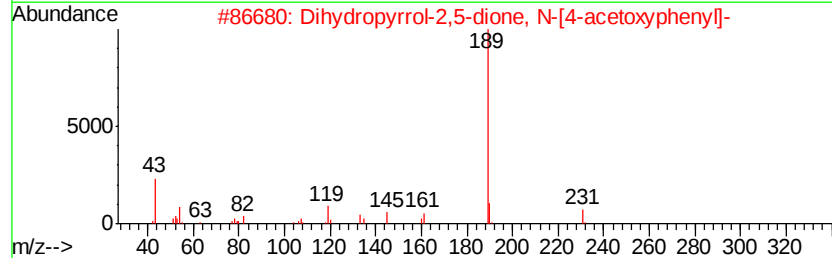
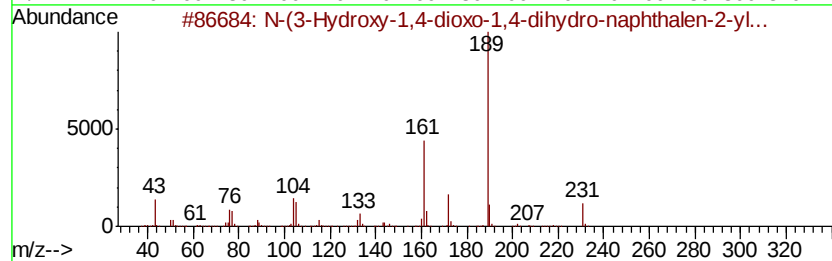
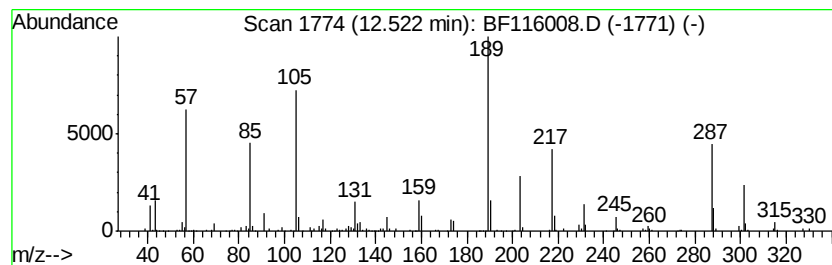
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.52 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	11.88 ng	810377	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Hydroxy-1,4-dioxo-1,4-dihyd...	231	C12H9N04	022157-98-8	43
2	Dihydropyrrol-2,5-dione, N-[4-ac...	231	C12H9N04	006637-46-3	38
3	Chrom-7-ol-4-one, 2-nonyl-	288	C18H24O3	171269-71-9	38
4	Silane, dimethyl(2-decyloxy)pent...	302	C17H38O2Si	1000347-61-9	37
5	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

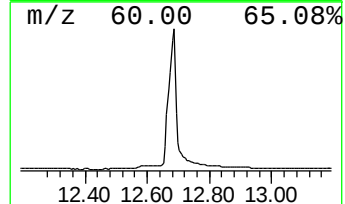
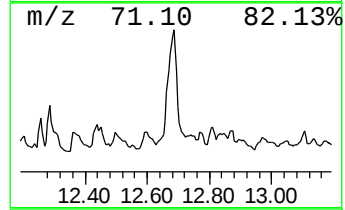
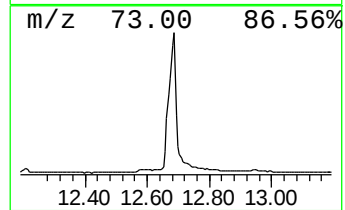
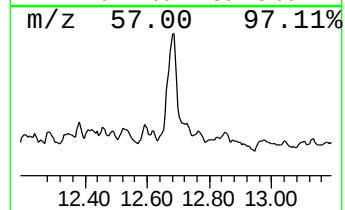
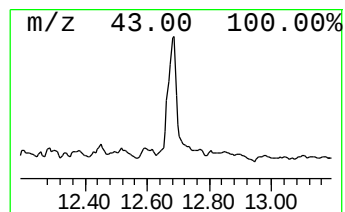
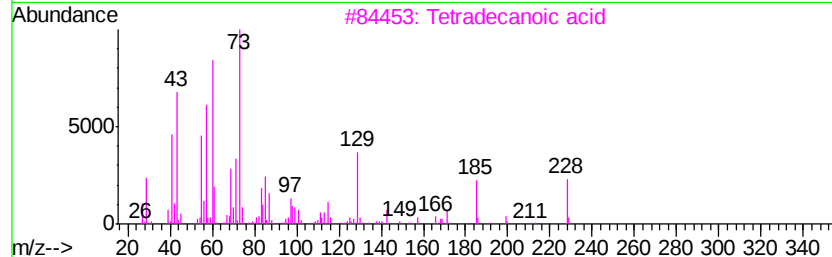
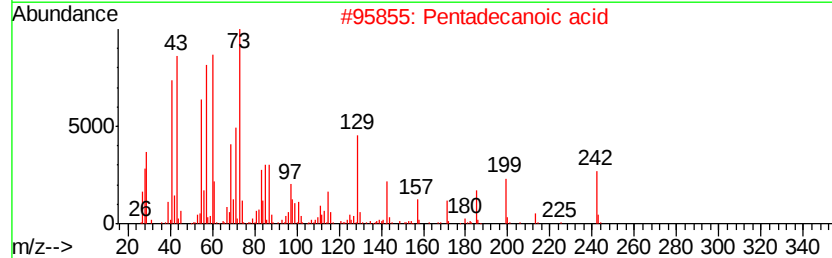
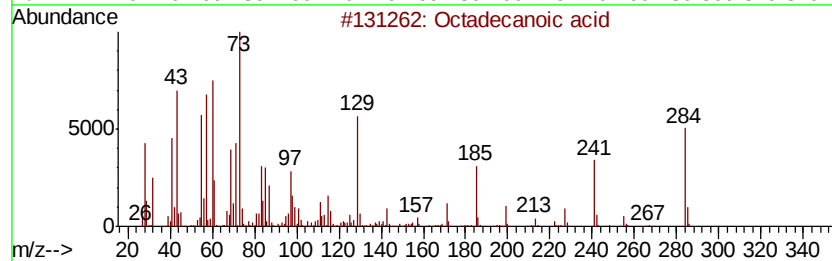
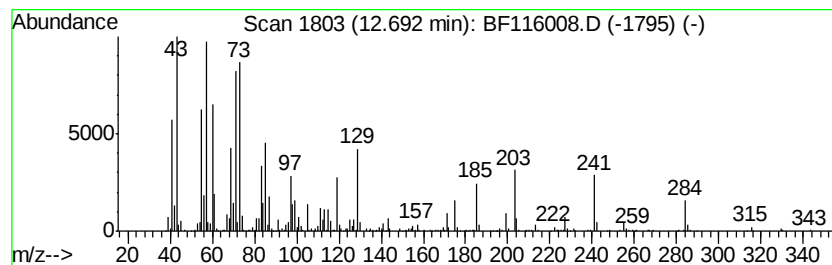
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	80.26 ng	3777640	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

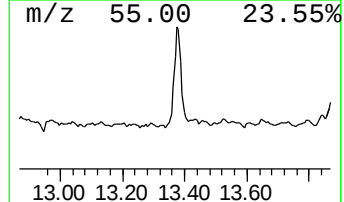
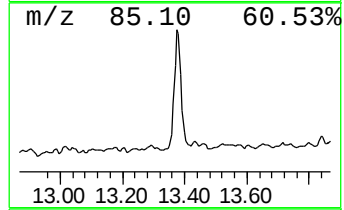
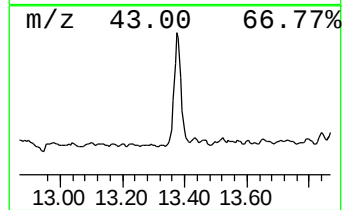
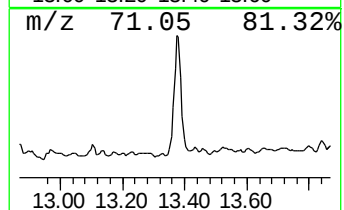
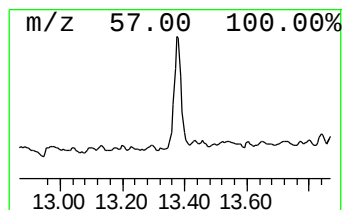
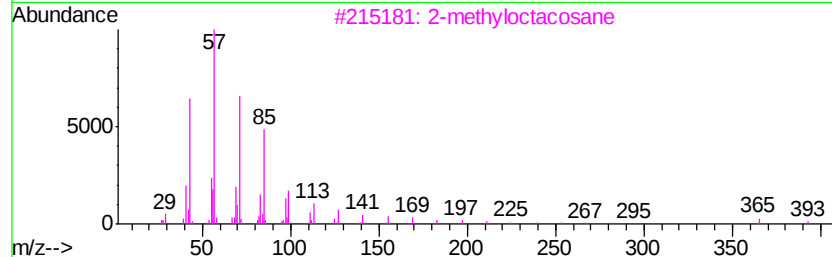
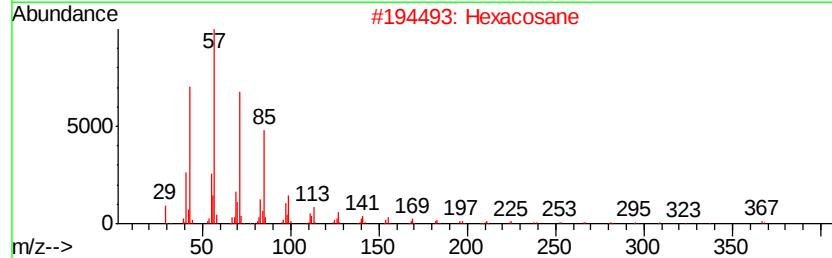
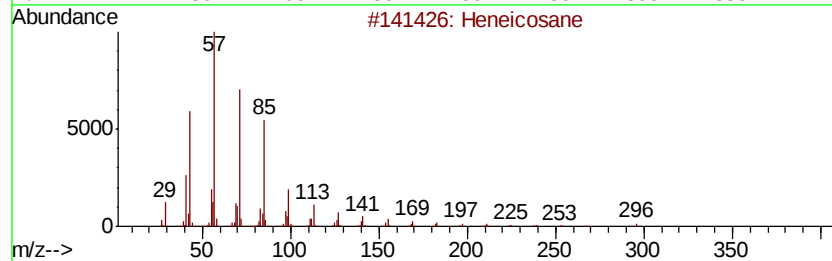
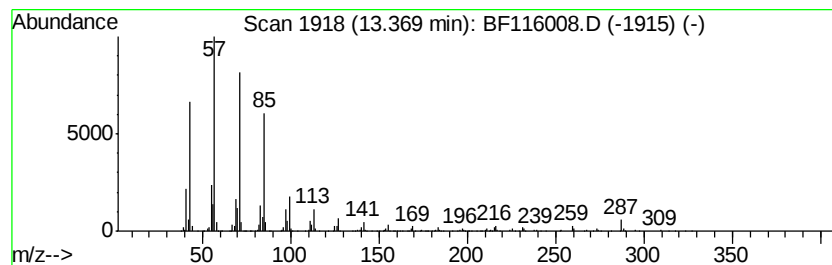
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	35.35 ng	1663550	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

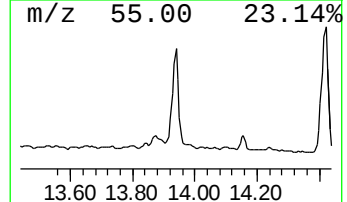
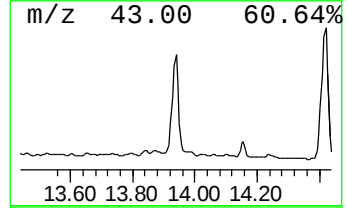
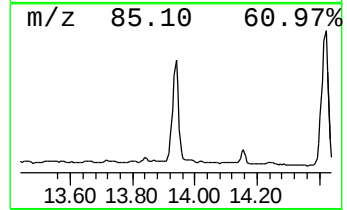
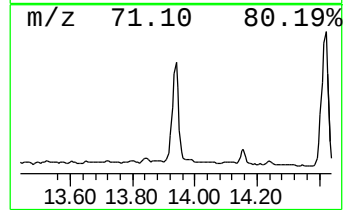
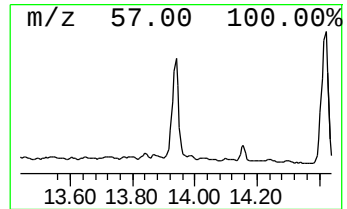
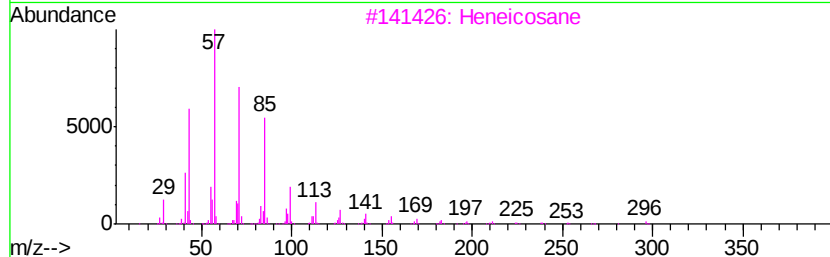
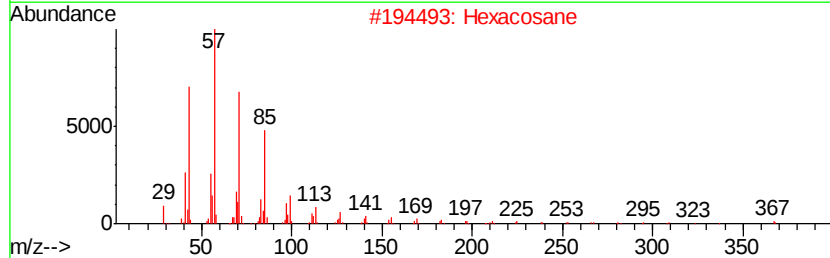
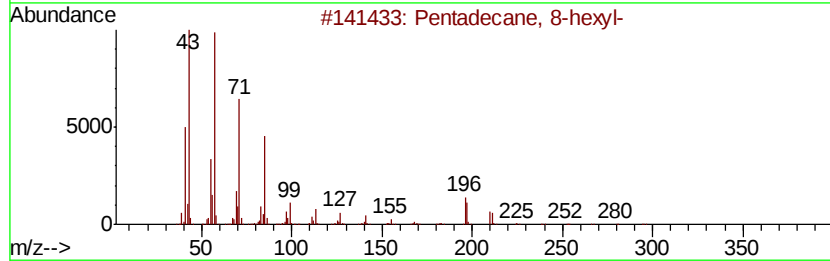
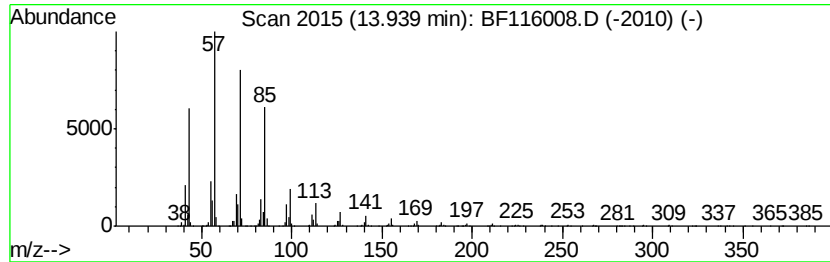
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	61.66 ng	2901870	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

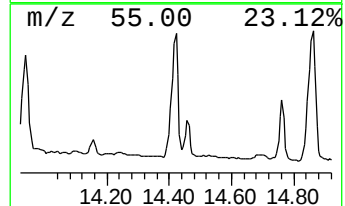
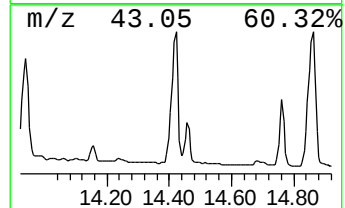
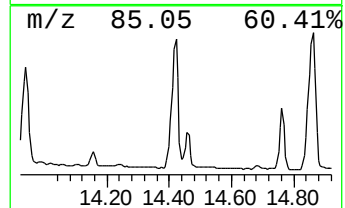
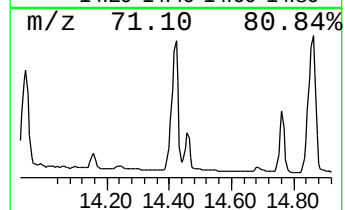
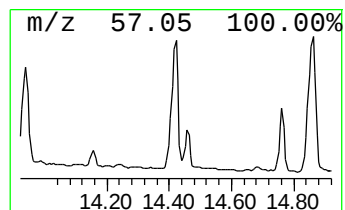
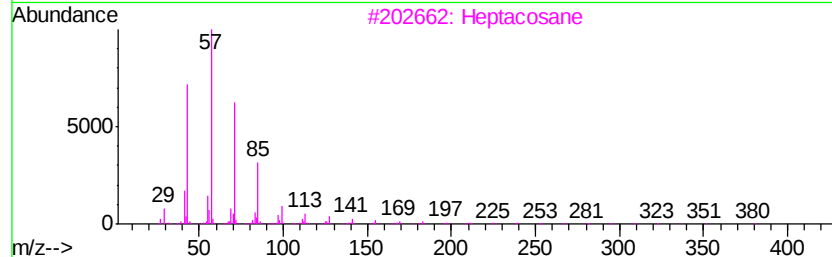
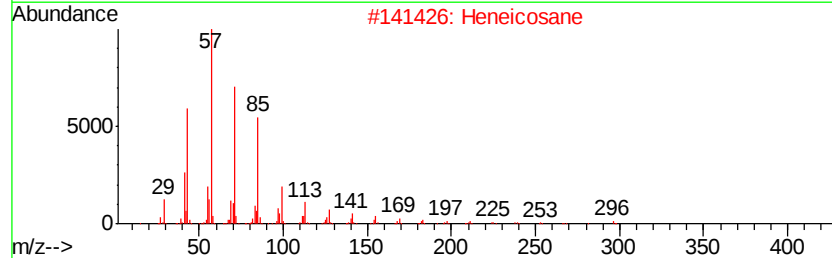
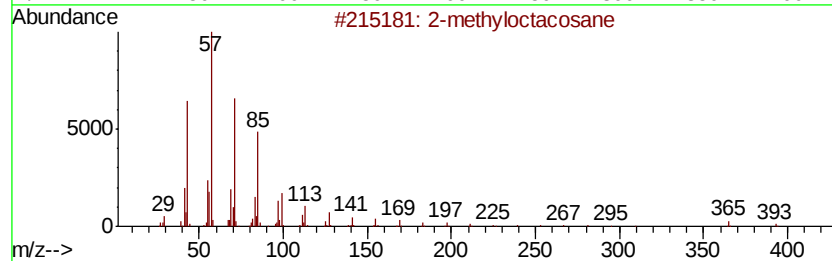
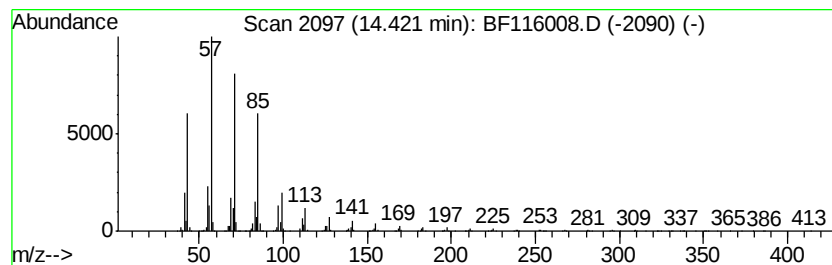
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-methyloctacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	90.73 ng	4270040	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

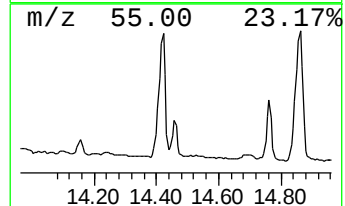
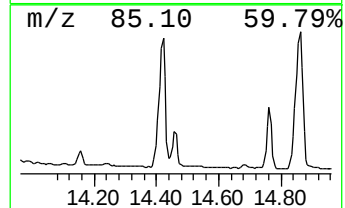
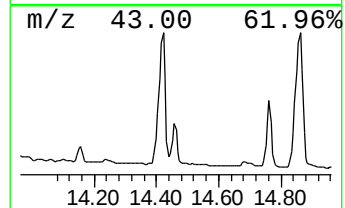
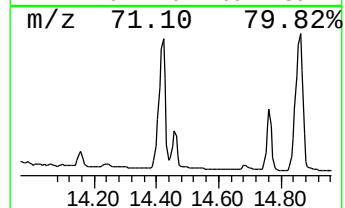
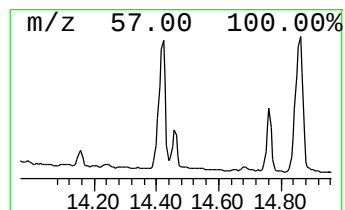
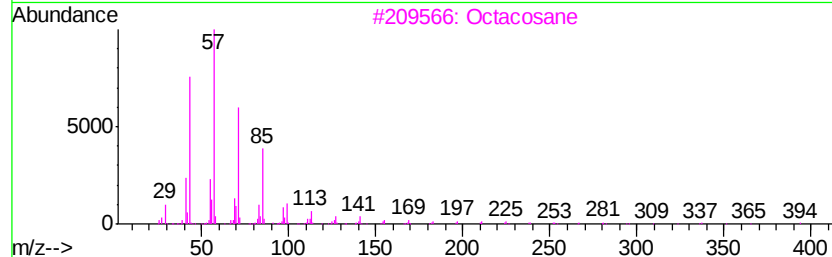
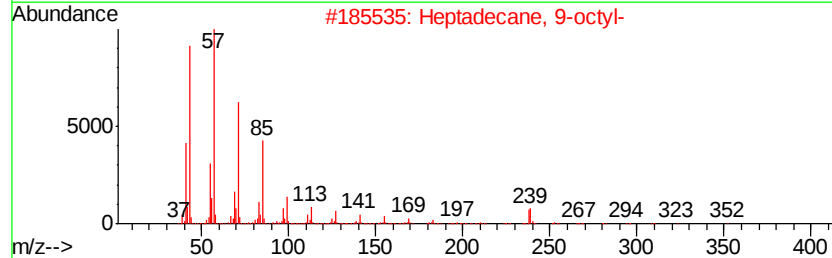
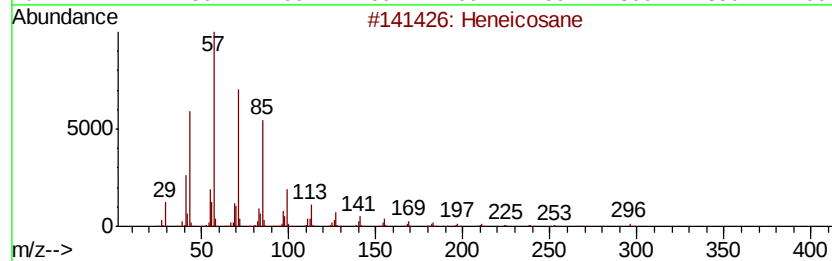
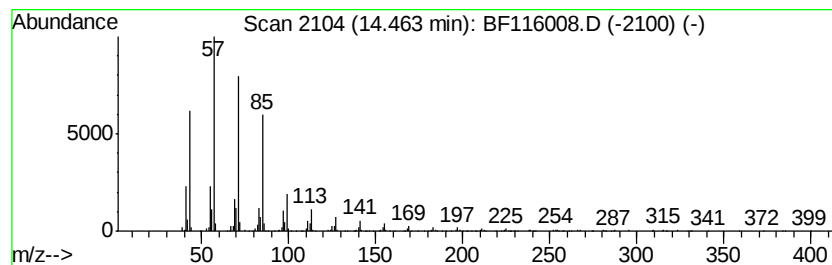
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	18.92 ng	890662	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tricosane	324	C23H48	000638-67-5	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

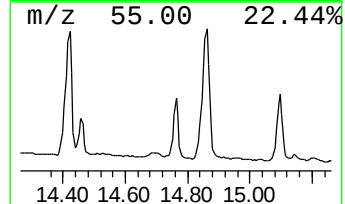
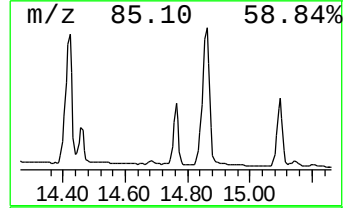
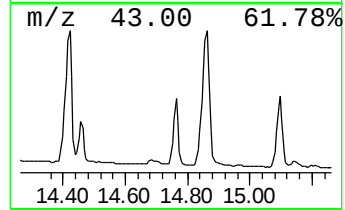
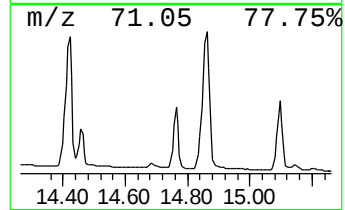
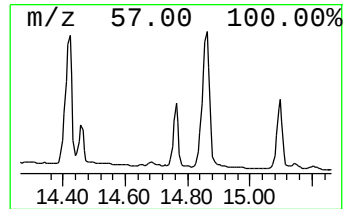
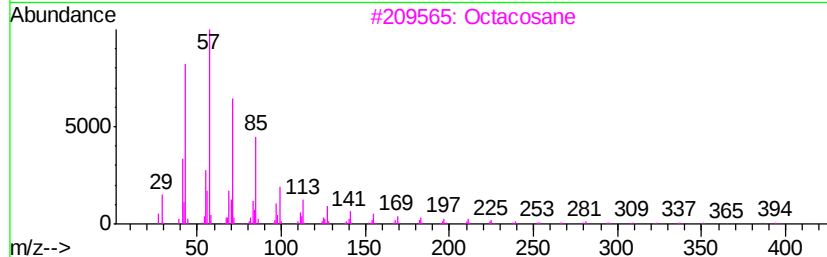
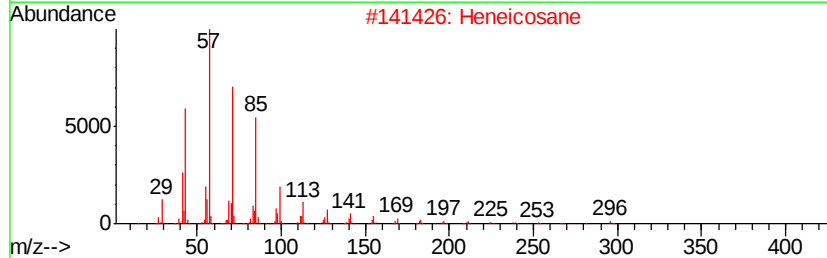
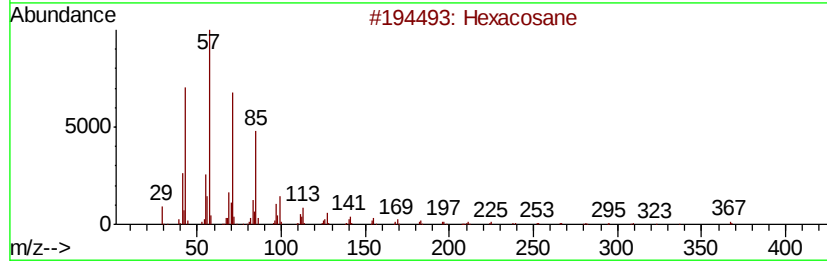
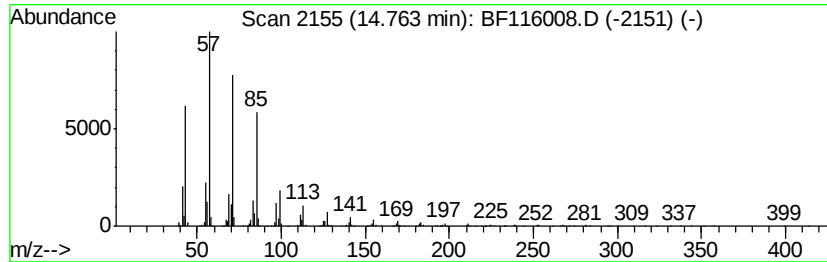
Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane, 7-hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	11.10 ng	1664800	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Heneicosane	296 C21H44	000629-94-7	91
3	Octacosane	394 C28H58	000630-02-4	90
4	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	90
5	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

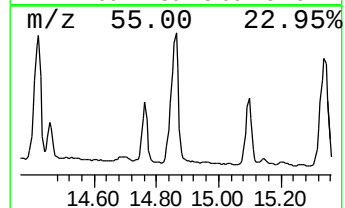
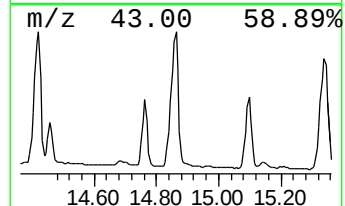
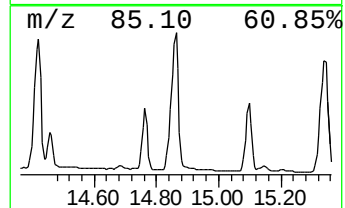
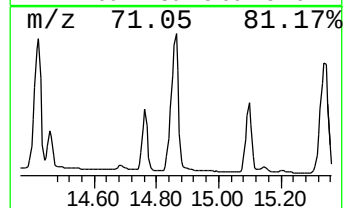
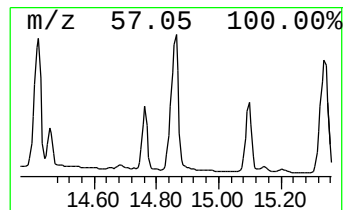
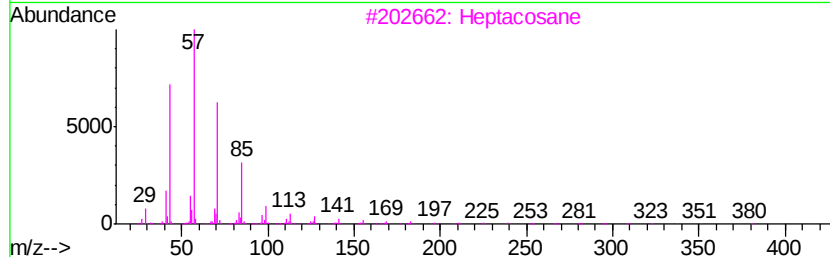
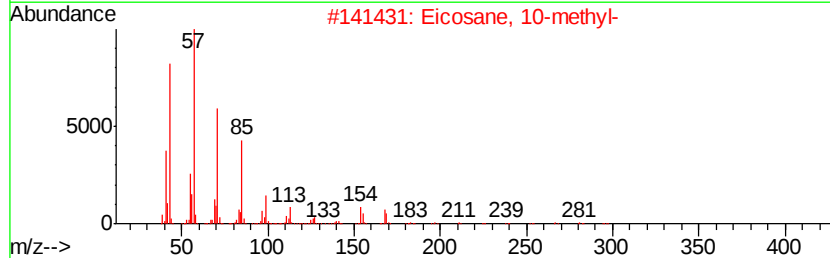
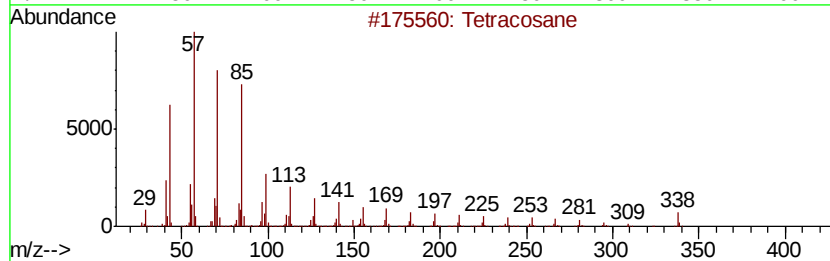
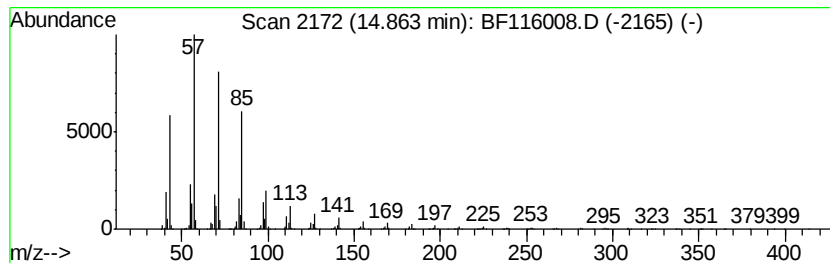
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	35.79 ng	5368590	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

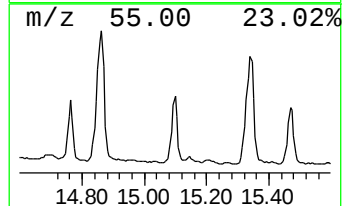
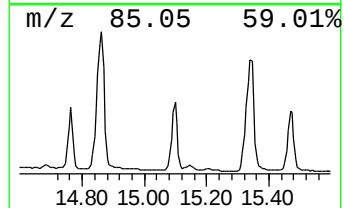
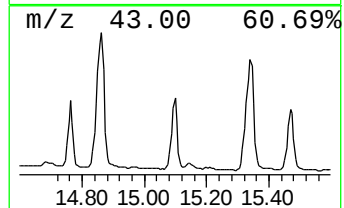
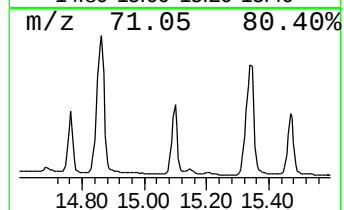
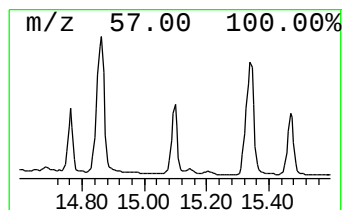
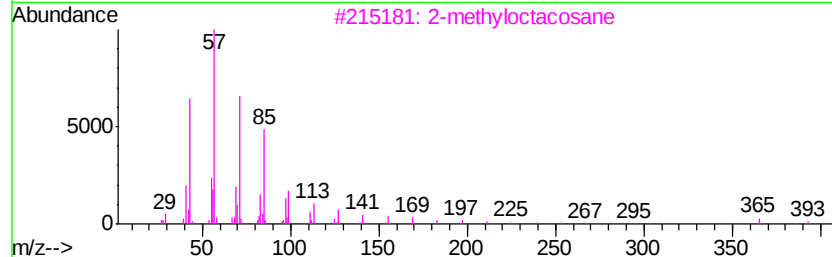
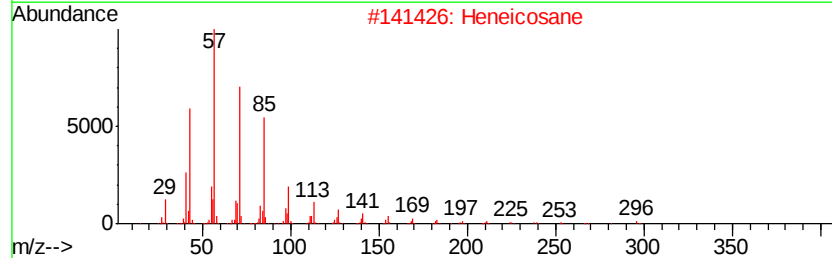
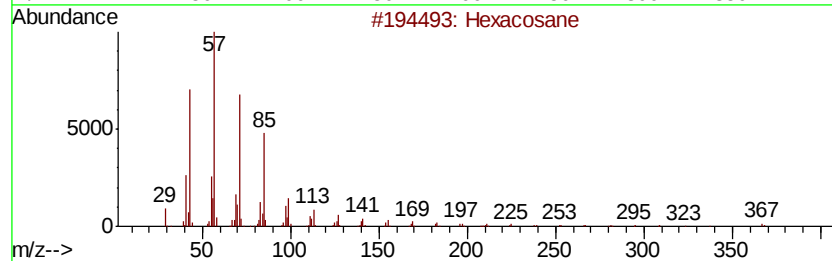
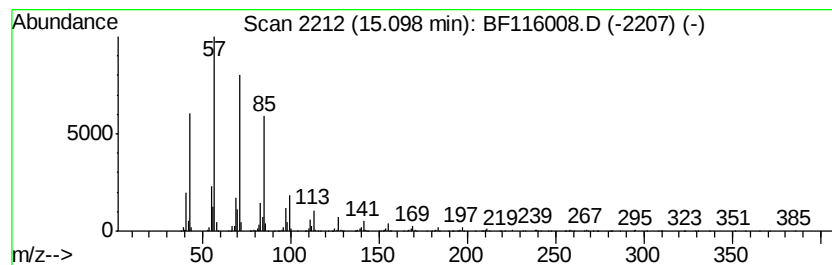
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	12.96 ng	1944390	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-C1-C4-COMP-(0-1)

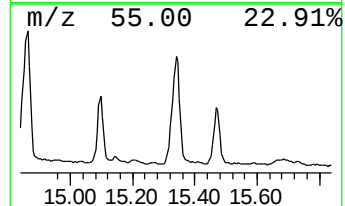
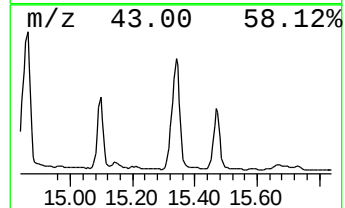
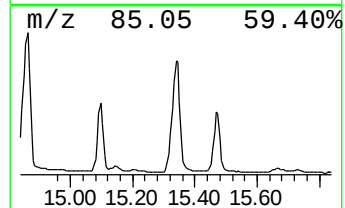
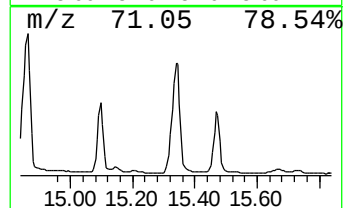
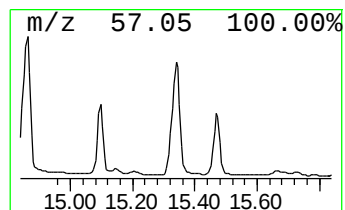
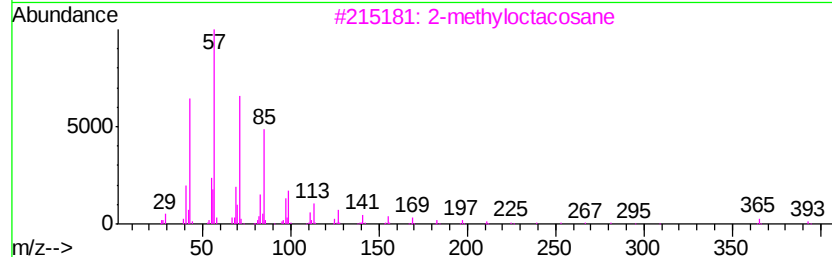
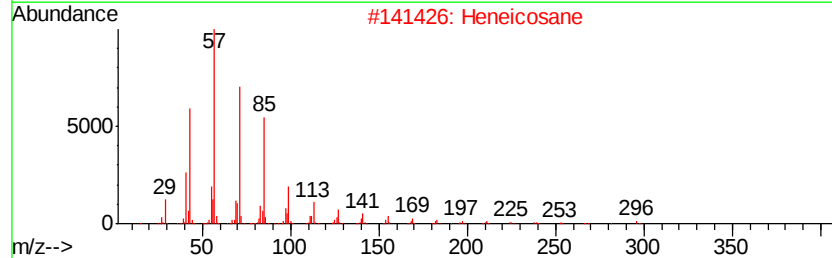
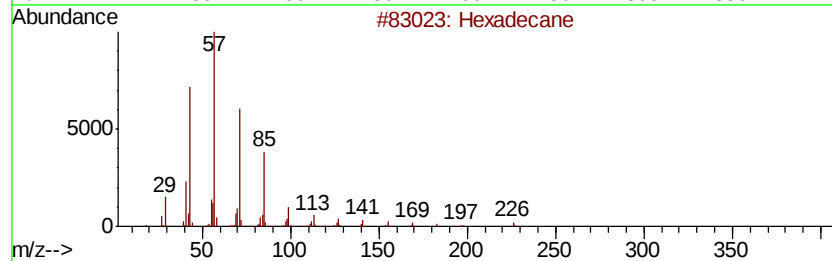
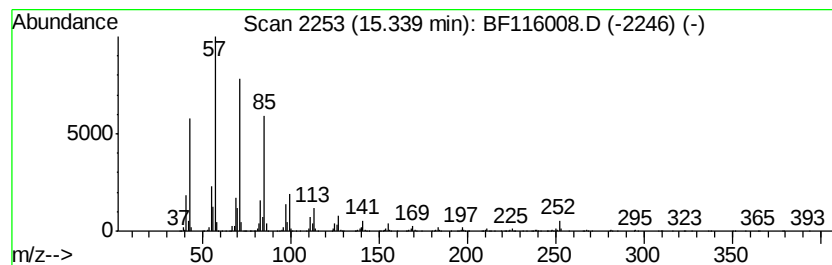
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	31.64 ng	4747320	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116008.D
 Acq On : 6 Aug 2019 13:02
 Operator : HP/JU
 Sample : K4136-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

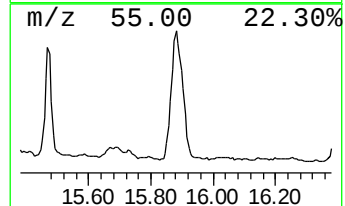
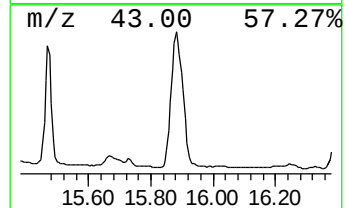
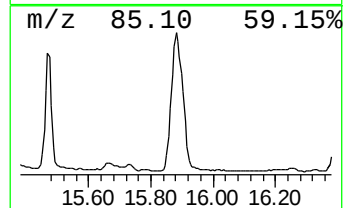
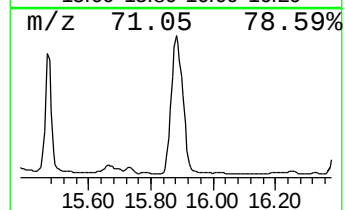
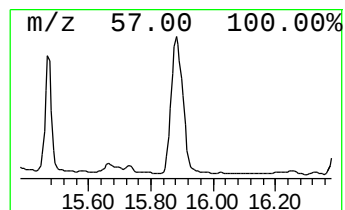
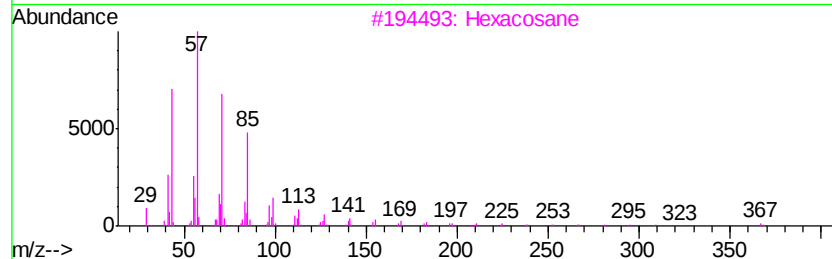
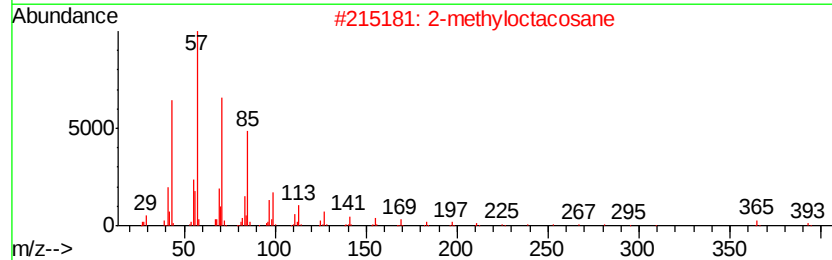
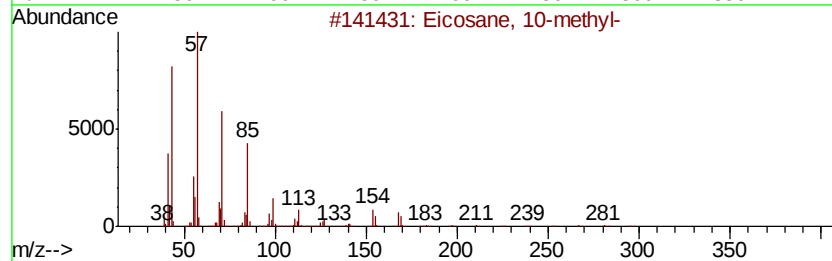
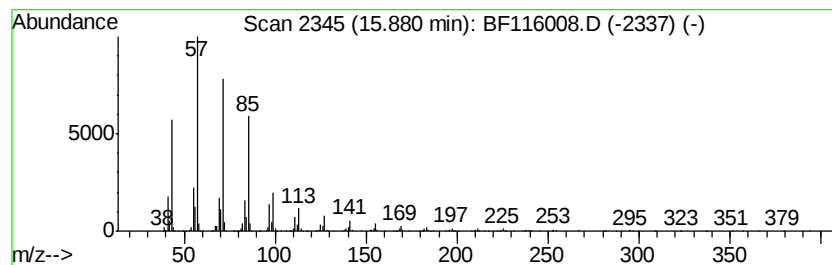
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 20 Eicosane, 10-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	29.14 ng	4371310	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080619\
 Data File : BF116008.D
 Acq On : 6 Aug 2019 13:02
 Operator : HP/JU
 Sample : K4136-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	64.8	ng	2433520	1	6.84	750465	20.0
unknown11.49	11.49	9.2	ng	627604	4	11.36	1364790	20.0
Benzoic acid, 2-m...	11.59	12.9	ng	879173	4	11.36	1364790	20.0
unknown11.68	11.68	16.2	ng	1106770	4	11.36	1364790	20.0
unknown11.72	11.72	11.0	ng	748860	4	11.36	1364790	20.0
2,8-Decadiyne	11.76	11.7	ng	801419	4	11.36	1364790	20.0
Benzene, (1,1,4,6...	11.85	10.1	ng	690894	4	11.36	1364790	20.0
n-Hexadecanoic acid	11.90	51.1	ng	3486870	4	11.36	1364790	20.0
unknown12.52	12.52	11.9	ng	810377	4	11.36	1364790	20.0
Octadecanoic acid	12.69	80.3	ng	3777640	5	14.00	941300	20.0
Heneicosane	13.37	35.4	ng	1663550	5	14.00	941300	20.0
Pentadecane, 8-he...	13.94	61.7	ng	2901870	5	14.00	941300	20.0
2-methyloctacosane	14.42	90.7	ng	4270040	5	14.00	941300	20.0
Heptadecane, 9-oc...	14.46	18.9	ng	890662	5	14.00	941300	20.0
Eicosane, 7-hexyl-	14.76	11.1	ng	1664800	6	15.46	3000400	20.0
Tetracosane	14.86	35.8	ng	5368590	6	15.46	3000400	20.0
Tetratetracontane	15.10	13.0	ng	1944390	6	15.46	3000400	20.0
Hexadecane	15.34	31.6	ng	4747320	6	15.46	3000400	20.0
Eicosane, 10-methyl-	15.88	29.1	ng	4371310	6	15.46	3000400	20.0