

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108518.D
 Acq On : 27 Aug 2018 18:42
 Operator : JU/SJ
 Sample : J4524-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Y-1802

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-BF080818.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	2.713	50	64	70	rVV2	89911	197815	6.08%	0.542%
2	2.784	71	76	80	rVV	27333	51660	1.59%	0.142%
3	2.866	84	90	98	rVB	130632	247013	7.59%	0.677%
4	3.037	113	119	125	rVB2	53706	101909	3.13%	0.279%
5	5.243	490	494	501	rBV	197713	235276	7.23%	0.645%
6	5.631	556	560	563	rBV	2613348	2364719	72.70%	6.480%
7	5.878	600	602	608	rVB	45904	38814	1.19%	0.106%
8	6.554	714	717	724	rBV	40255	34435	1.06%	0.094%
9	6.625	724	729	732	rBV	2742365	2630214	80.86%	7.207%
10	6.772	749	754	757	rBV	2992943	2601514	79.98%	7.128%
11	7.001	789	793	796	rBV	840282	726390	22.33%	1.990%
12	7.048	797	801	804	rBV	2554866	2042402	62.79%	5.596%
13	7.154	816	819	823	rVB	2333321	2110871	64.90%	5.784%
14	7.560	883	888	891	rBV	1740376	1724529	53.02%	4.725%
15	7.654	897	904	913	rVB	162691	271736	8.35%	0.745%
16	8.284	1007	1011	1014	rBV	1031620	890460	27.38%	2.440%
17	8.678	1074	1078	1083	rBV2	36170	49379	1.52%	0.135%
18	9.354	1189	1193	1197	rBV	3568272	3252672	100.00%	8.913%
19	9.595	1229	1234	1249	rBV2	565415	901374	27.71%	2.470%
20	9.748	1256	1260	1270	rBV	398199	484967	14.91%	1.329%
21	9.983	1296	1300	1303	rBV	278866	211865	6.51%	0.581%
22	10.042	1307	1310	1314	rVB2	1121856	959458	29.50%	2.629%
23	10.448	1373	1379	1388	rVB2	40996	55570	1.71%	0.152%
24	10.648	1410	1413	1415	rBV	39564	36220	1.11%	0.099%
25	10.836	1441	1445	1454	rBV	1543835	1389790	42.73%	3.808%
26	10.936	1457	1462	1468	rVB3	63795	96570	2.97%	0.265%
27	10.989	1468	1471	1483	rBV	224530	408994	12.57%	1.121%
28	11.377	1533	1537	1539	rBV	47422	43892	1.35%	0.120%
29	11.536	1561	1564	1567	rBV	951743	845350	25.99%	2.316%
30	11.560	1567	1568	1572	rVB	147153	106301	3.27%	0.291%
31	11.942	1629	1633	1636	rBV	2216201	1995782	61.36%	5.469%
32	12.601	1736	1745	1752	rBV2	42019	91169	2.80%	0.250%
33	12.760	1768	1772	1775	rVB	61649	56999	1.75%	0.156%
34	12.924	1794	1800	1802	rBV	489284	467812	14.38%	1.282%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.954	1802	1805	1808	rVV	1772891	1545490	47.51%	4.235%
36	12.989	1809	1811	1815	rVB	52110	47798	1.47%	0.131%
37	13.124	1830	1834	1837	rBV	2736304	2298944	70.68%	6.299%
38	13.271	1850	1859	1861	rBV7	18782	45526	1.40%	0.125%
39	13.330	1867	1869	1883	rVB	50264	84545	2.60%	0.232%
40	13.671	1923	1927	1930	rBV	38971	41722	1.28%	0.114%
41	13.983	1960	1980	1981	rBV2	105343	384136	11.81%	1.053%
42	14.001	1981	1983	1985	rVV2	109990	132705	4.08%	0.364%
43	14.042	1987	1990	1994	rVB	1458517	1311649	40.33%	3.594%
44	14.189	2011	2015	2019	rBV	774003	774237	23.80%	2.122%
45	14.318	2034	2037	2040	rBV2	45768	41571	1.28%	0.114%
46	14.624	2086	2089	2093	rBV2	48525	48402	1.49%	0.133%
47	14.954	2142	2145	2152	rVB2	55790	90314	2.78%	0.247%
48	15.024	2154	2157	2161	rVV3	39065	49567	1.52%	0.136%
49	15.065	2162	2164	2172	rVV3	31777	37317	1.15%	0.102%
50	15.130	2172	2175	2178	rVB2	55129	53578	1.65%	0.147%
51	15.312	2203	2206	2210	rVB2	56074	62906	1.93%	0.172%
52	15.748	2272	2280	2289	rBV	531537	747558	22.98%	2.048%
53	16.195	2352	2356	2362	rVB2	35746	55687	1.71%	0.153%
54	16.371	2382	2386	2393	rBV2	35972	60261	1.85%	0.165%
55	16.524	2405	2412	2424	rVB2	300222	544472	16.74%	1.492%
56	16.742	2445	2449	2454	rBV3	25827	53891	1.66%	0.148%
57	18.465	2735	2742	2752	rVB	104971	258382	7.94%	0.708%

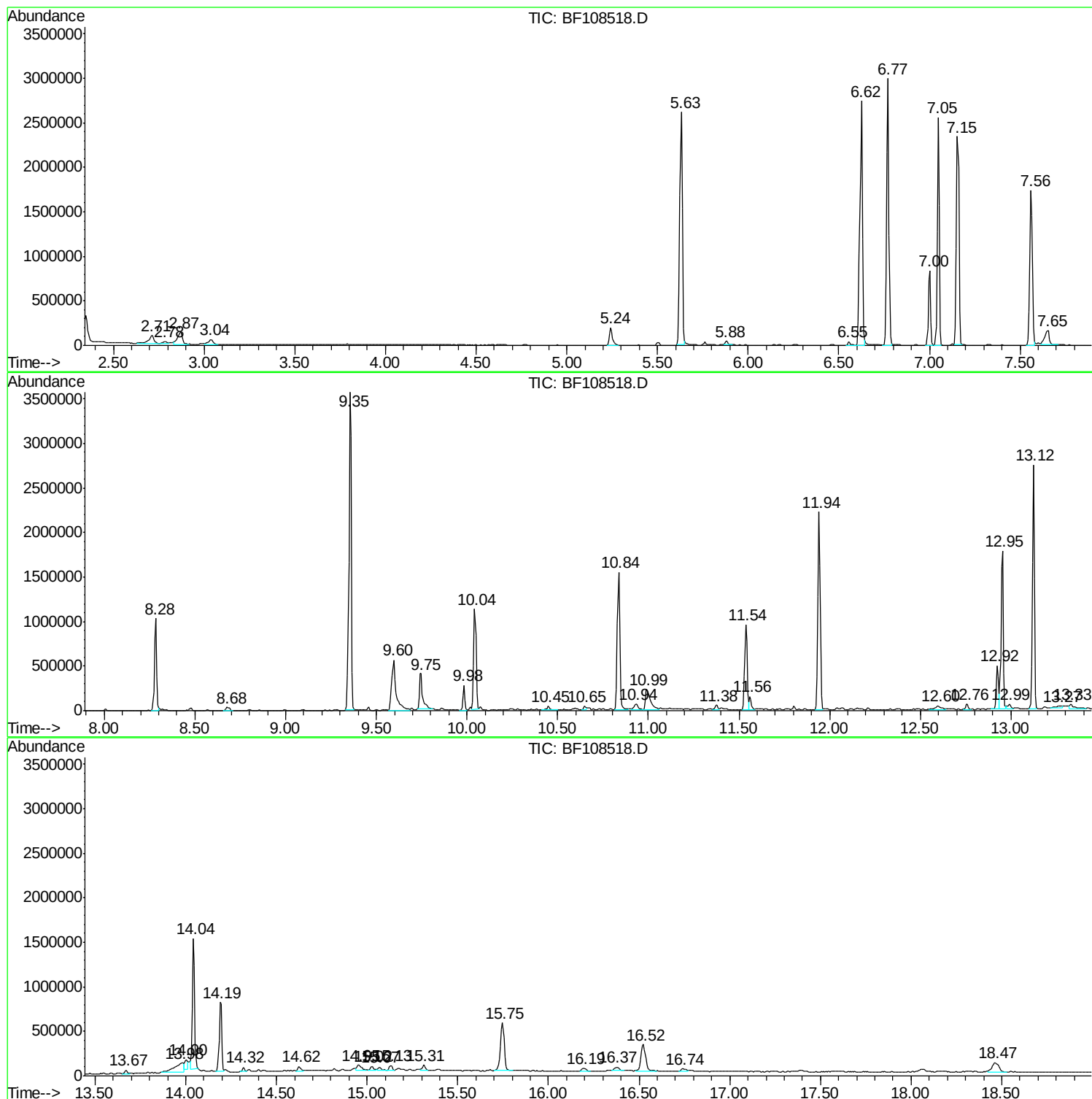
Sum of corrected areas: 36494579

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
Y-1802

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.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\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
Y-1802

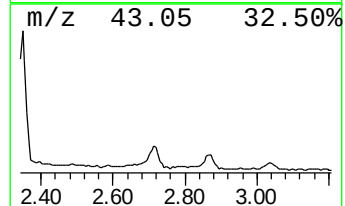
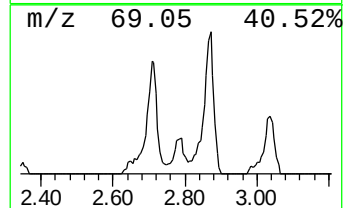
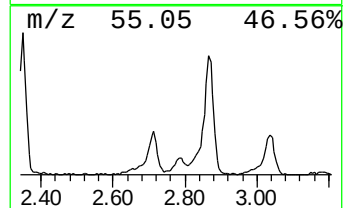
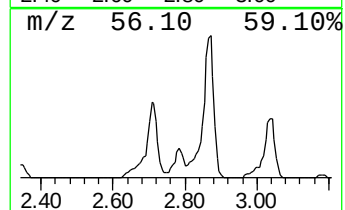
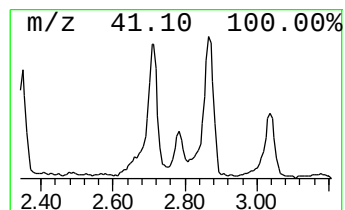
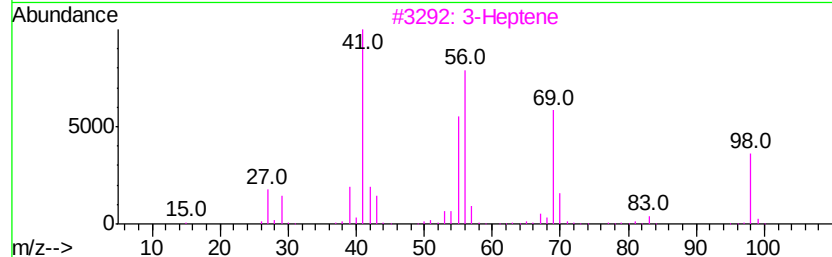
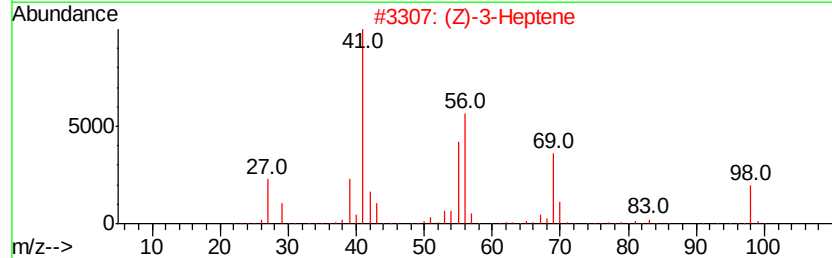
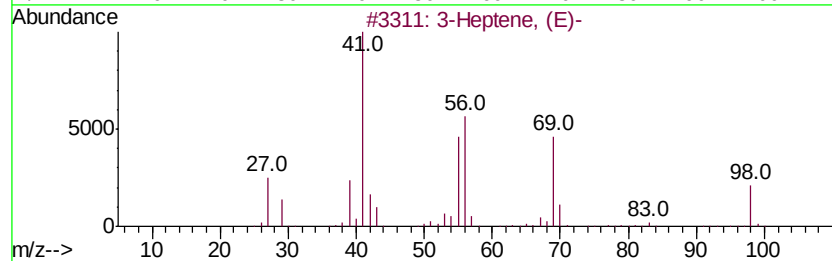
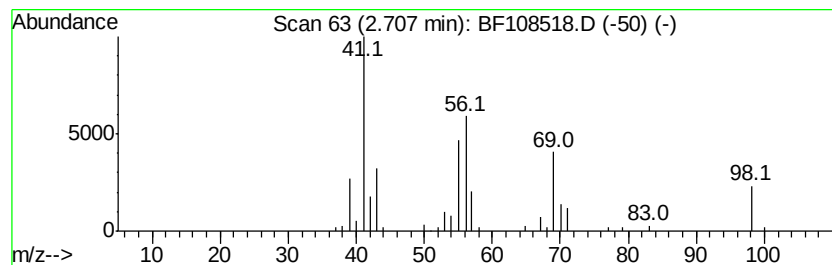
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Heptene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	5.45 ng	197815	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptene, (E)-	98	C7H14	014686-14-7	93
2		(Z)-3-Heptene	98	C7H14	007642-10-6	90
3		3-Heptene	98	C7H14	000592-78-9	81
4		(Z)-2-Heptene	98	C7H14	006443-92-1	58
5		2-Heptene, (E)-	98	C7H14	014686-13-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
Y-1802

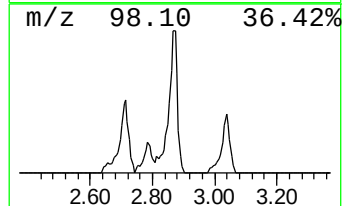
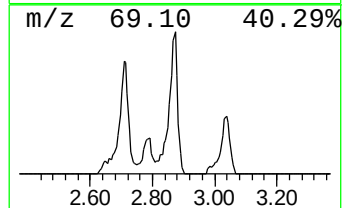
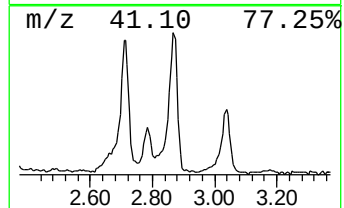
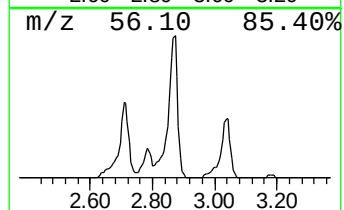
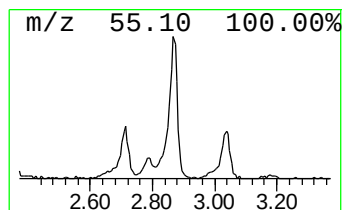
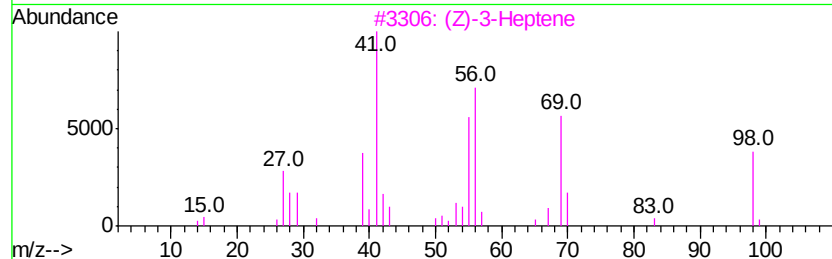
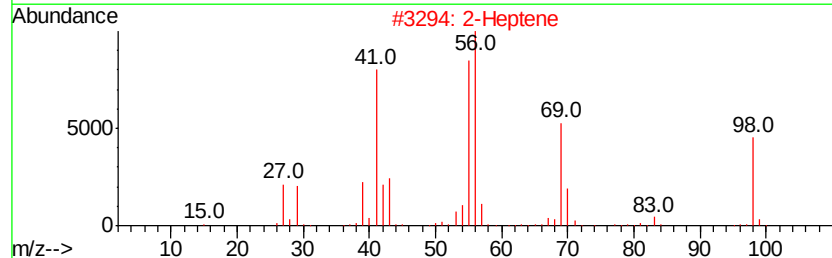
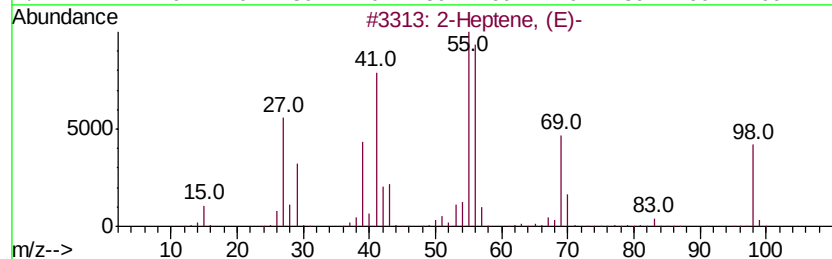
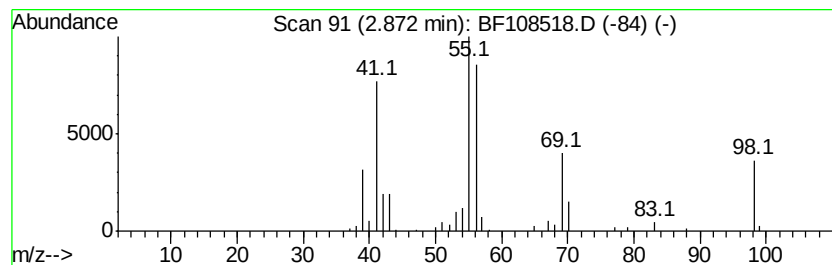
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Heptene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	6.80 ng	247013	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptene, (E)-	98	C7H14	014686-13-6	97
2		2-Heptene	98	C7H14	000592-77-8	93
3		(Z)-3-Heptene	98	C7H14	007642-10-6	91
4		(Z)-2-Heptene	98	C7H14	006443-92-1	86
5		3-Heptene, (E)-	98	C7H14	014686-14-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

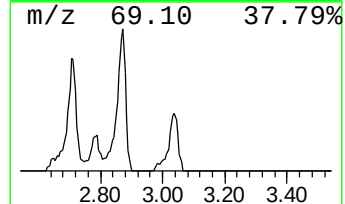
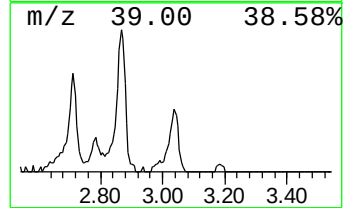
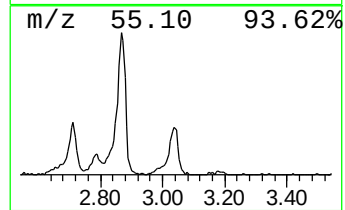
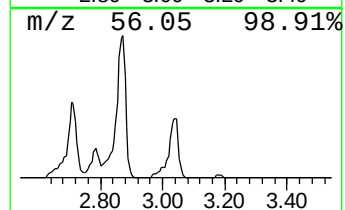
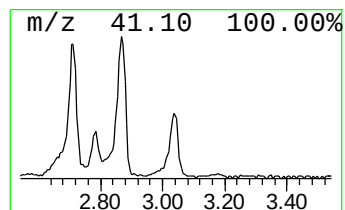
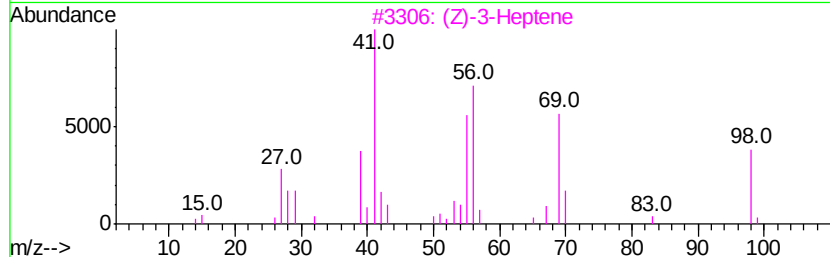
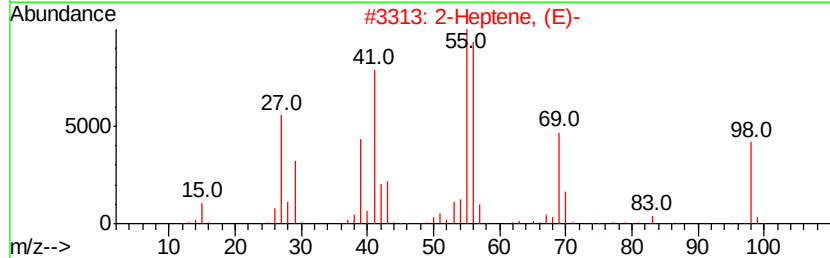
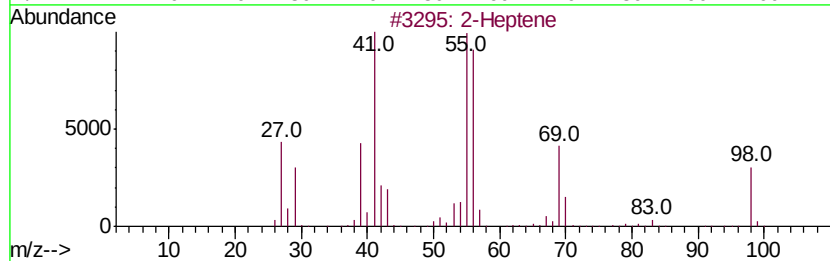
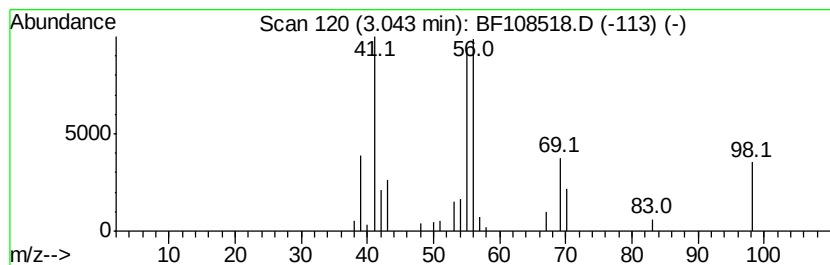
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Heptene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	2.81 ng	101909	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptene	98	C7H14	000592-77-8	95
2		2-Heptene, (E)-	98	C7H14	014686-13-6	94
3		(Z)-3-Heptene	98	C7H14	007642-10-6	76
4		3-Heptene, (E)-	98	C7H14	014686-14-7	76
5		(Z)-2-Heptene	98	C7H14	006443-92-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

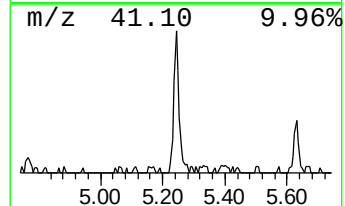
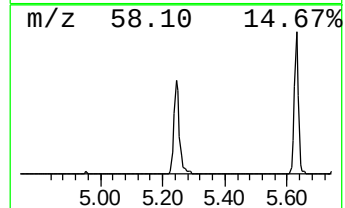
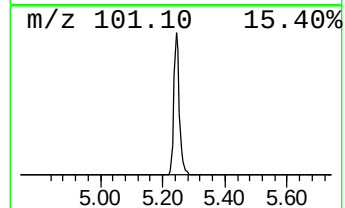
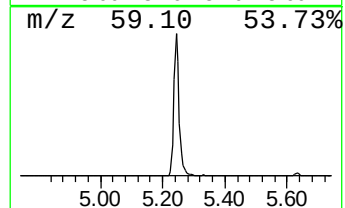
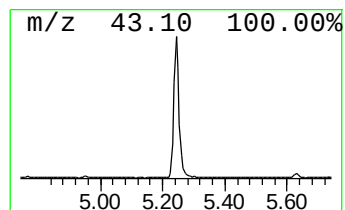
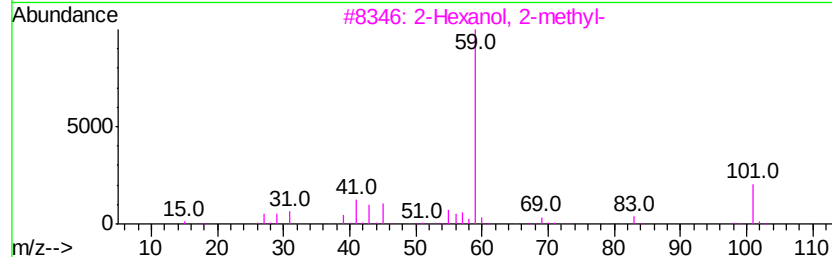
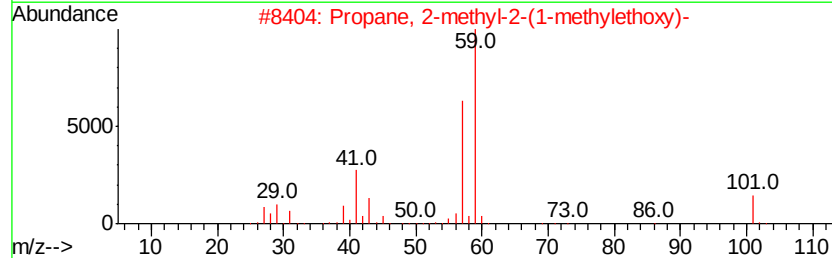
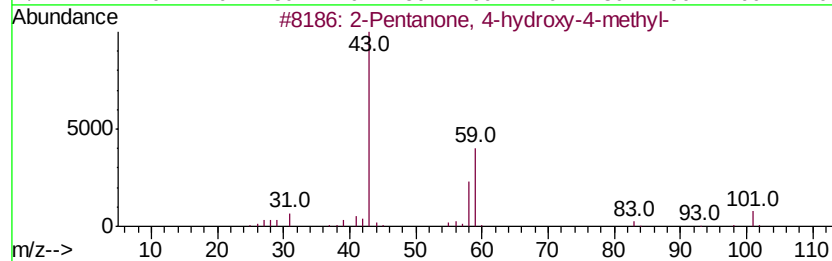
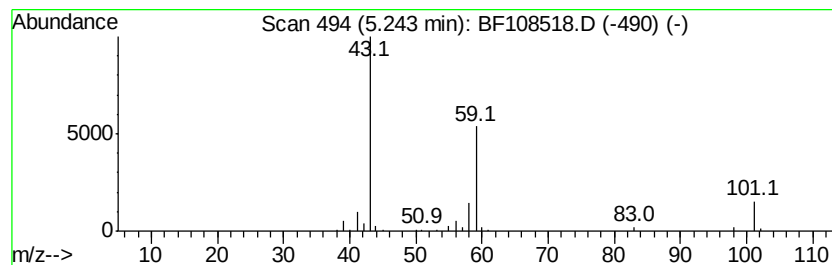
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	6.48 ng	235276	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

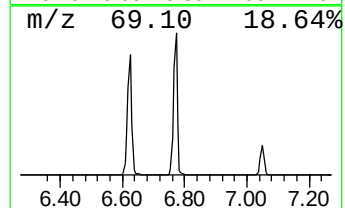
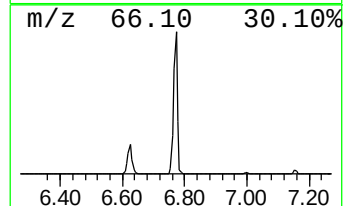
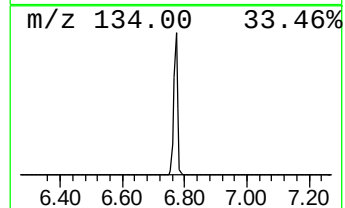
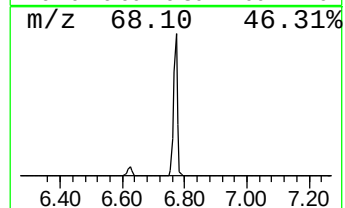
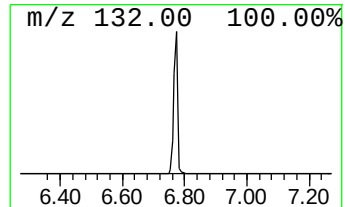
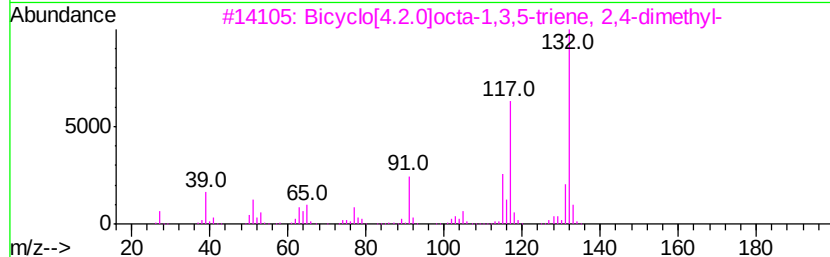
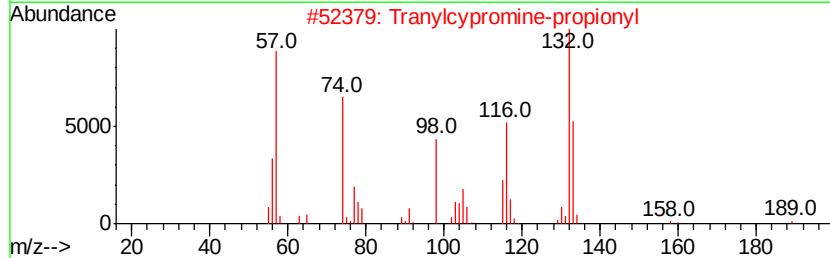
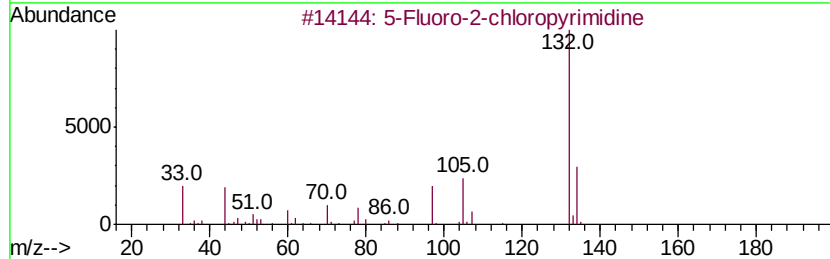
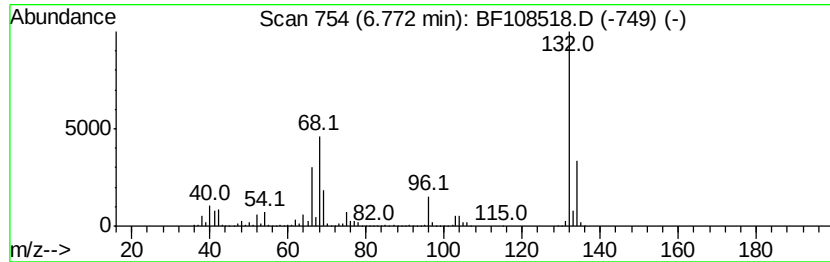
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	71.63 ng	2601510	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

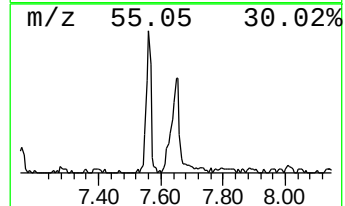
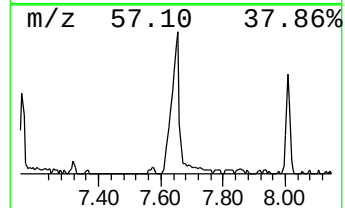
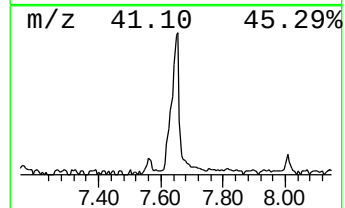
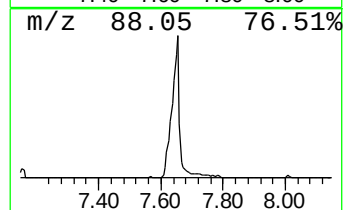
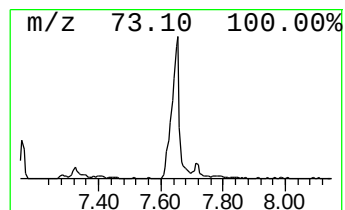
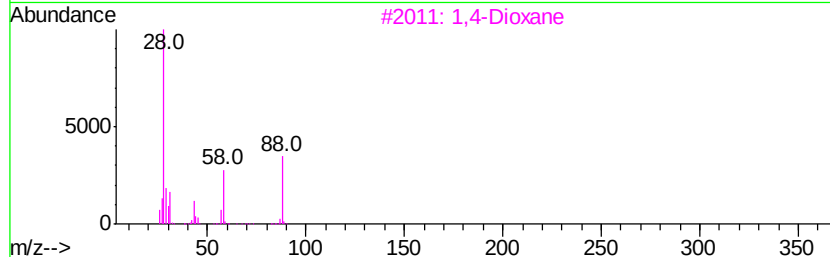
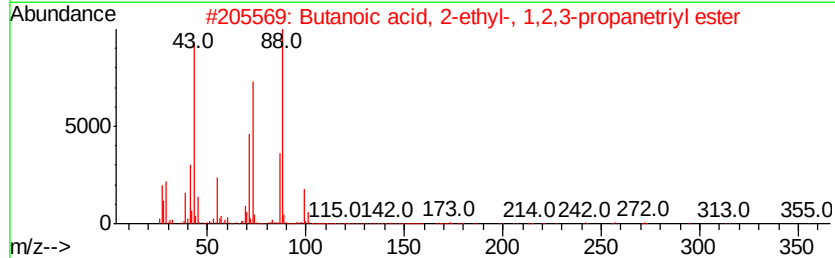
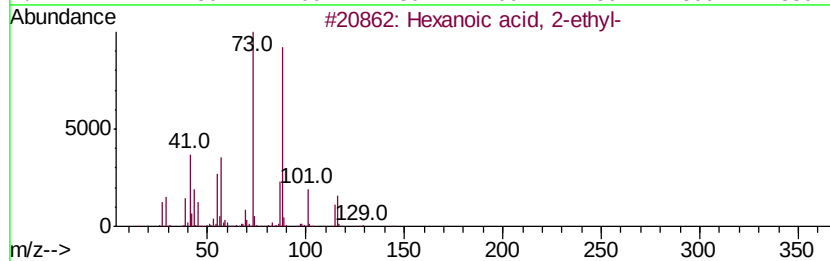
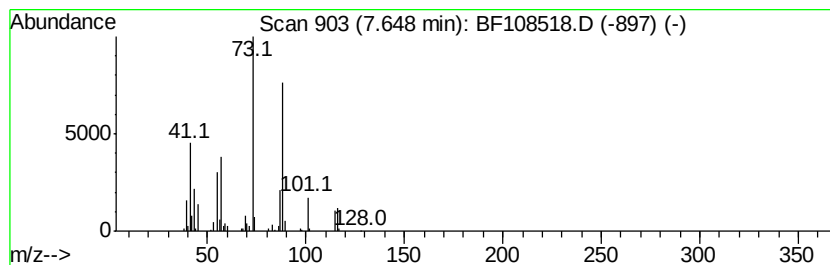
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	6.10 ng	271736	Naphthalene-d8	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3			1,4-Dioxane	88	C4H8O2	000123-91-1	47
4			Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	40
5			Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

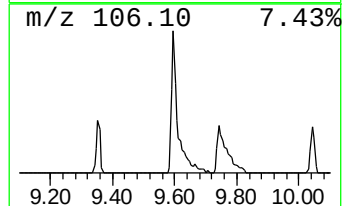
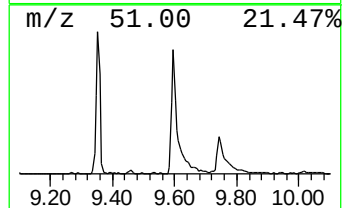
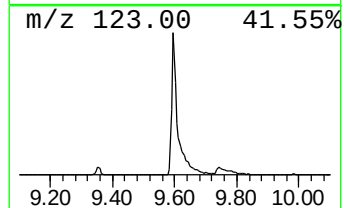
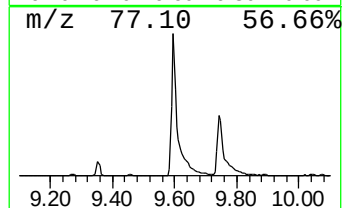
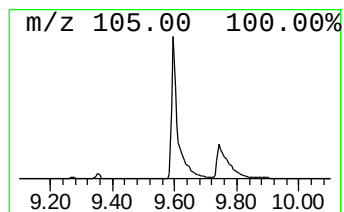
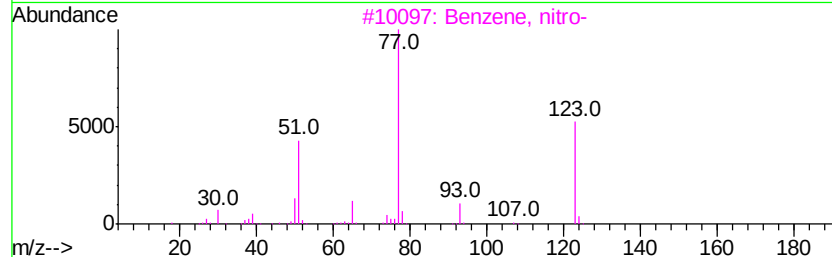
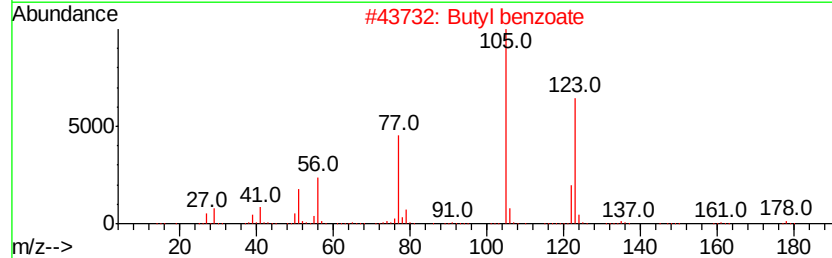
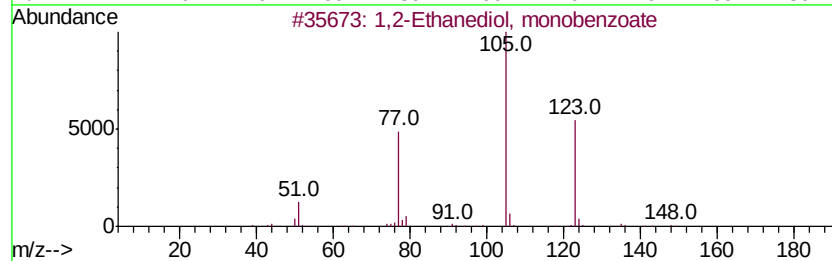
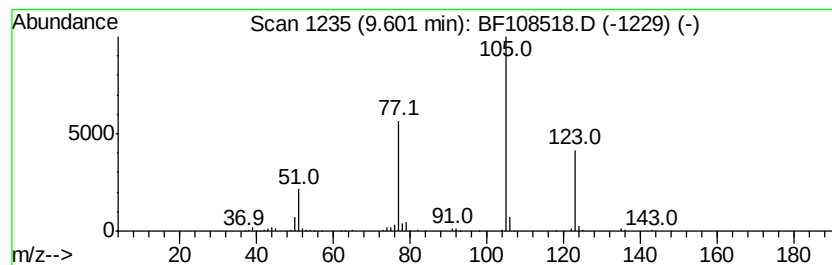
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,2-EthanedioI, monobenzoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	18.79 ng	901374	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-EthanedioI, monobenzoate	166	C9H10O3	000094-33-7	90
2		Butyl benzoate	178	C11H14O2	000136-60-7	72
3		Benzene, nitro-	123	C6H5NO2	000098-95-3	59
4		n-Propyl benzoate	164	C10H12O2	002315-68-6	59
5		Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

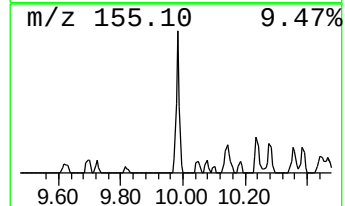
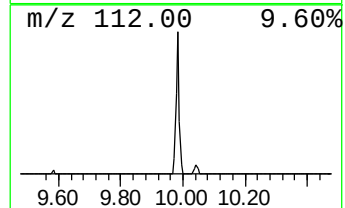
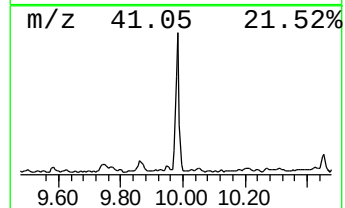
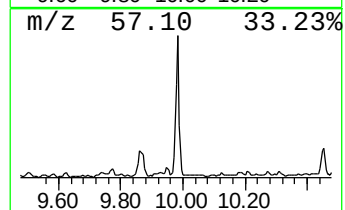
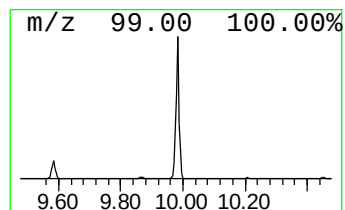
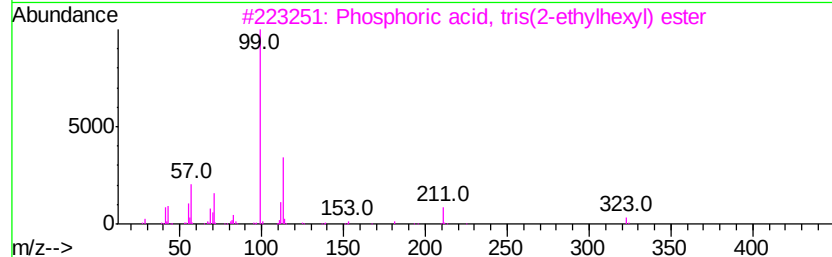
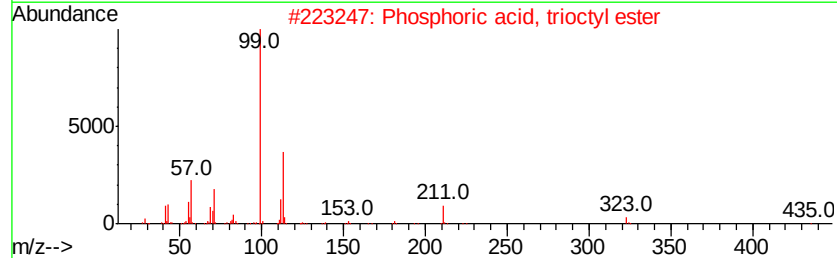
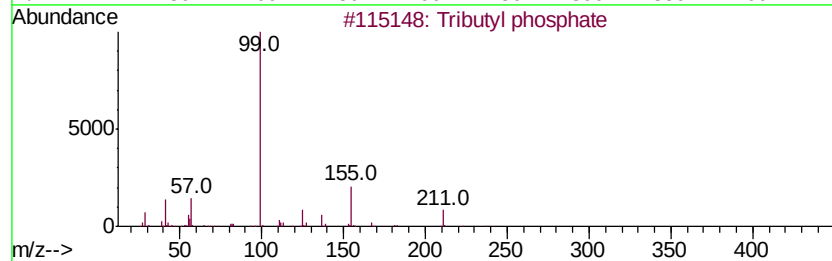
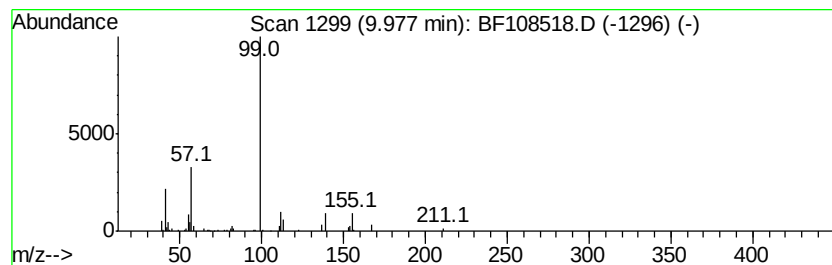
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.98 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	4.42 ng	211865	Acenaphthene-d10	10.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tributyl phosphate	266	C12H27O4P	000126-73-8	45
2		Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	42
3		Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	36
4		2-Methyl-2-propyl methylphosphon...	154	C5H12F02P	013273-12-6	36
5		n-Hexyl methylphosphonofluoridate	182	C7H16F02P	113548-89-3	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

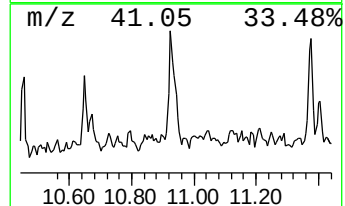
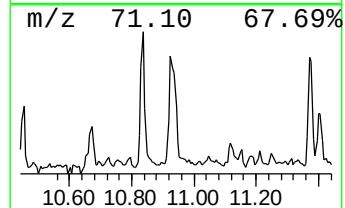
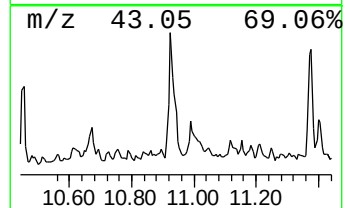
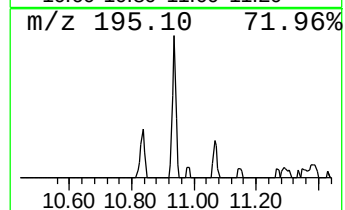
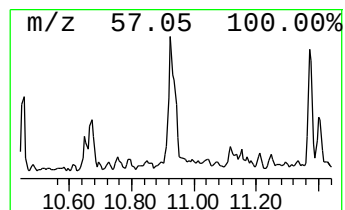
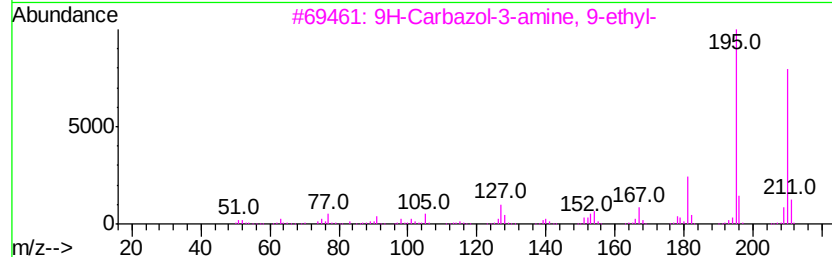
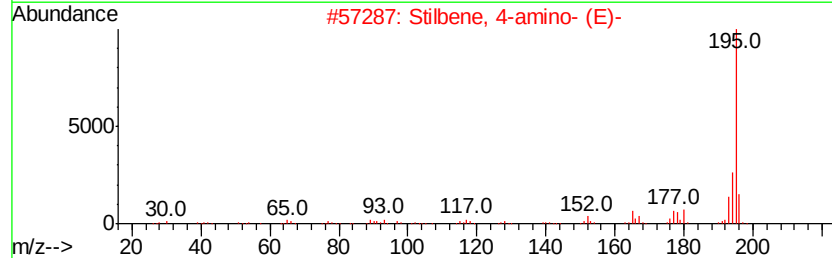
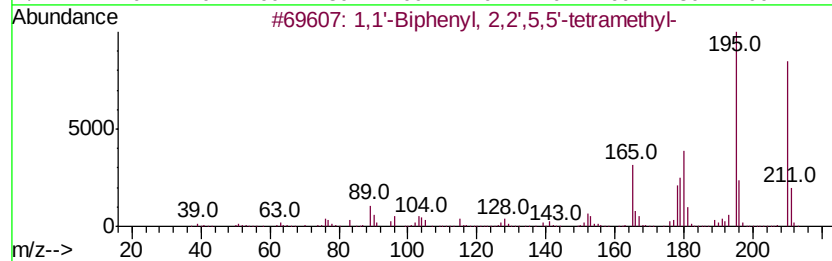
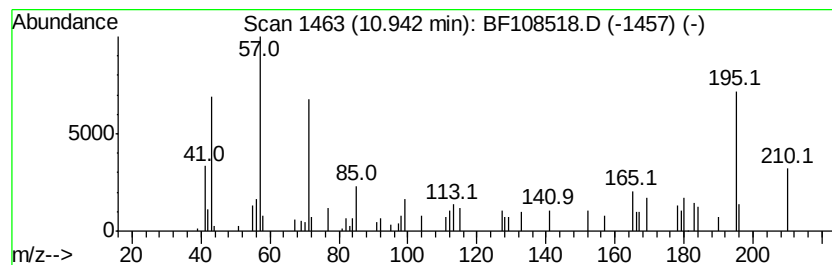
Instrument :
BNA_F
ClientSampleId :
Y-1802

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.94	2.28 ng	96570	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrameth...	210	C16H18	003075-84-1	55
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	49
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	43
4	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	43
5	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

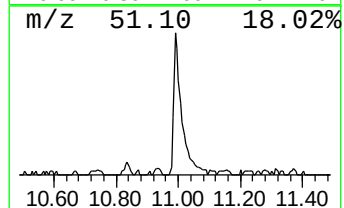
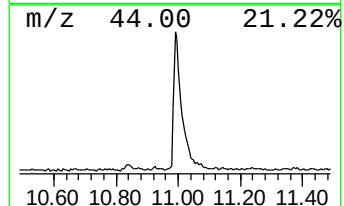
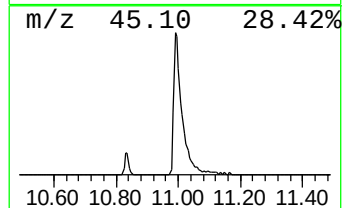
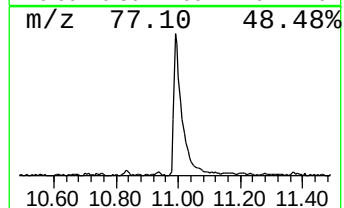
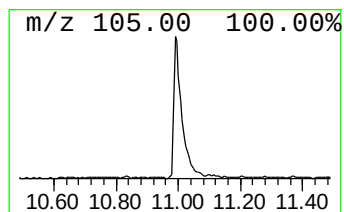
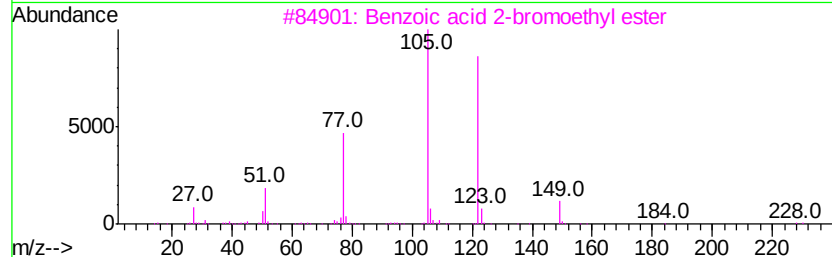
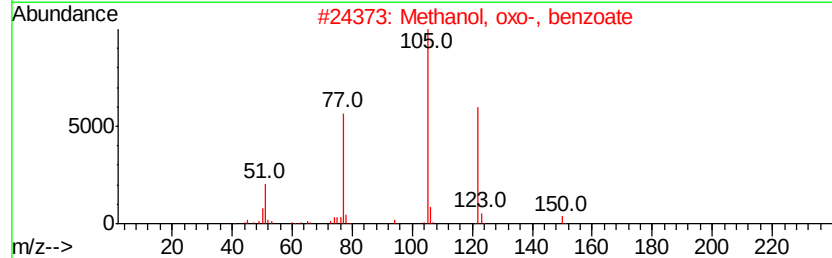
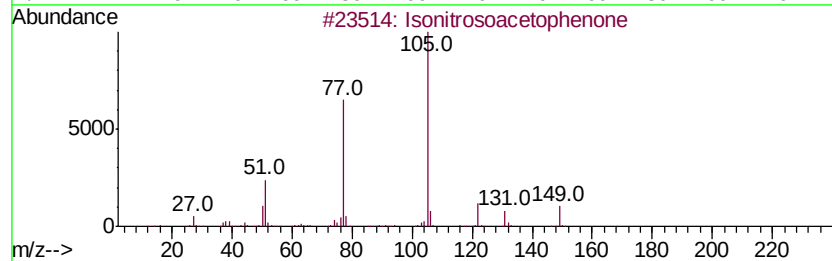
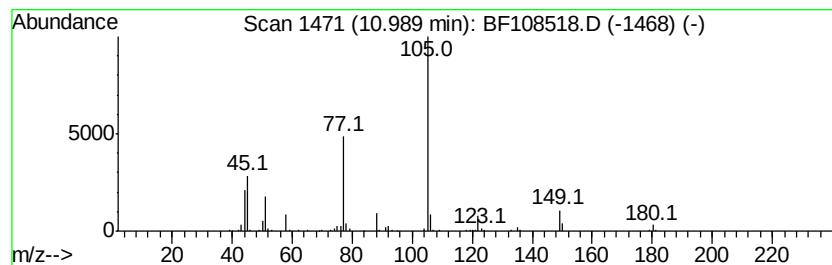
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	9.68 ng	408994	Phenanthrene-d10	11.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isonitrosoacetophenone	149	C8H7NO2	000532-54-7	49
2			Methanol, oxo-, benzoate	150	C8H6O3	1000305-65-2	46
3			Benzoic acid 2-bromoethyl ester	228	C9H9BrO2	000939-54-8	43
4			(+)-Dibenzoyl-L-tartaric acid an...	340	C18H12O7	064339-95-3	43
5			Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

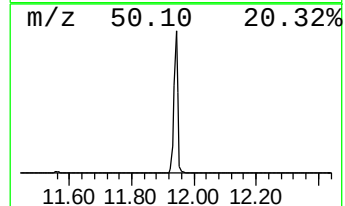
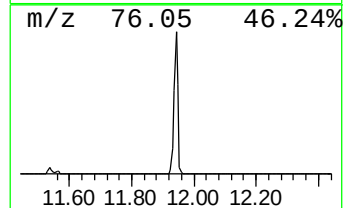
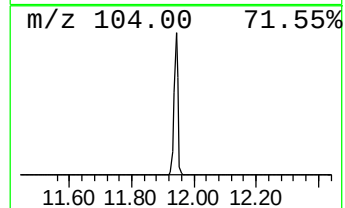
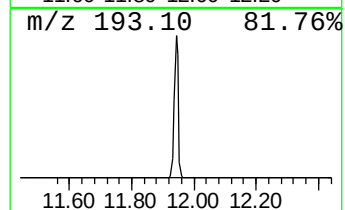
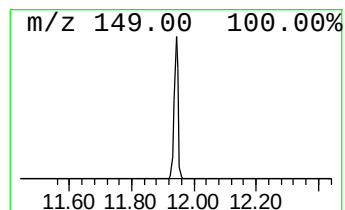
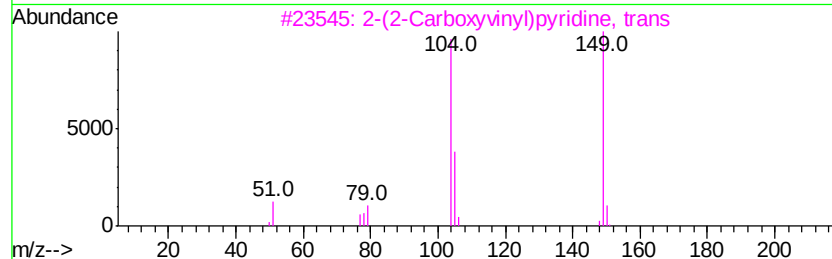
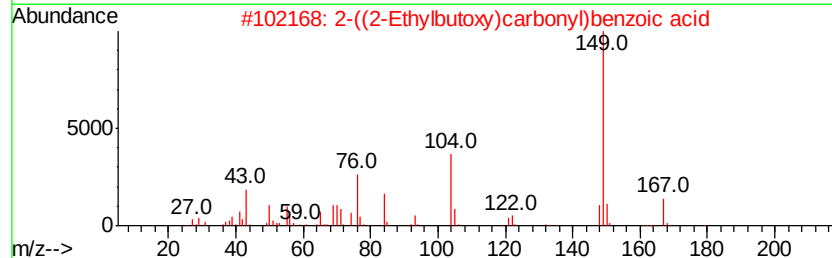
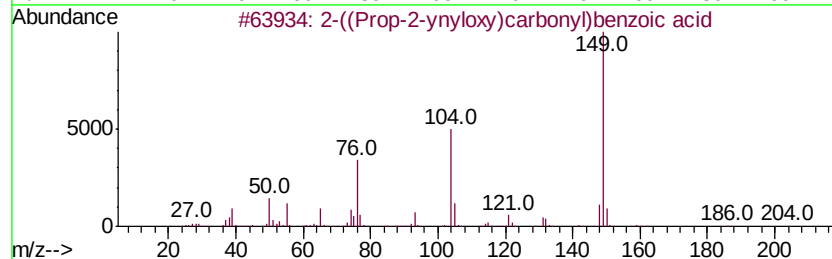
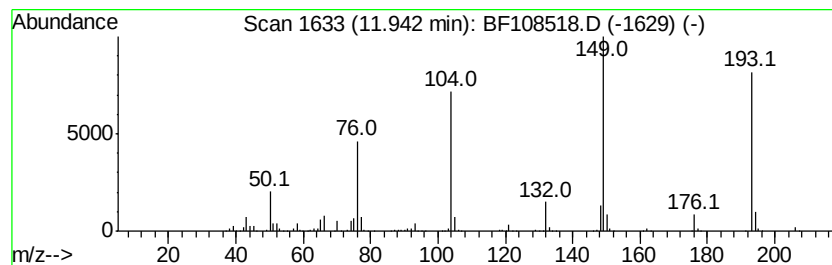
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	47.22 ng	1995780	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	40
2		2-((2-Ethylbutoxy)carbonyl)benzo...	250	C14H18O4	1000373-62-8	38
3		2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	27
4		m-Nitrobenzaldehyde dimethylhydr...	193	C9H11N3O2	032787-76-1	22
5		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

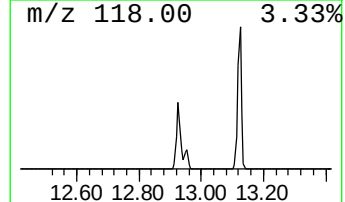
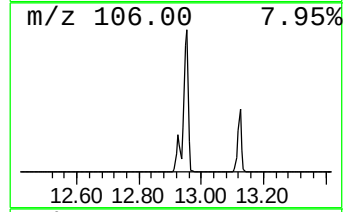
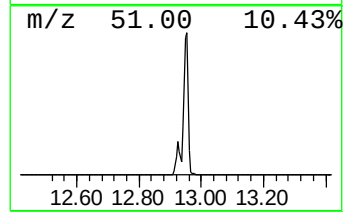
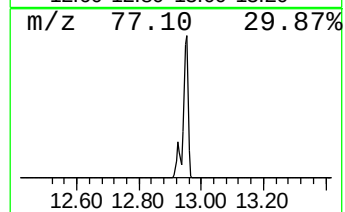
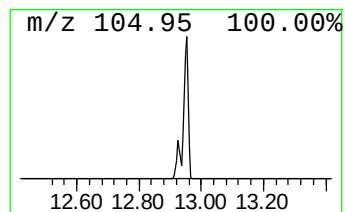
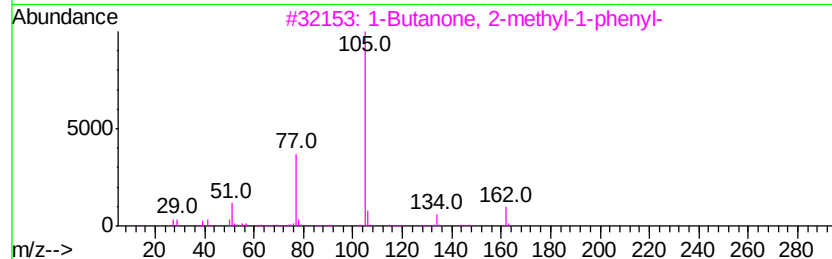
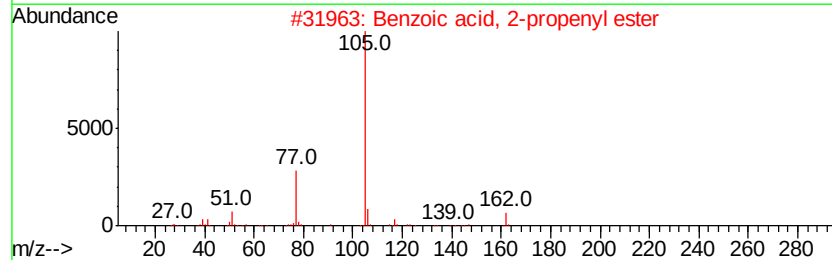
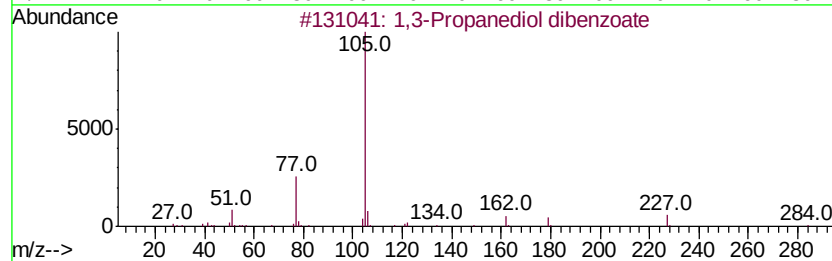
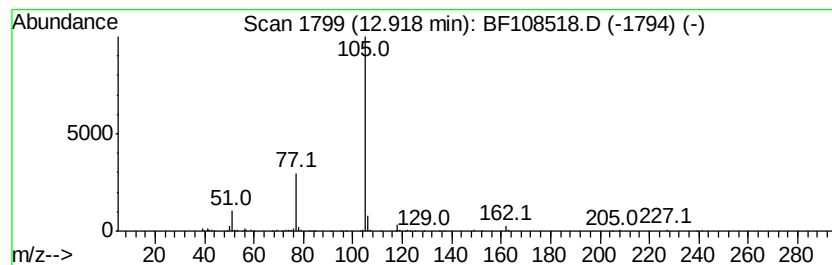
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,3-Propanediol dibenzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	12.08 ng	467812	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Propanediol dibenzoate	284	C17H16O4	002451-86-7	78
2		Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	78
3		1-Butanone, 2-methyl-1-phenyl-	162	C11H14O	000938-87-4	78
4		Propanetrione, diphenyl-	238	C15H10O3	000643-75-4	64
5		Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

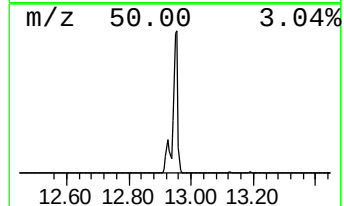
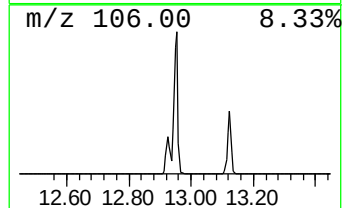
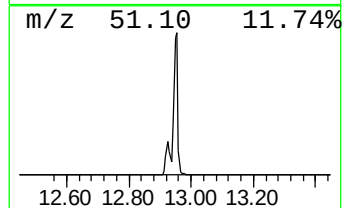
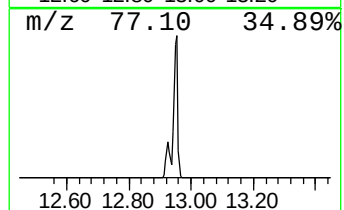
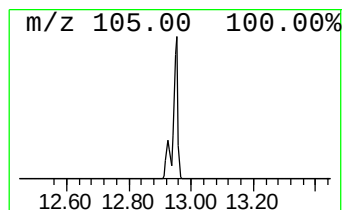
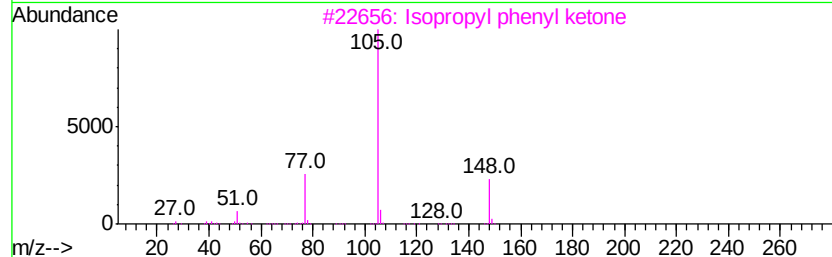
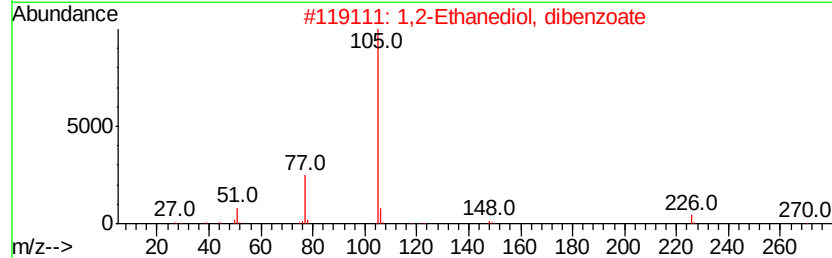
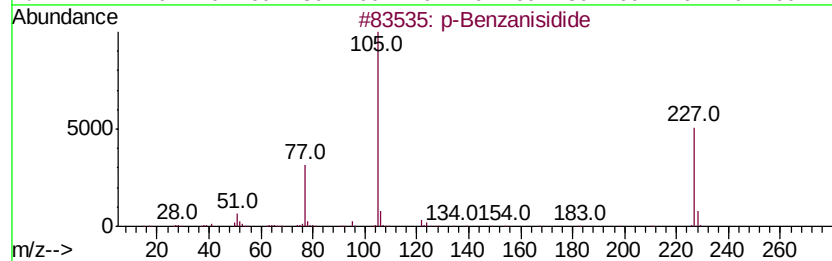
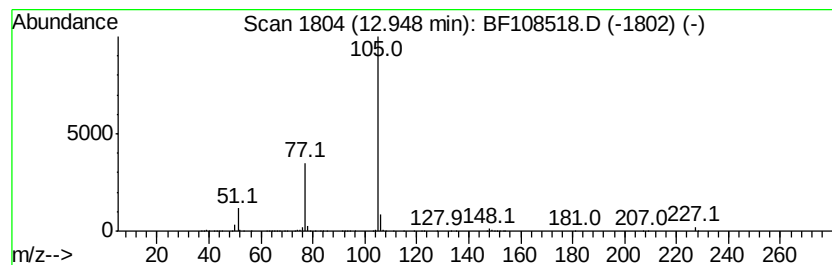
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 p-Benzanisidide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	39.92 ng	1545490	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Benzanisidide	227	C14H13NO2	007472-54-0	78
2		1,2-Ethanediol, dibenzoate	270	C16H14O4	000094-49-5	78
3		Isopropyl phenyl ketone	148	C10H12O	000611-70-1	78
4		Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	72
5		Benzoic acid, 3,5-difluophenyl e...	234	C13H8F2O2	1000357-79-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

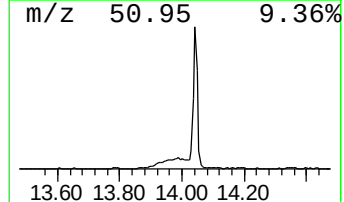
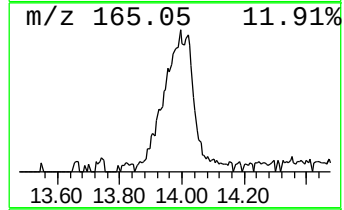
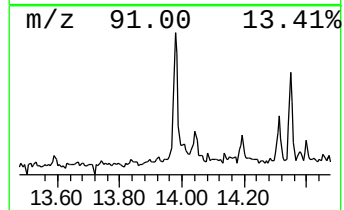
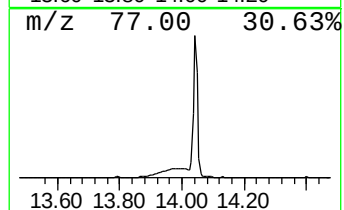
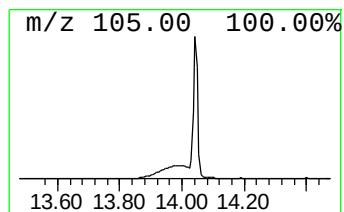
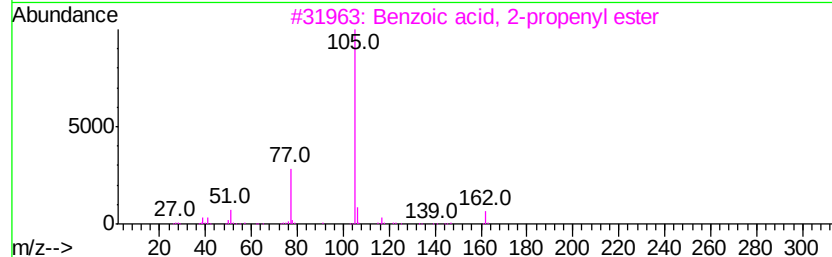
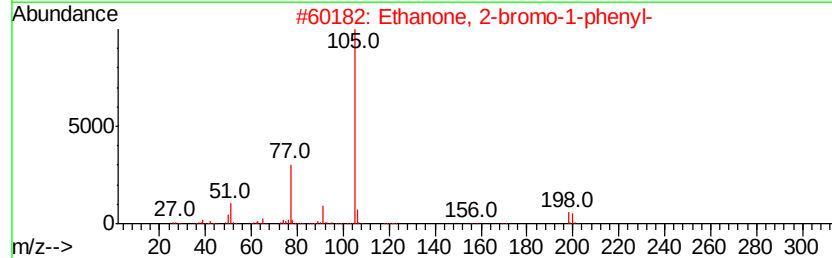
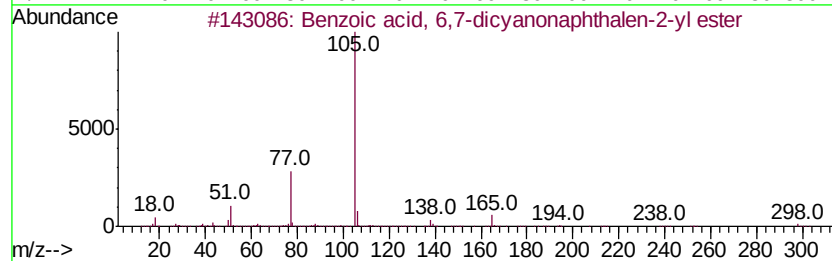
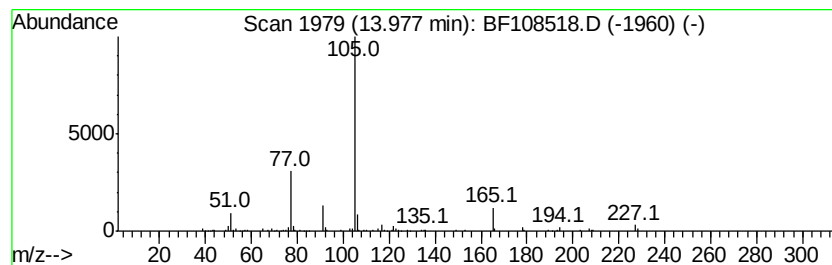
Instrument :
BNA_F
ClientSampleId :
Y-1802

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, 6,7-dicyanona... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.98	9.92 ng	384136	Chrysene-d12	14.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzoic acid, 6,7-dicvanonaphtha...	298	C19H10N2O2	078119-73-0	59
2		Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	59
3		Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	50
4		Pentanediamide, N,N'-di-benzovloxy-	370	C19H18N2O6	1000253-26-3	50
5		1,2(4H)-Oxazine-3-ol, 5,6-dihydr...	219	C11H9N04	1000253-25-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

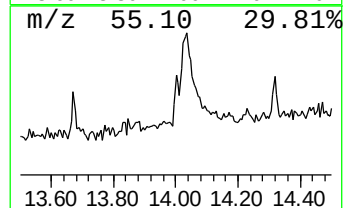
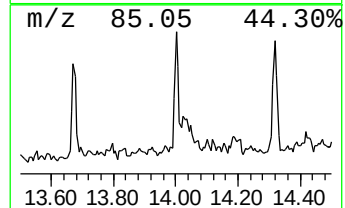
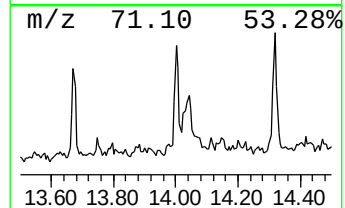
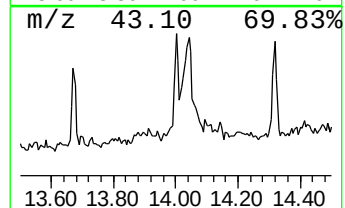
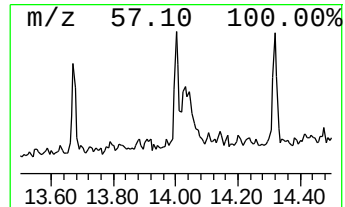
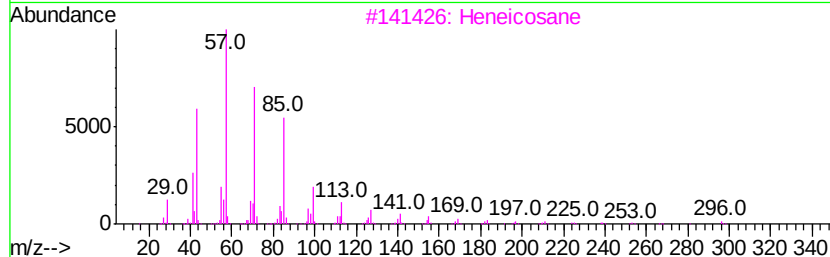
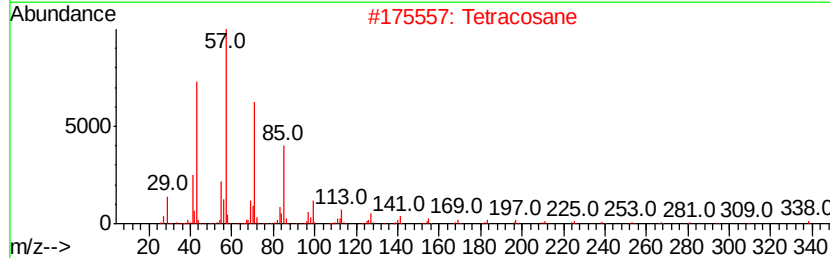
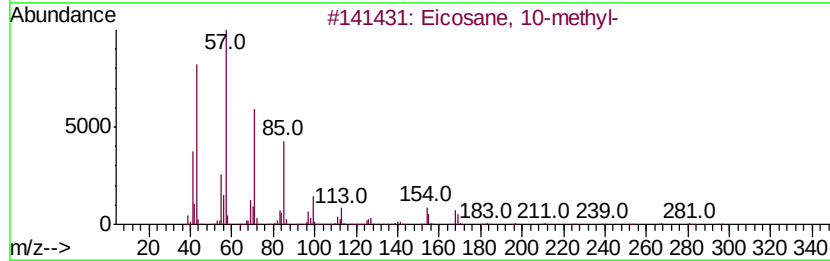
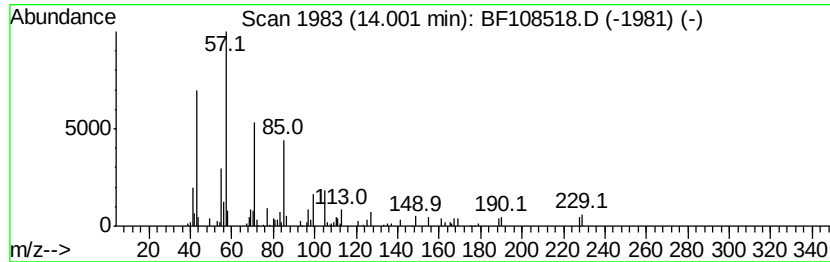
Instrument :
BNA_F
ClientSampleId :
Y-1802

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.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, 10-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.00	3.43 ng	132705	Chrysene-d12		14.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
2	Tetracosane	338	C24H50	000646-31-1	68
3	Heneicosane	296	C21H44	000629-94-7	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Docosane	310	C22H46	000629-97-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

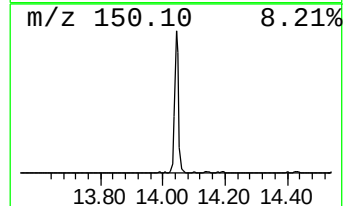
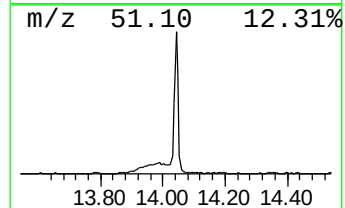
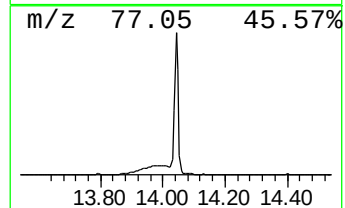
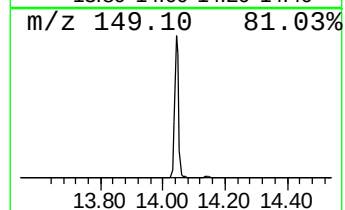
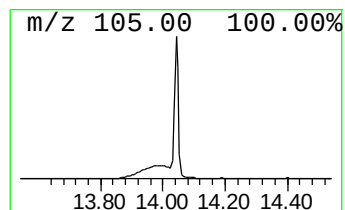
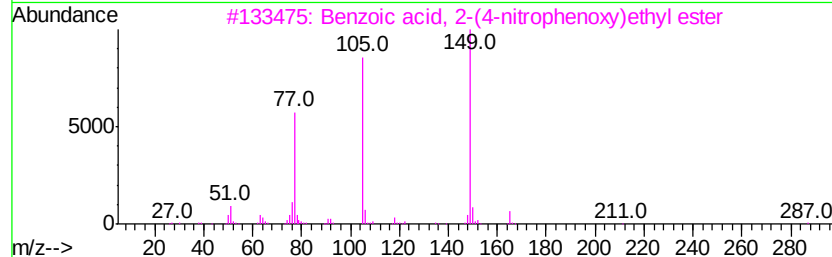
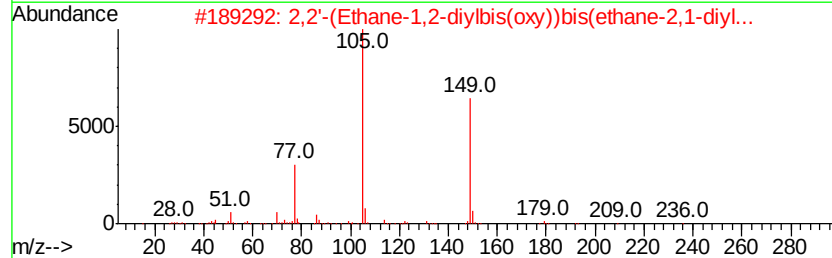
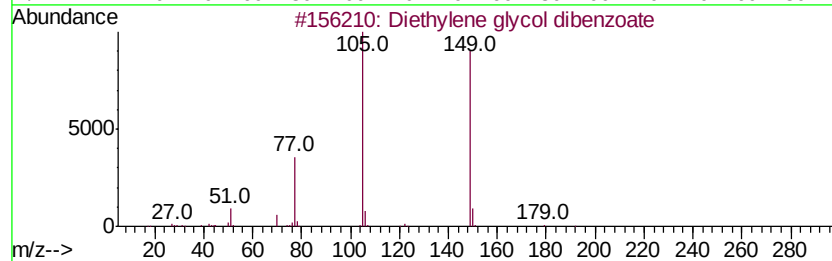
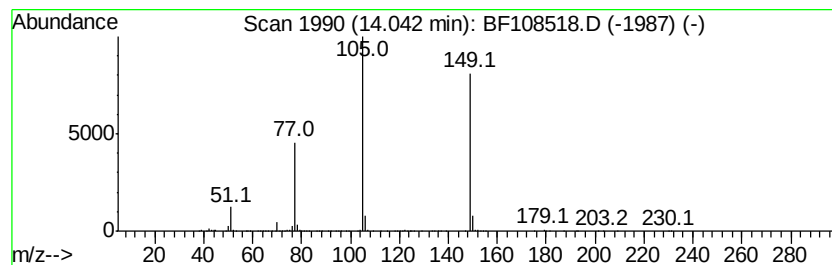
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Diethylene glycol dibenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	33.88 ng	1311650	Chrysene-d12	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2		2,2'-(Ethane-1,2-diylbis(oxv))bi...	358	C20H22O6	1000366-99-4	74
3		Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	72
4		Ethanol, 2-(4-phenoxyphenoxy)-, ...	334	C21H18O4	055191-59-8	56
5		3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

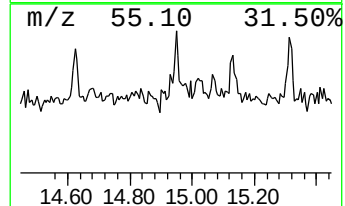
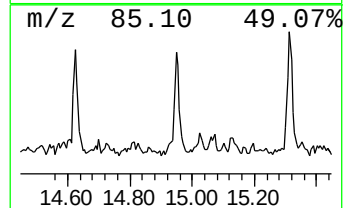
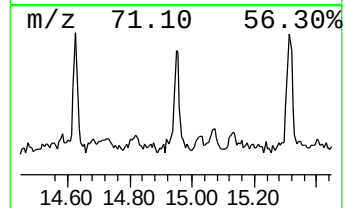
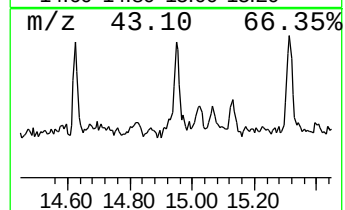
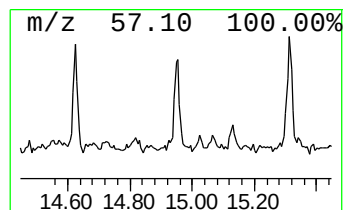
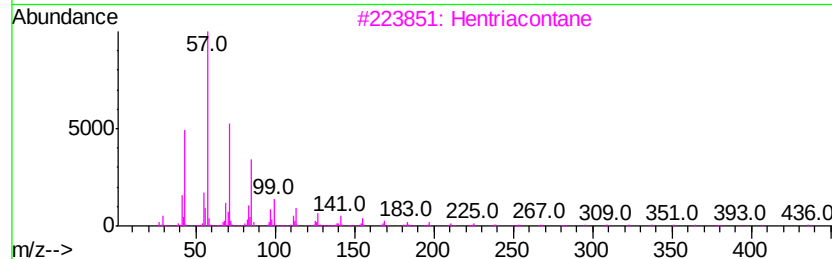
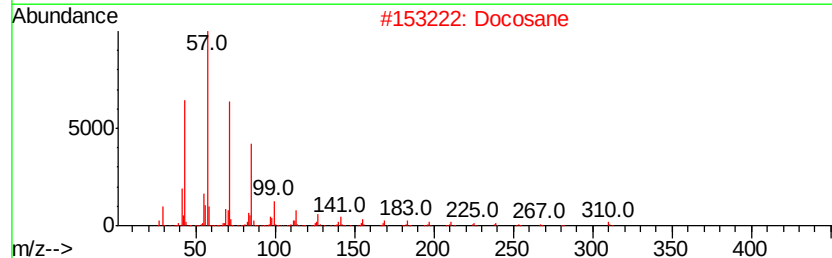
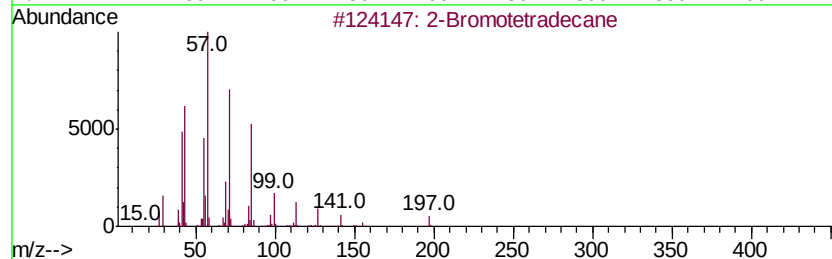
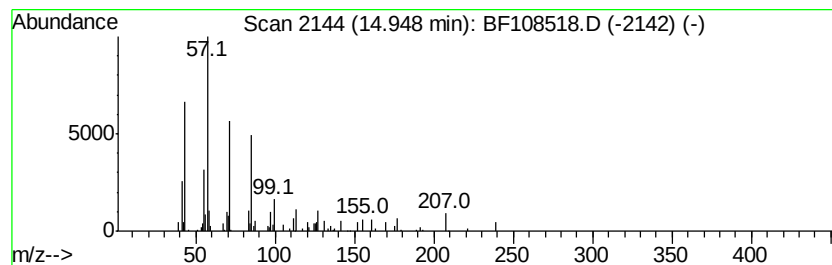
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromotetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.33 ng	90314	Chrysene-d12	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromotetradecane	276	C14H29Br	074036-95-6	72
2			Docosane	310	C22H46	000629-97-0	72
3			Hentriacontane	437	C31H64	000630-04-6	72
4			Triacontane	422	C30H62	000638-68-6	72
5			Octacosane	394	C28H58	000630-02-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

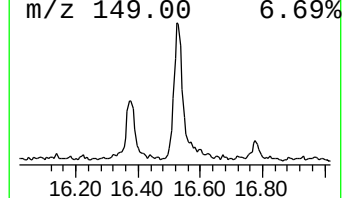
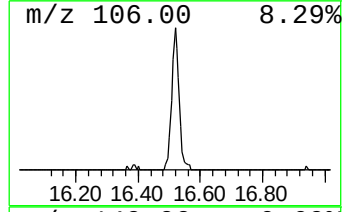
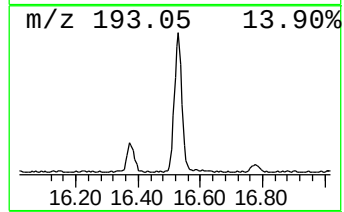
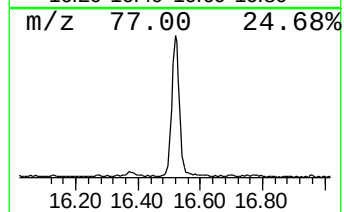
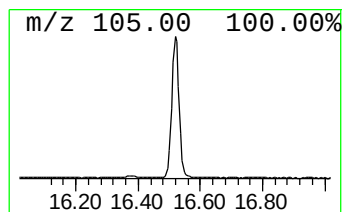
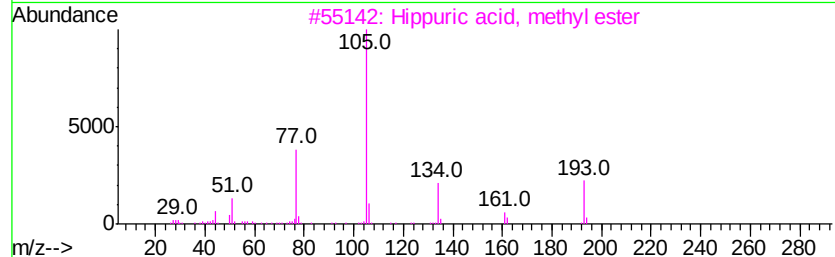
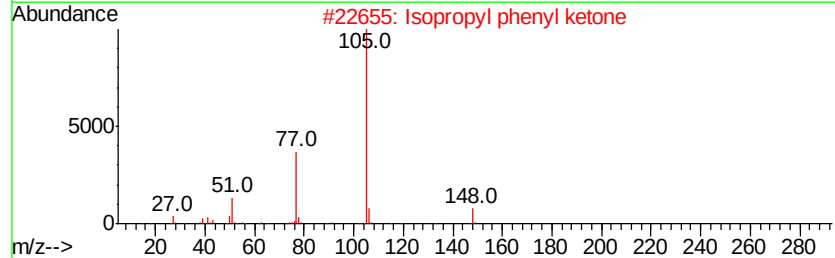
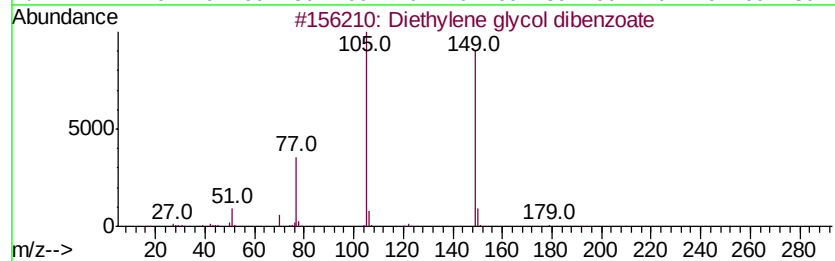
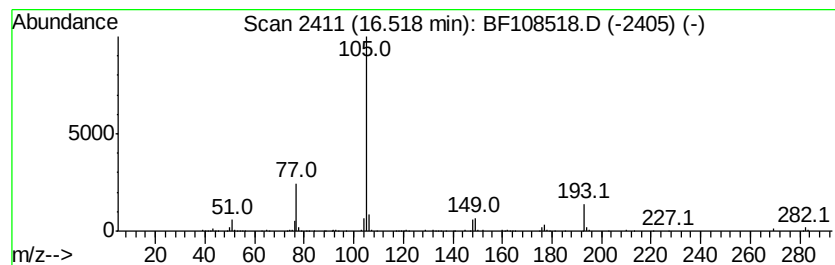
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Isopropyl phenyl ketone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	14.57 ng	544472	Perylene-d12	15.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	47
2		Isopropyl phenyl ketone	148	C10H12O	000611-70-1	38
3		Hippuric acid, methyl ester	193	C10H11NO3	001205-08-9	38
4		1,2-Ethanediol, dibenzoate	270	C16H14O4	000094-49-5	38
5		Thiobenzoic acid, S-n-butyl ester	194	C11H14OS	007269-35-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108518.D
Acq On : 27 Aug 2018 18:42
Operator : JU/SJ
Sample : J4524-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Y-1802

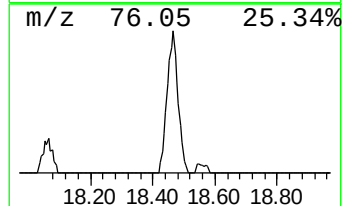
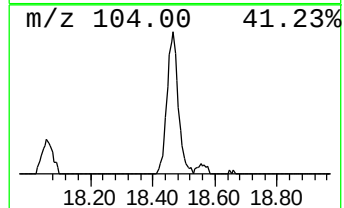
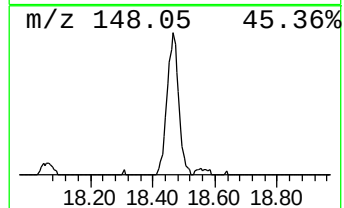
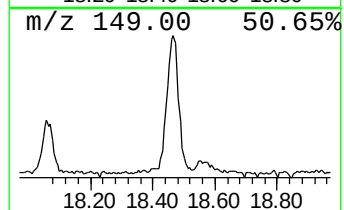
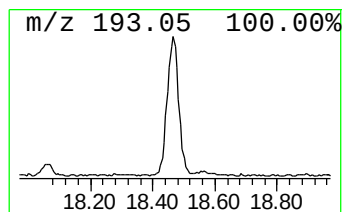
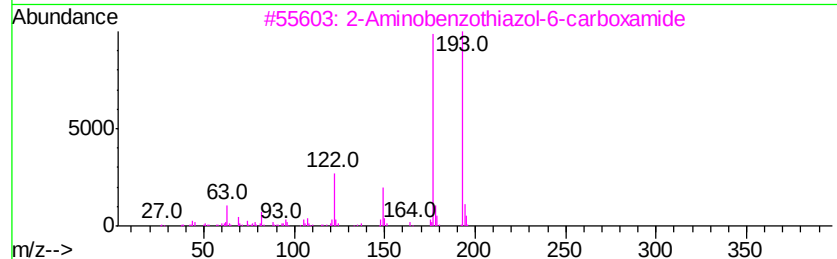
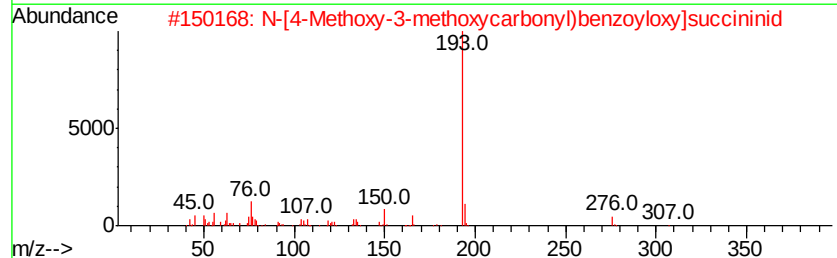
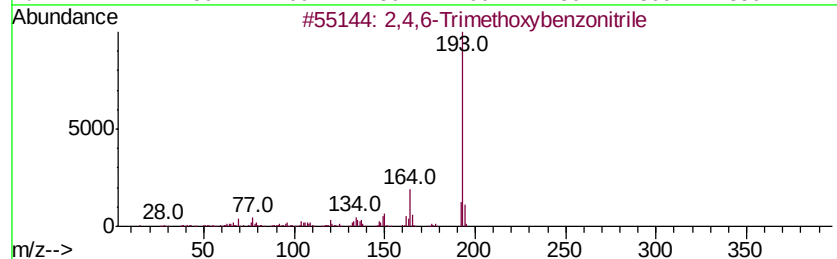
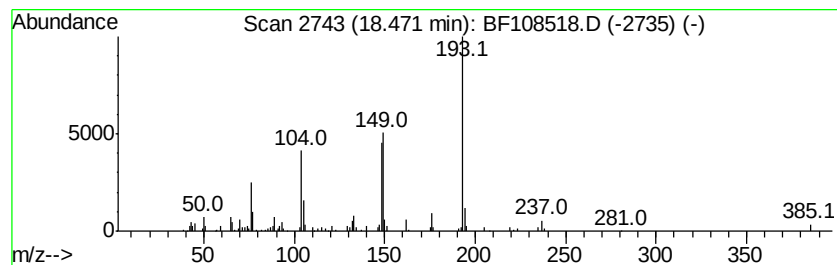
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.47 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	6.91 ng	258382	Perylene-d12	15.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Trimethoxybenzonitrile	193	C10H11N03	002571-54-2	27
2			N-[4-Methoxy-3-methoxycarbonyl)b...	307	C14H13N07	541528-00-1	25
3			2-Aminobenzothiazol-6-carboxamide	193	C8H7N3OS	111962-90-4	25
4			1,2,4-Benznetricarboxylic acid, ...	224	C10H8O6	1000257-89-4	25
5			Salicylic acid, 3-isobutyl-4-phe...	298	C17H18N2O3	1000217-22-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082718\
 Data File : BF108518.D
 Acq On : 27 Aug 2018 18:42
 Operator : JU/SJ
 Sample : J4524-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Y-1802

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
3-Heptene, (E)-	2.71	5.5 ng		197815	1	7.00	726390	20.0
2-Heptene, (E)-	2.87	6.8 ng		247013	1	7.00	726390	20.0
2-Heptene	3.04	2.8 ng		101909	1	7.00	726390	20.0
2-Pentanone, 4-hy...	5.24	6.5 ng		235276	1	7.00	726390	20.0
unknown6.77	6.77	71.6 ng		2601510	1	7.00	726390	20.0
Hexanoic acid, 2-...	7.65	6.1 ng		271736	2	8.28	890460	20.0
1,2-Ethanediol, m...	9.60	18.8 ng		901374	3	10.04	959458	20.0
unknown9.98	9.98	4.4 ng		211865	3	10.04	959458	20.0
1,1'-Biphenyl, 2,...	10.94	2.3 ng		96570	4	11.54	845350	20.0
unknown10.99	10.99	9.7 ng		408994	4	11.54	845350	20.0
unknown11.94	11.94	47.2 ng		1995780	4	11.54	845350	20.0
1,3-Propanediol d...	12.92	12.1 ng		467812	5	14.19	774237	20.0
p-Benzanisidide	12.95	39.9 ng		1545490	5	14.19	774237	20.0
Benzoic acid, 6,7...	13.98	9.9 ng		384136	5	14.19	774237	20.0
Eicosane, 10-methyl-	14.00	3.4 ng		132705	5	14.19	774237	20.0
Diethylene glycol...	14.04	33.9 ng		1311650	5	14.19	774237	20.0
2-Bromotetradecane	14.95	2.3 ng		90314	5	14.19	774237	20.0
Isopropyl phenyl ...	16.52	14.6 ng		544472	6	15.75	747558	20.0
unknown18.47	18.47	6.9 ng		258382	6	15.75	747558	20.0