LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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	2.151	6	11	17	rVB	136588	183134	1.68%	0.166%
2	3.398	220	223	233	rBV	77185	163054	1.50%	0.148%
3	5.081	500	509	516	rBV	273050	334263	3.07%	0.303%
4	5.498	576	580	593	rBV	5597013	5304370	48.66%	4.808%
5	6.510	747	752	766	rBV	5456339	5919432	54.30%	5.366%
6	6.639	769	774	777	rBV	6296001	5783351	53.05%	5.242%
7	6.857	808	811	815	rBV	1991009	1829251	16.78%	1.658%
8	7.016	834	838	842	rBV	4880006	4429798	40.63%	4.015%
9	7.422	898	907	910	rBV	3730118	3613738	33.15%	3.276%
10	8.139	1024	1029	1033	rBV	2626118	2438689	22.37%	2.211%
11	9.139	1196	1199	1201	rBV2	160315	123721	1.13%	0.112%
12	9.163	1201	1203	1207	rBV3	144070	142136	1.30%	0.129%
13	9.216	1208	1212	1215	rBV	7019602	6356719	58.31%	5.762%
14	9.298	1223	1226	1230	rBV3	392844	425149	3.90%	0.385%
15	9.610	1276	1279	1283	rBV2	1310369	1509600	13.85%	1.368%
16	9.669	1286	1289	1292	rVB2	263719	315099	2.89%	0.286%
17	9.769	1302	1306	1308	rBV2	706335	751536	6.89%	0.681%
18	9.810	1308	1313	1316	rVV	1158575	1239151	11.37%	1.123%
19	9.851	1318	1320	1322	rVV2	213267	183446	1.68%	0.166%
20	9.898	1322	1328	1332	rVV2	3218549	3322254	30.48%	3.011%
21	9.939	1332	1335	1338	rBV4	320654	464256	4.26%	0.421%
22	10.157	1369	1372	1375	rBV2	398204	460287	4.22%	0.417%
23	10.216	1380	1382	1384	rBV3	276177	315598	2.89%	0.286%
24	10.239	1384	1386	1389	rVB3	361410	285691	2.62%	0.259%
25	10.269	1389	1391	1394	rBV3	362995	363243	3.33%	0.329%
26	10.310	1395	1398	1402	rBV2	1115689	976609	8.96%	0.885%
27	10.363	1404	1407	1409	rBV2	404459	433067	3.97%	0.393%
28	10.692	1459	1463	1466	rBV	3917761	3627424	33.27%	3.288%
29	10.816	1481	1484	1491	rVB2	1047084	1365916	12.53%	1.238%
30	11.392	1578	1582	1584	rBV	2753618	2762963	25.34%	2.504%
31	11.916	1669	1671	1674	rBV3	695702	546426	5.01%	0.495%
32	12.604	1786	1788	1792	rVB	1361373	1096309	10.06%	0.994%
33	12.833	1825	1827	1830	rVB	1047307	804219	7.38%	0.729%
34	12.974	1847	1851	1854	rVB	5852988	5304425	48.66%	4.808%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.292	1899	1905	1915	rVB	3128230	7025542	64.45%	6.368%
36	14.009	2020	2027	2033	rBV3	4754332	10901565	100.00%	9.882%
37	14.180	2053	2056	2059	rVB	508618	486193	4.46%	0.441%
38	14.486	2105	2108	2114	rVB	1024323	1032097	9.47%	0.936%
39	14.580	2117	2124	2131	rVB	4568674	8304846	76.18%	7.528%
40	14.792	2156	2160	2164	rVB	1365125	1395542	12.80%	1.265%
41	15.068	2203	2207	2210	rBV	678585	944854	8.67%	0.856%
42	15.133	2213	2218	2224	rVB	3903772	6579220	60.35%	5.964%
43	15.374	2255	2259	2265	rVB	361560	502715	4.61%	0.456%
44	15.433	2266	2269	2275	rVV	506399	677871	6.22%	0.614%
45	15.504	2276	2281	2293	rVB2	2156364	3936625	36.11%	3.568%
46	15.780	2321	2328	2336	rVB	1264245	2638640	24.20%	2.392%
47	15.951	2352	2357	2365	rVB	639682	998529	9.16%	0.905%
48	16.456	2438	2443	2448	rBV	263535	458846	4.21%	0.416%
49	16.527	2448	2455	2463	rVB2	329739	850698	7.80%	0.771%
50	16.968	2526	2530	2537	rVB2	222179	413938	3.80%	0.375%

Sum of corrected areas: 110322045

LSC Report - Integrated Chromatogram

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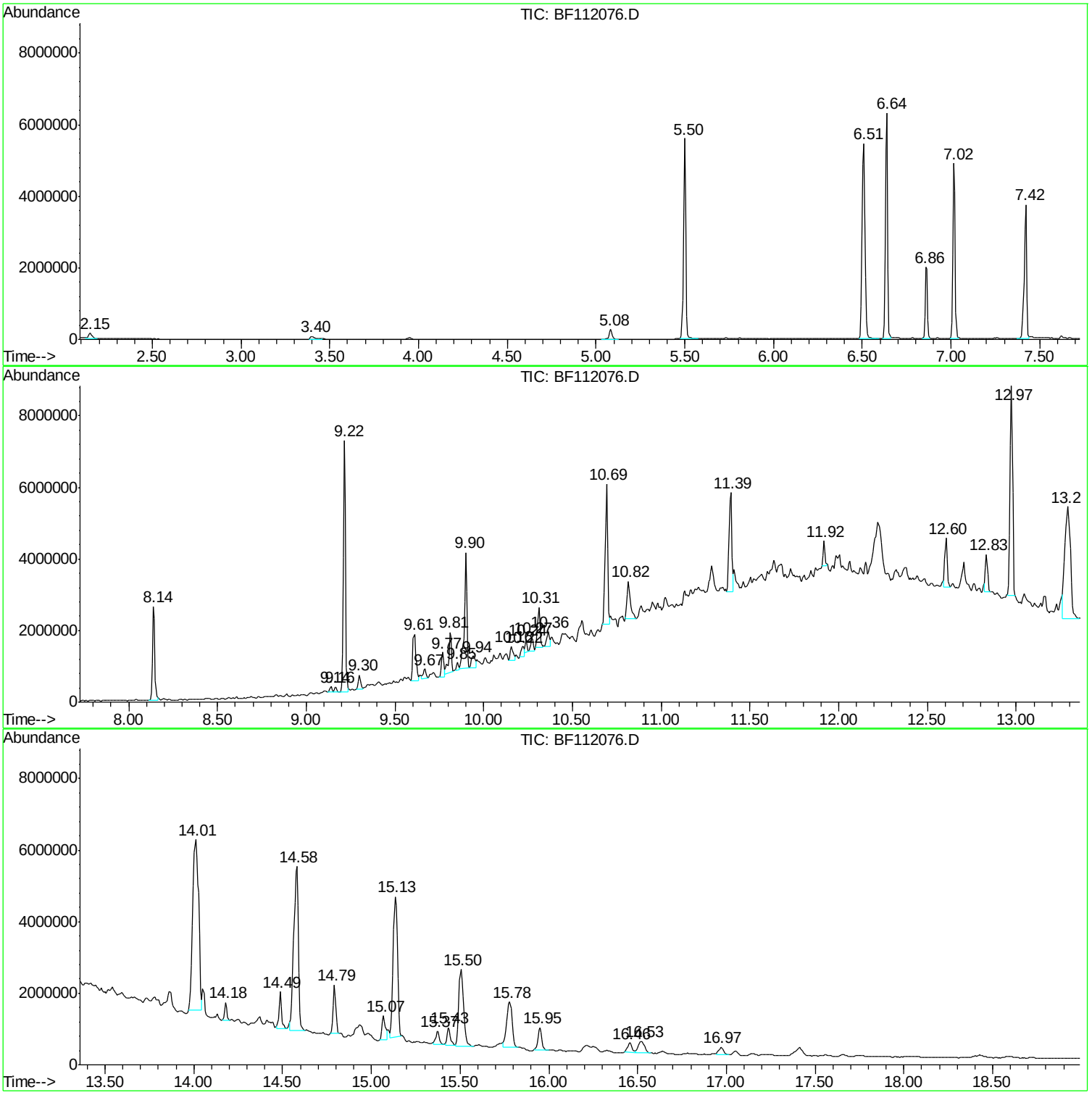
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

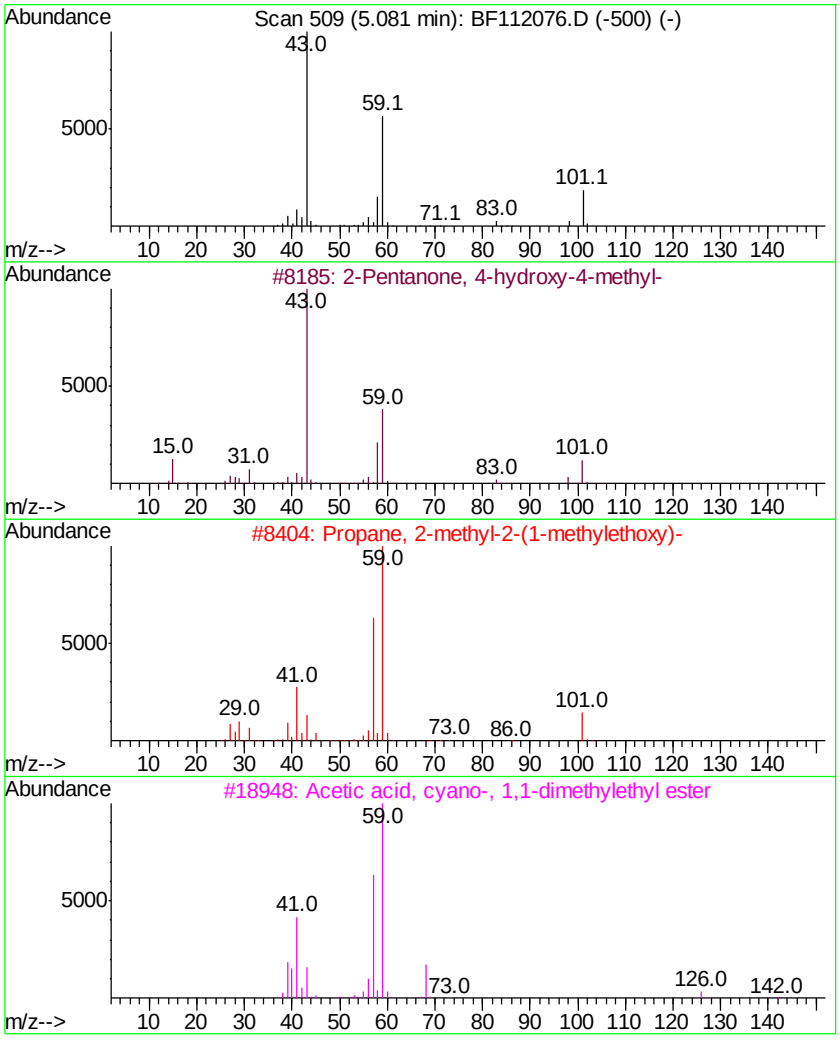
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

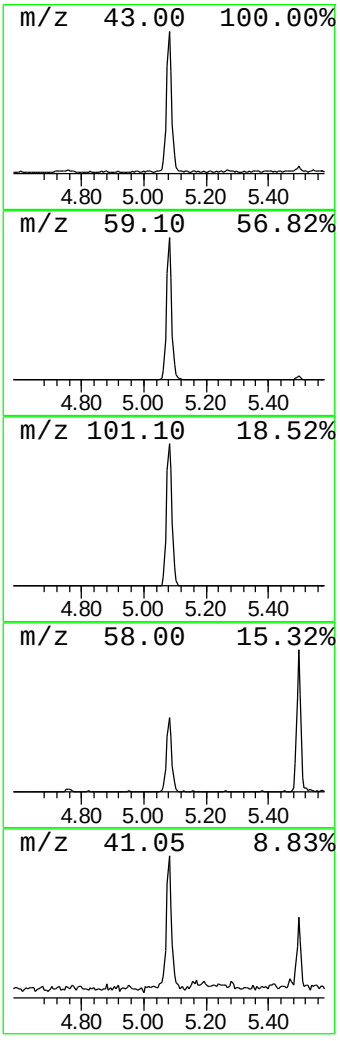
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	3.65 ng	334263	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

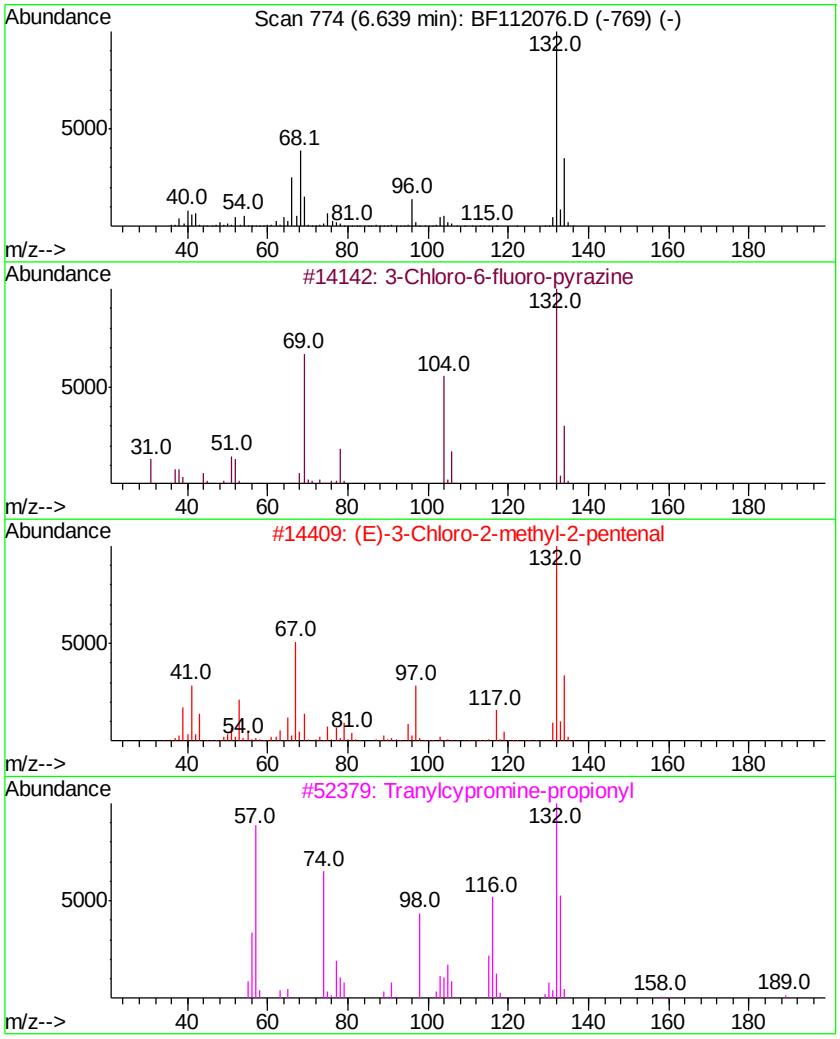
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

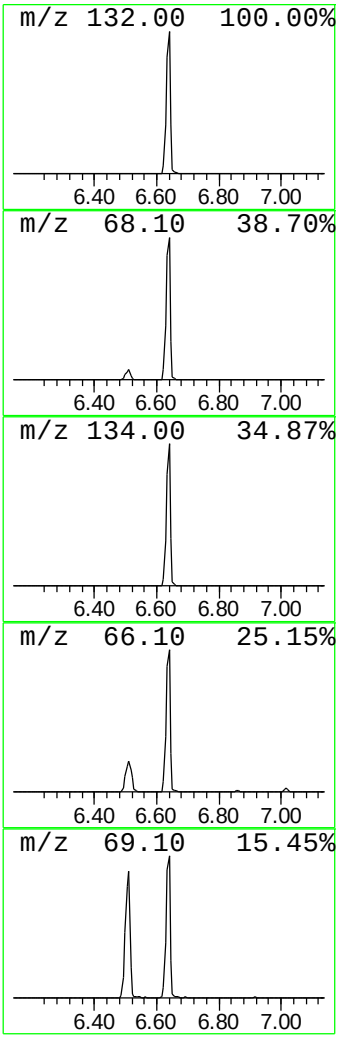
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	63.23 ng	5783350	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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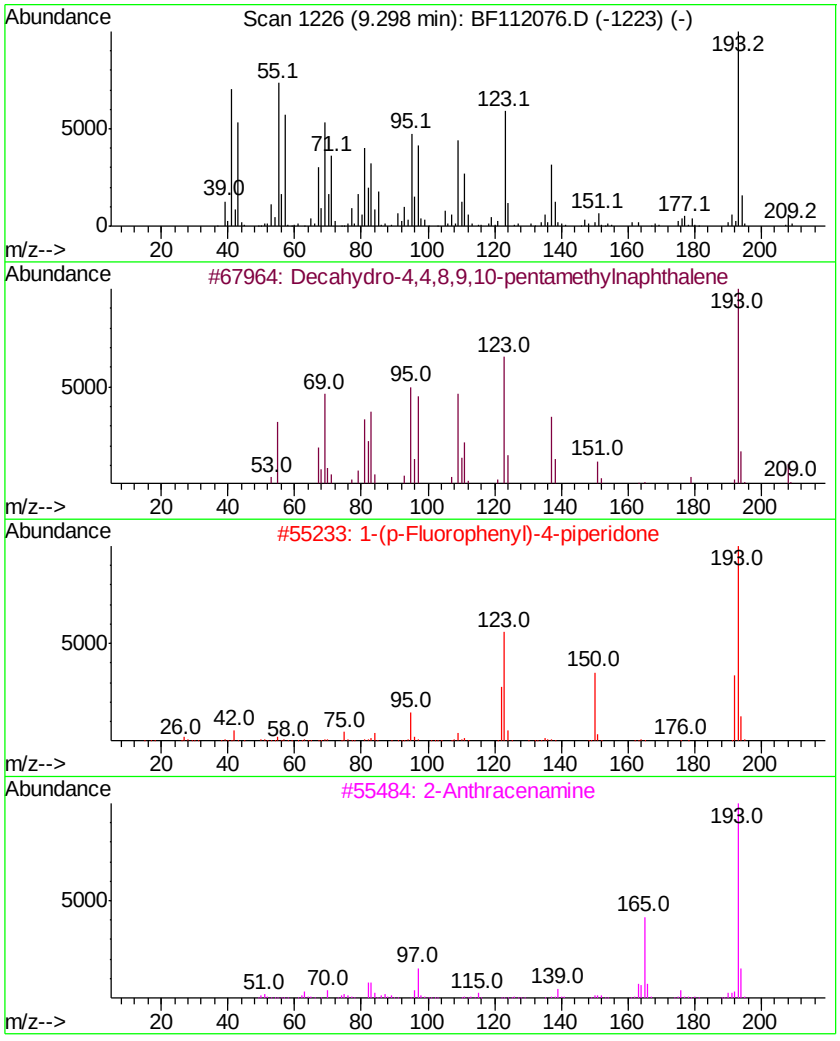
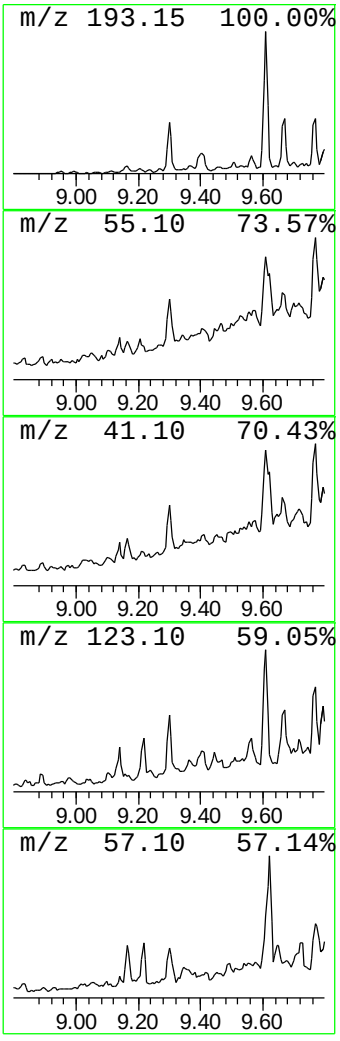
Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.56 ng	425149	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	2-Anthracenamine	193	C14H11N	000613-13-8	27
4	1,3-Azulenedicarbonitrile, 2-amino-	193	C12H7N3	003786-66-1	18
5	Spiro[5.6]dodecane-1,7-dione	194	C12H18O2	050803-80-0	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

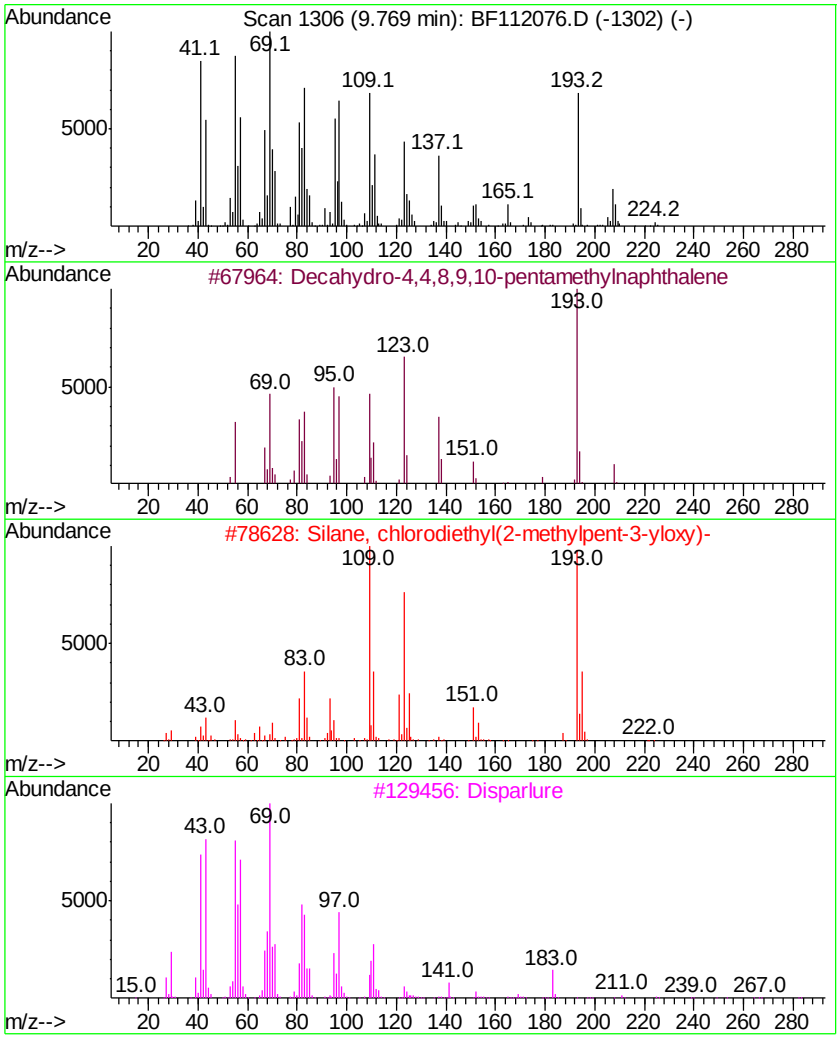
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

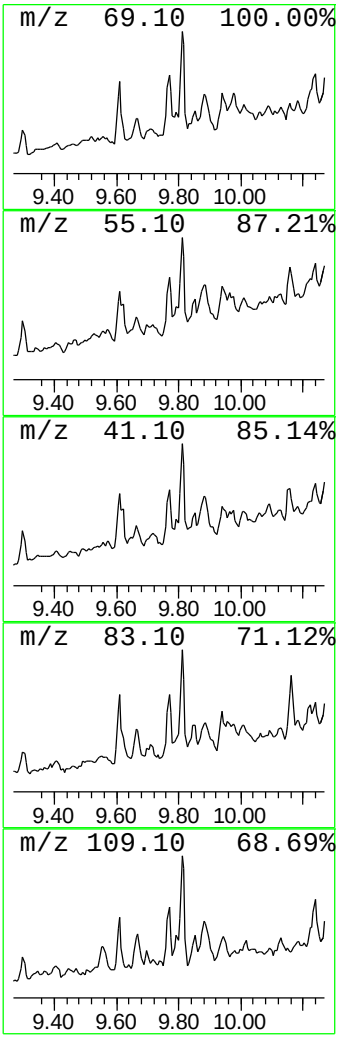
****

Peak Number 5 unknown9.77 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	4.52 ng	751536	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	70
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	41
3	Disparlure	282	C19H38O	029804-22-6	38
4	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	35





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Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

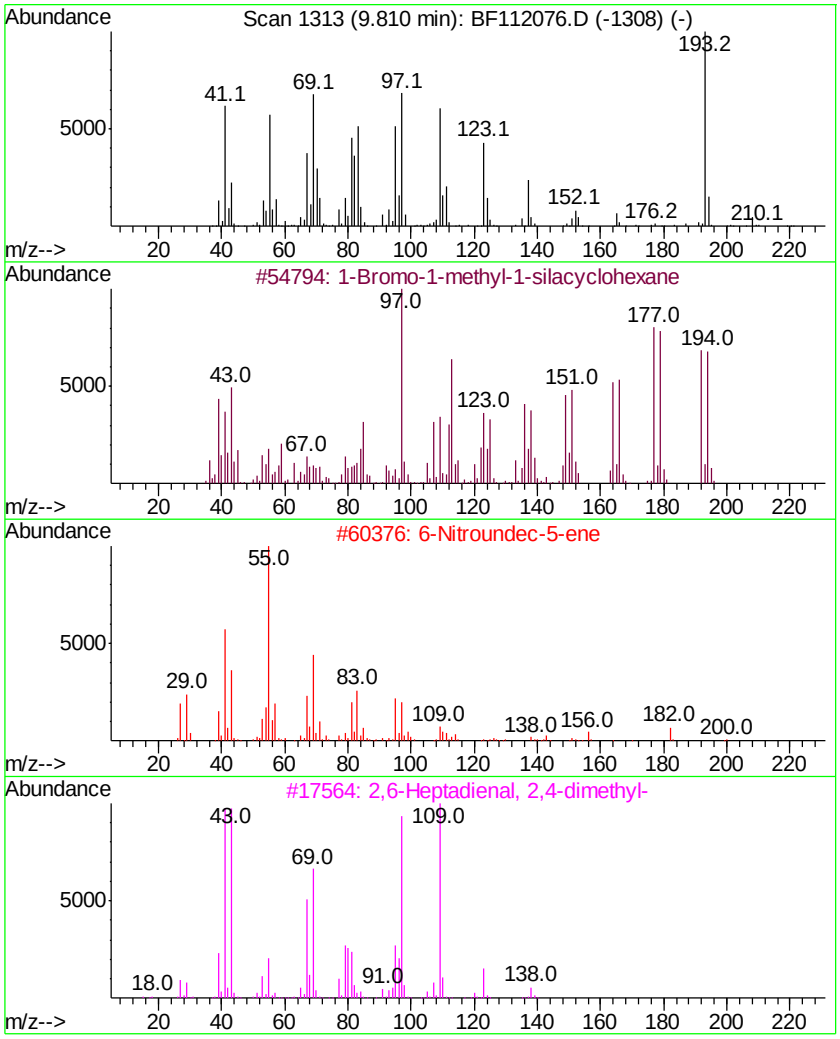
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

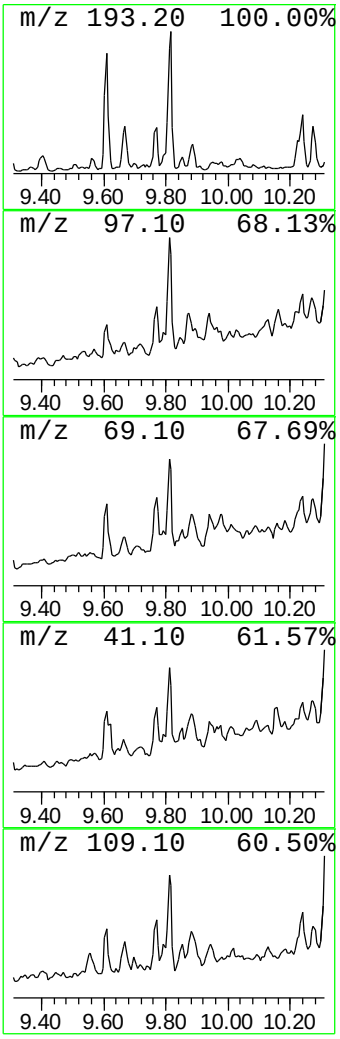
****

Peak Number 6 1-Bromo-1-methyl-1-silacycl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	7.46 ng	1239150	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	53
2	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	27
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
4	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	22
5	Iminostilbene	193	C14H11N	000256-96-2	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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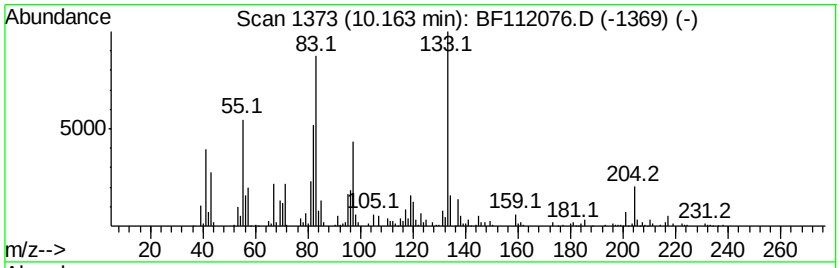
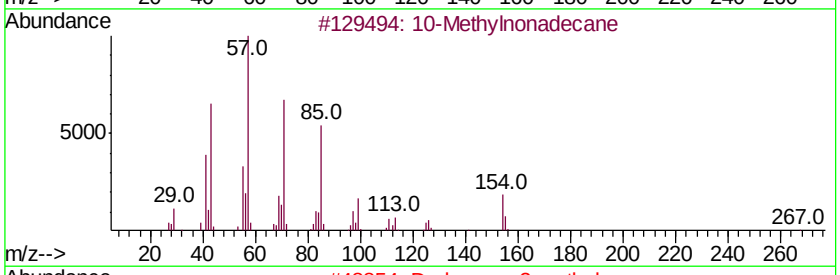
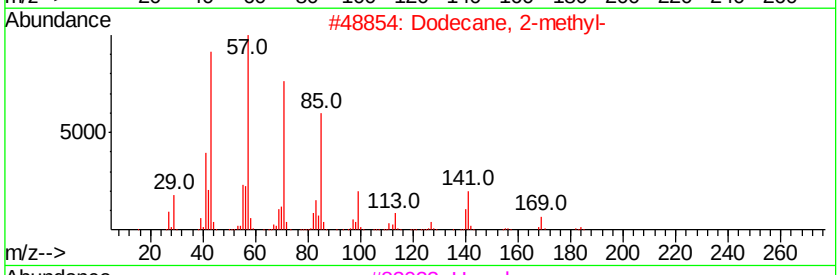
Peak Number 7 unknown10.16 Concentration Rank 15

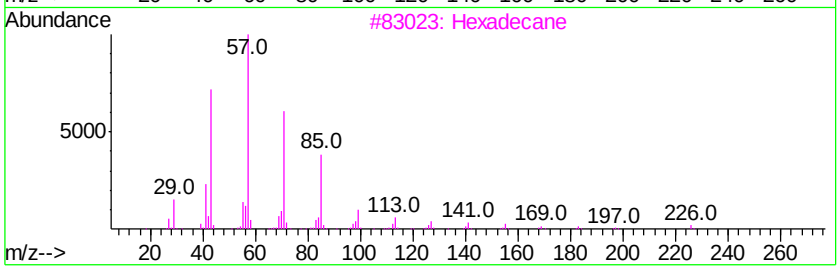
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.77 ng	460287	Acenaphthene-d10	9.90

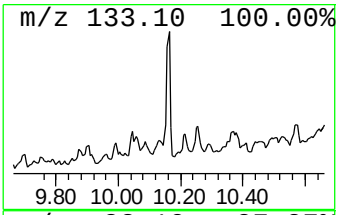
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	38
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
3	Hexadecane	226	C16H34	000544-76-3	35
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	27

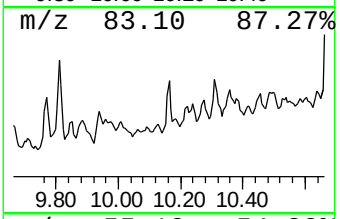


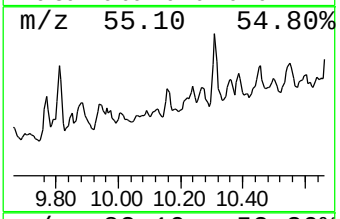


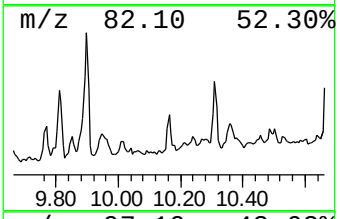


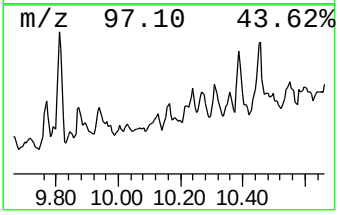












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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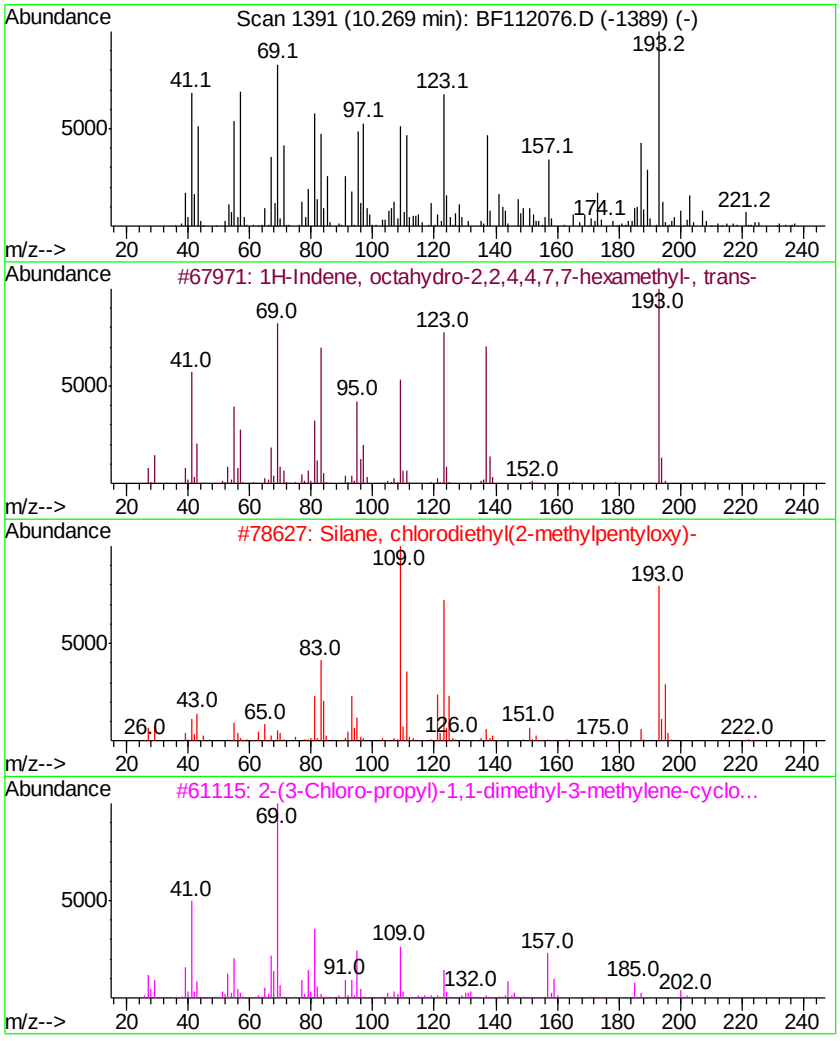
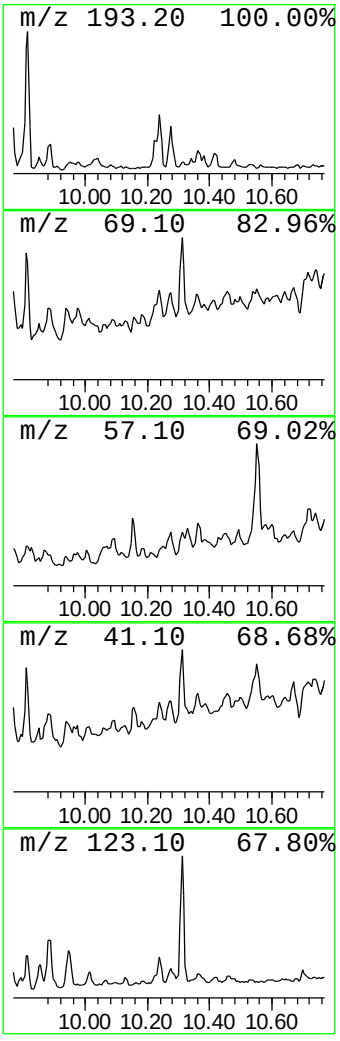
Peak Number 8 unknown10.27 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.19 ng	363243	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	30
3	2-(3-Chloro-propyl)-1,1-dimethyl...	200	C12H21Cl	1000191-45-6	30
4	Dodecane, 1,12-dibromo-	326	C12H24Br2	003344-70-5	22
5	Decane, 1,10-dibromo-	298	C10H20Br2	004101-68-2	14





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Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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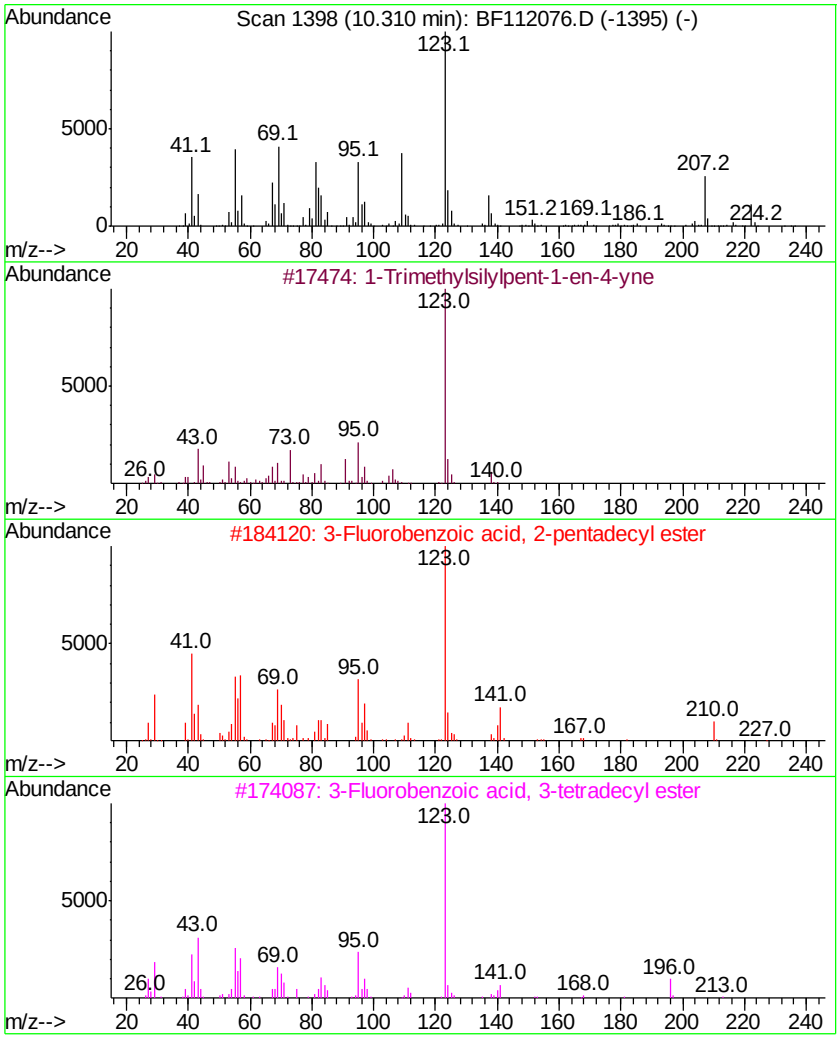
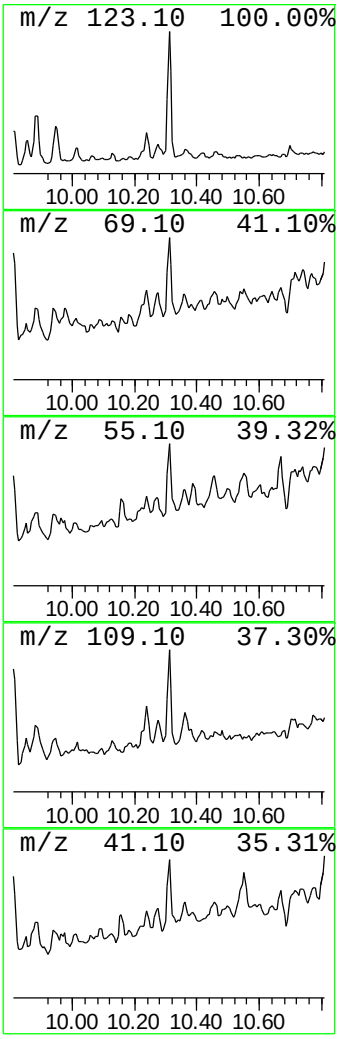
Peak Number 9 1-Trimethylsilylpent-1-en-4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	5.88 ng	976609	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	50
2	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	47
3	3-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-60-5	47
4	Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	47
5	3-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25FO2	1000279-01-9	47





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Sample : K1147-01
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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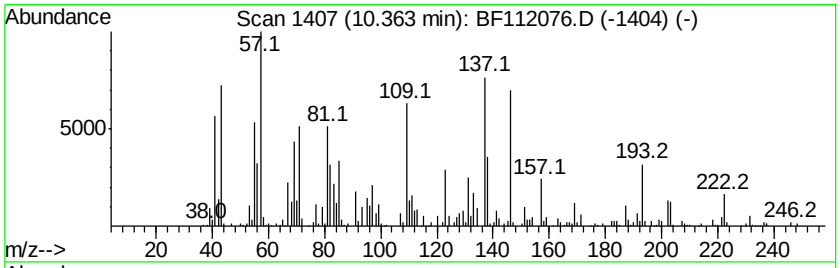
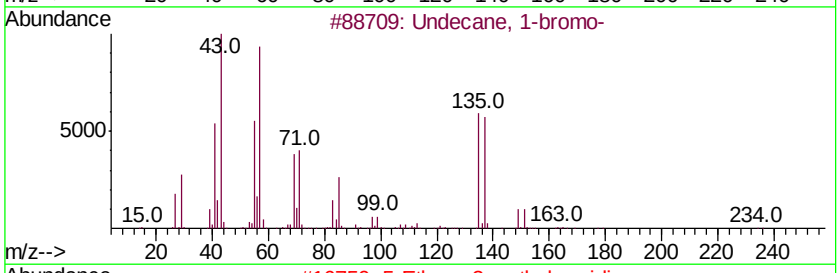
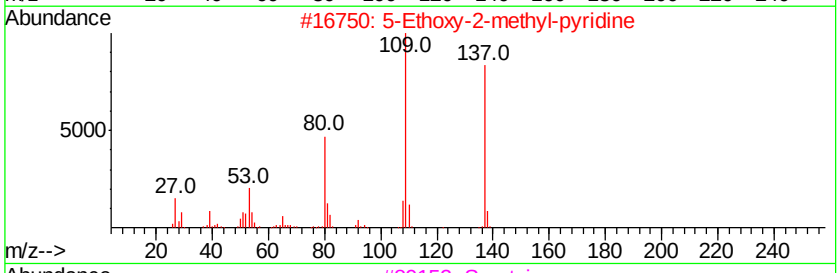
Peak Number 10 unknown10.36 Concentration Rank 16

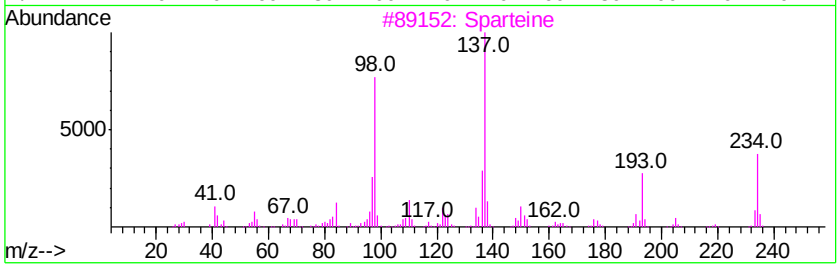
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	2.61 ng	433067	Acenaphthene-d10	9.90

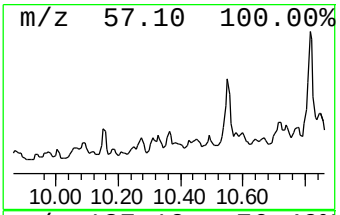
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 1-bromo-	234	C11H23Br	000693-67-4	47
2	5-Ethoxy-2-methyl-pyridine	137	C8H11NO	055270-48-9	27
3	Sparteine	234	C15H26N2	000090-39-1	27
4	Ethylbutoxychlorosilane	166	C6H15ClOSi	018171-08-9	25
5	Acetate, 4-(1,1-dimethylethyl)-1...	194	C12H18O2	1000196-67-8	22

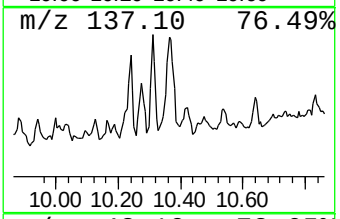


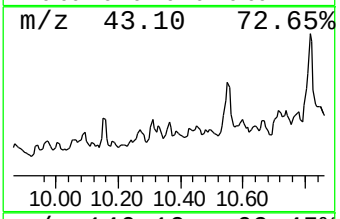


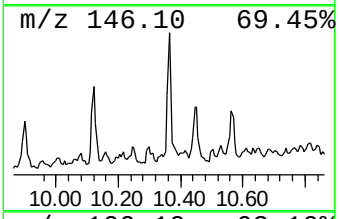


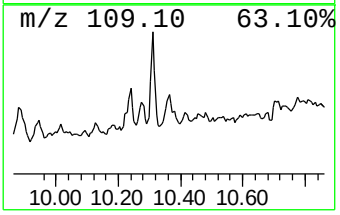












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Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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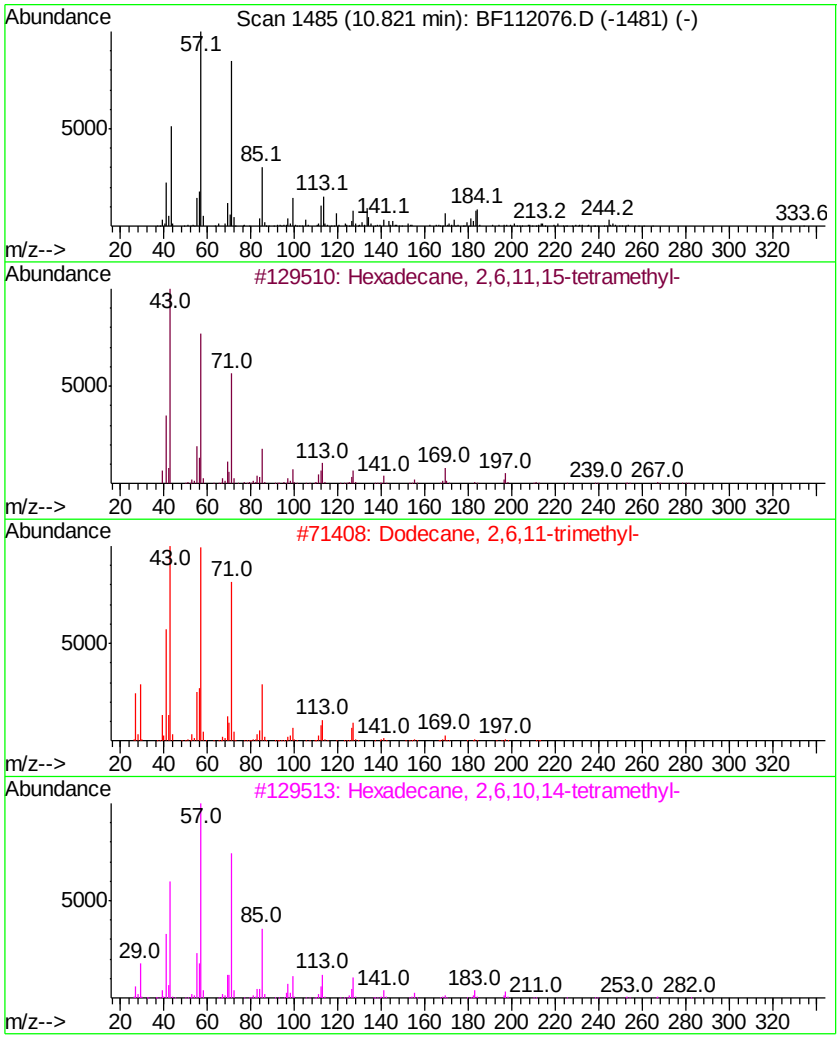
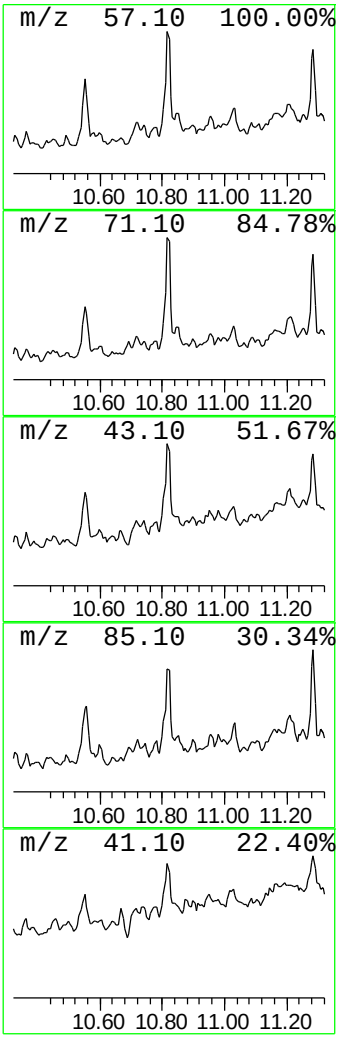
Peak Number 11 Hexadecane, 2,6,11,15-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	9.89 ng	1365920	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	58





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ClientSampleId : TP-1

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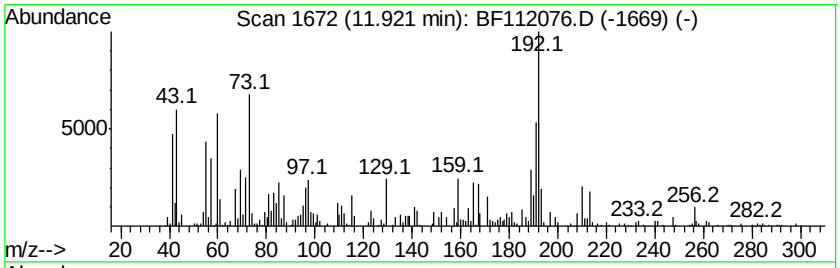
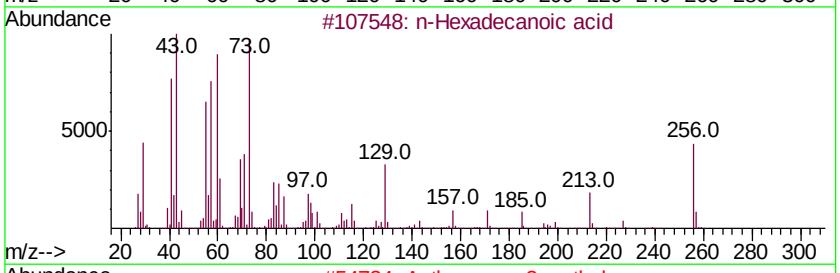
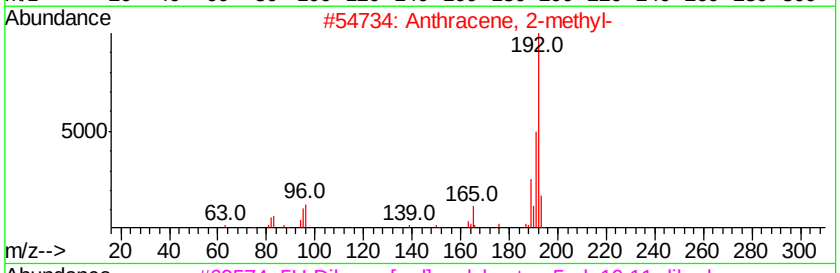
Peak Number 12 n-Hexadecanoic acid Concentration Rank 13

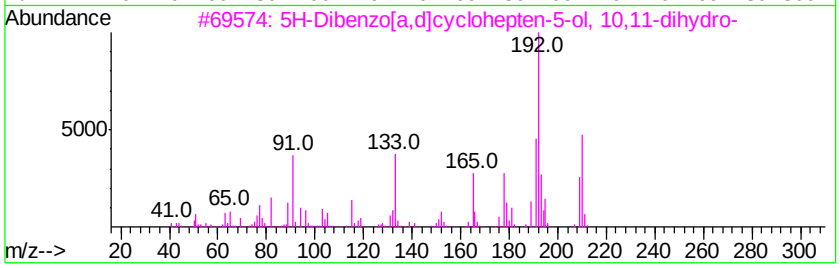
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.96 ng	546426	Phenanthrene-d10	11.39

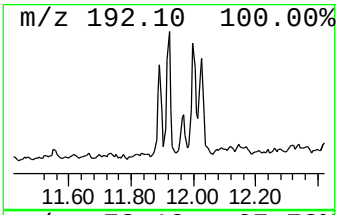
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
3	5H-Dibenzo[a,d]cyclohepten-5-ol,...	210	C15H14O	001210-34-0	38
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	35
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35

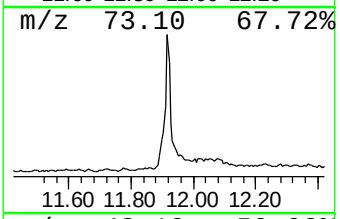


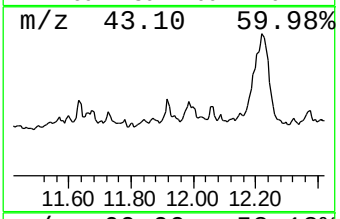


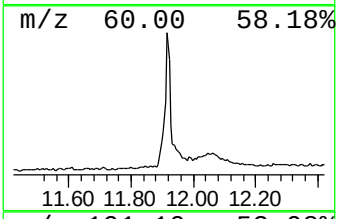


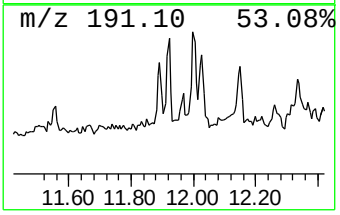












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Instrument : BNA_F
ClientSampleId : TP-1

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

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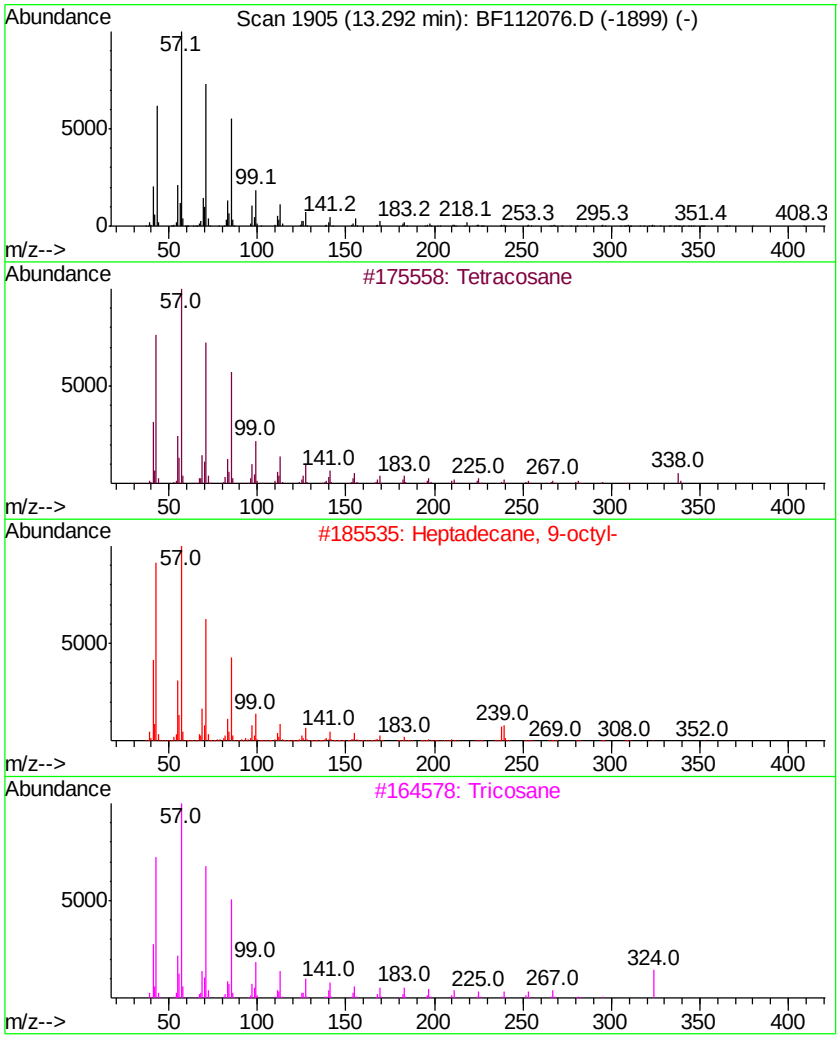
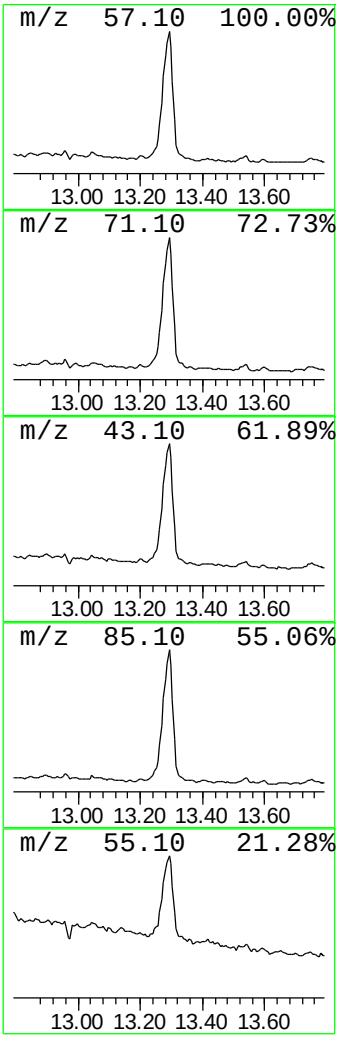
Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	12.89 ng	7025540	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
3	Tricosane	324	C23H48	000638-67-5	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





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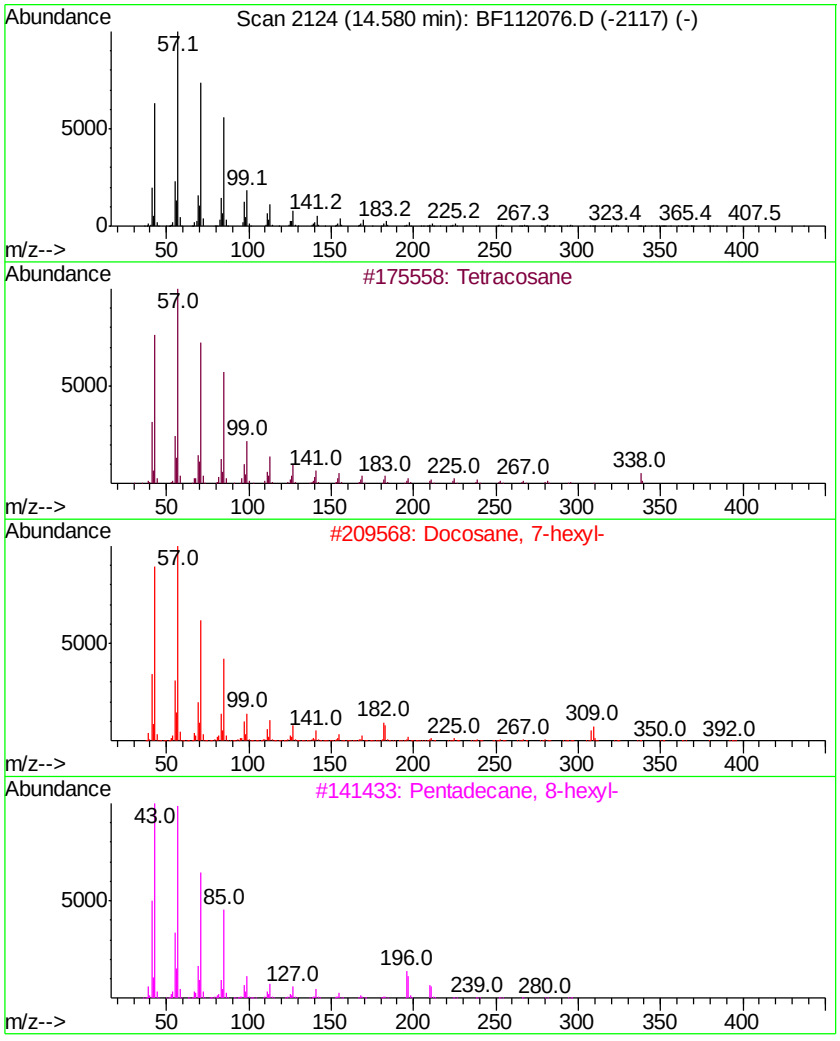
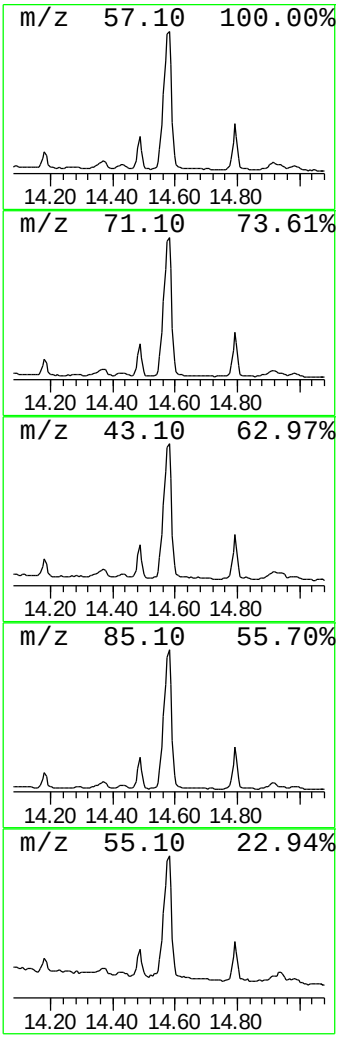
Peak Number 14 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	15.24 ng	8304850	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





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TIC Integration Parameters: LSCINT.P

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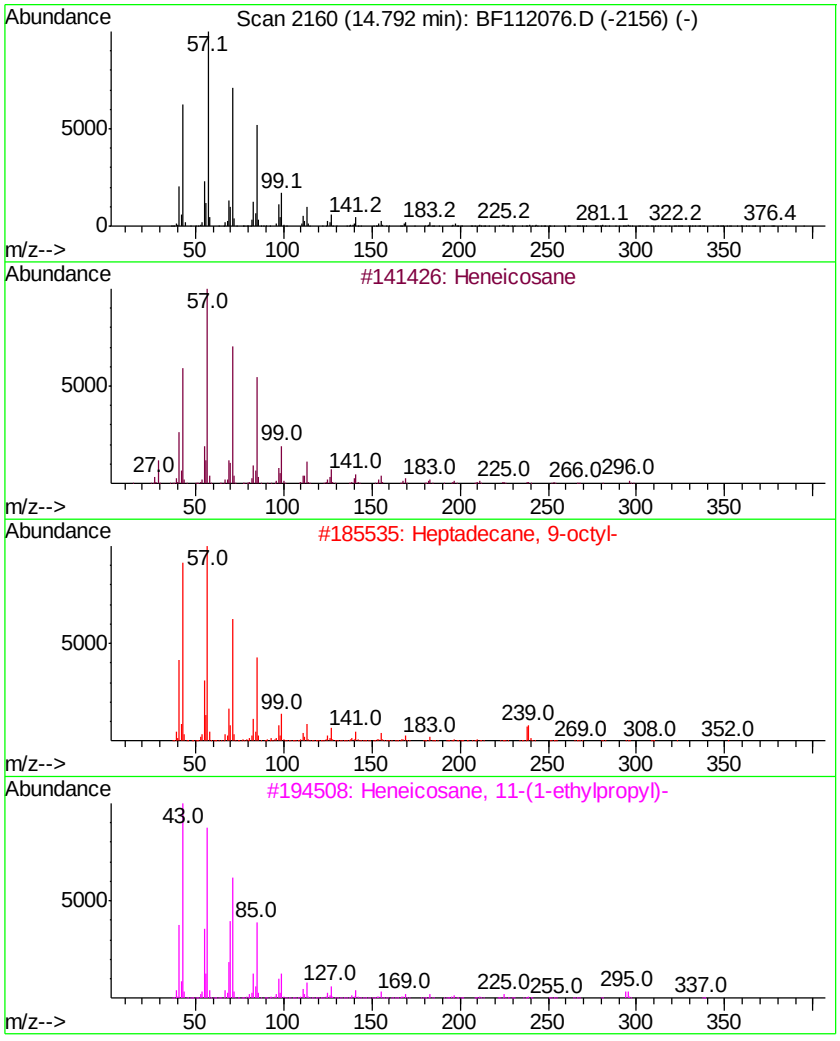
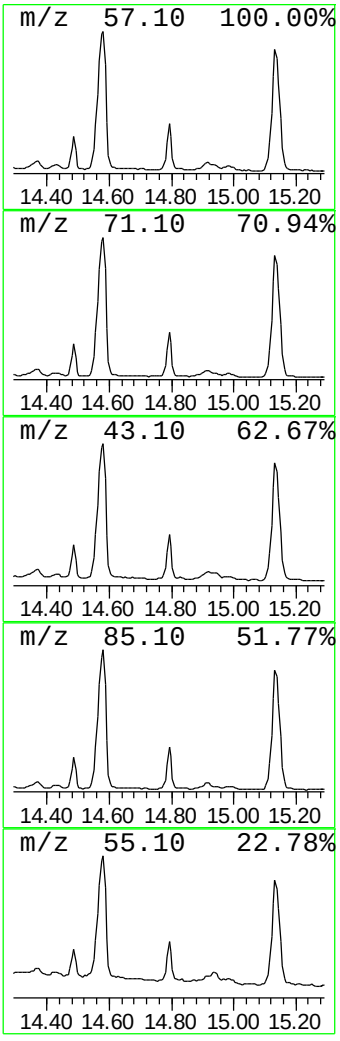
Peak Number 15 Heneicosane, 11-(1-ethylpro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	7.09 ng	1395540	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Heptacosane	380	C27H56	000593-49-7	83





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Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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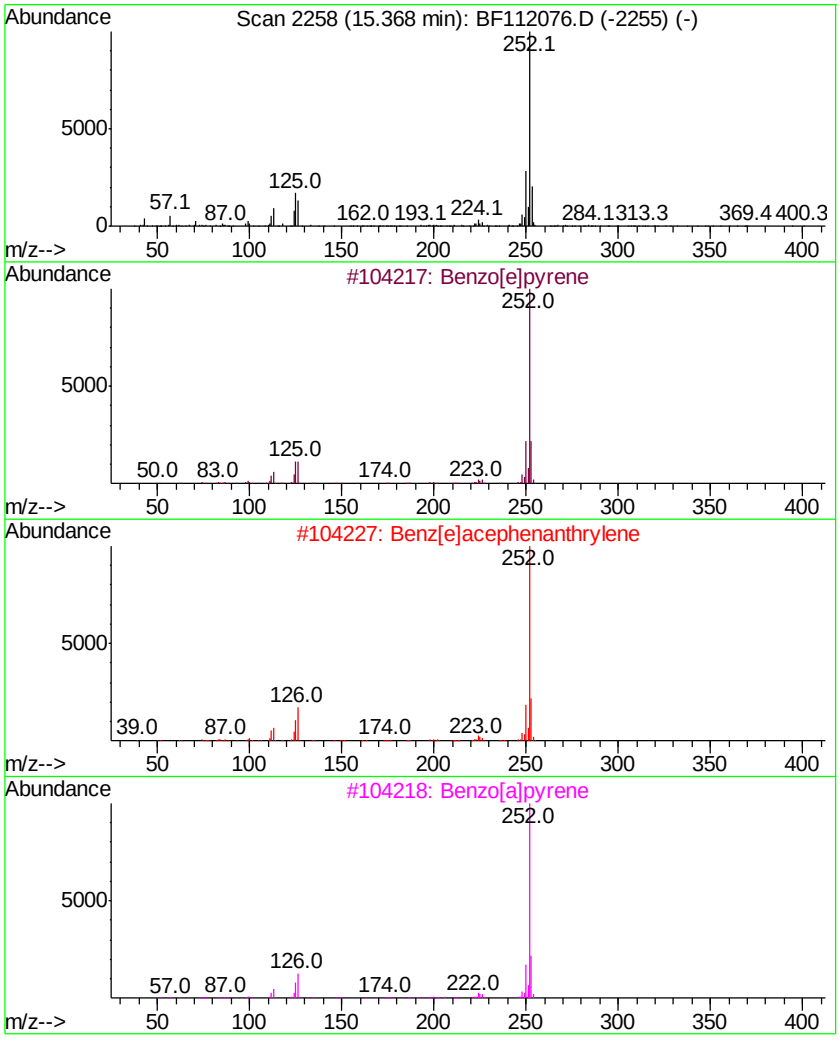
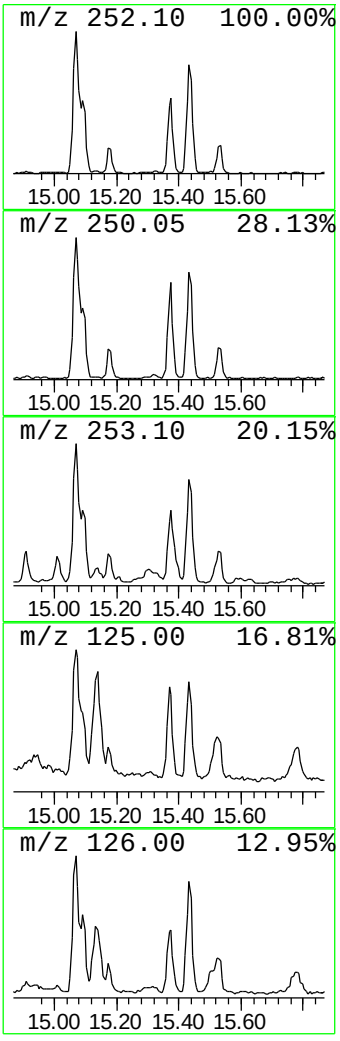
Peak Number 16 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.55 ng	502715	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Perylene	252	C20H12	000198-55-0	97
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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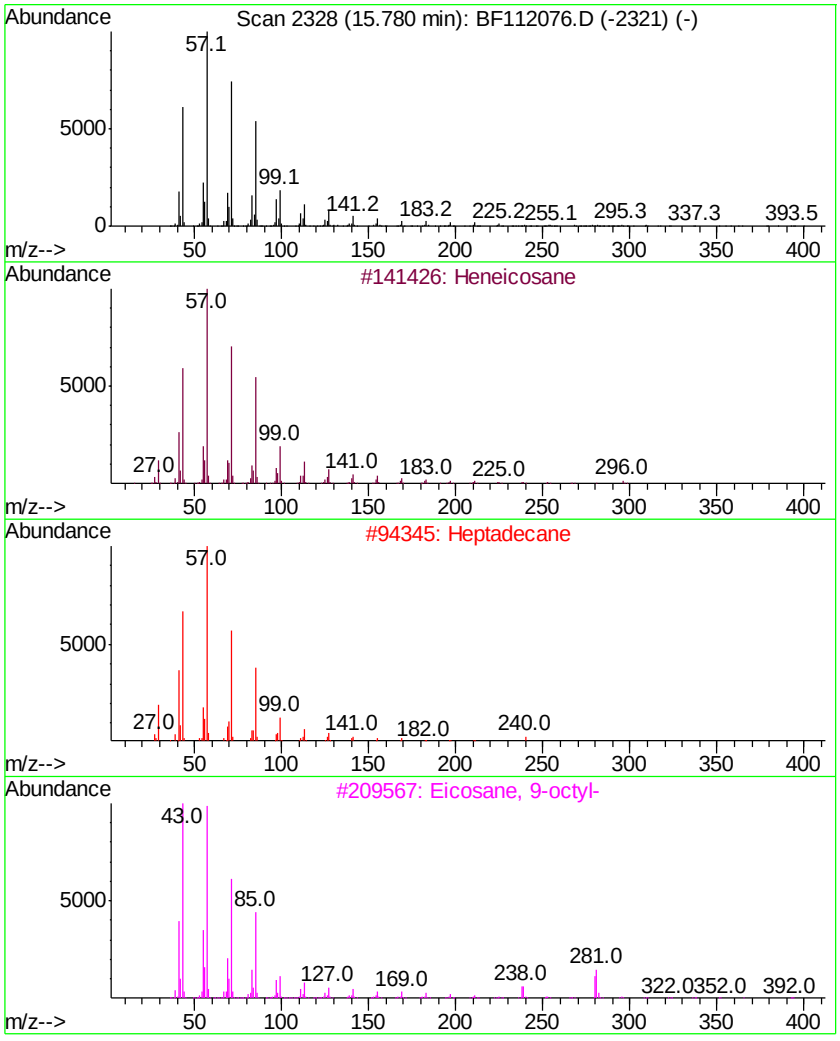
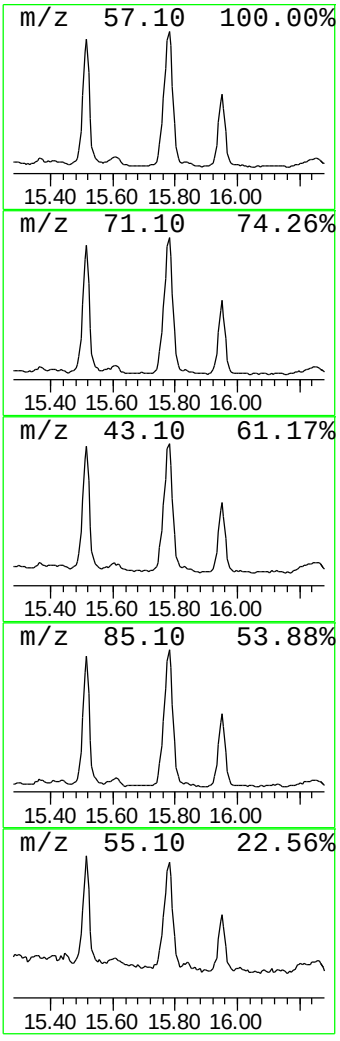
Peak Number 17 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	13.41 ng	2638640	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane	240	C17H36	000629-78-7	94
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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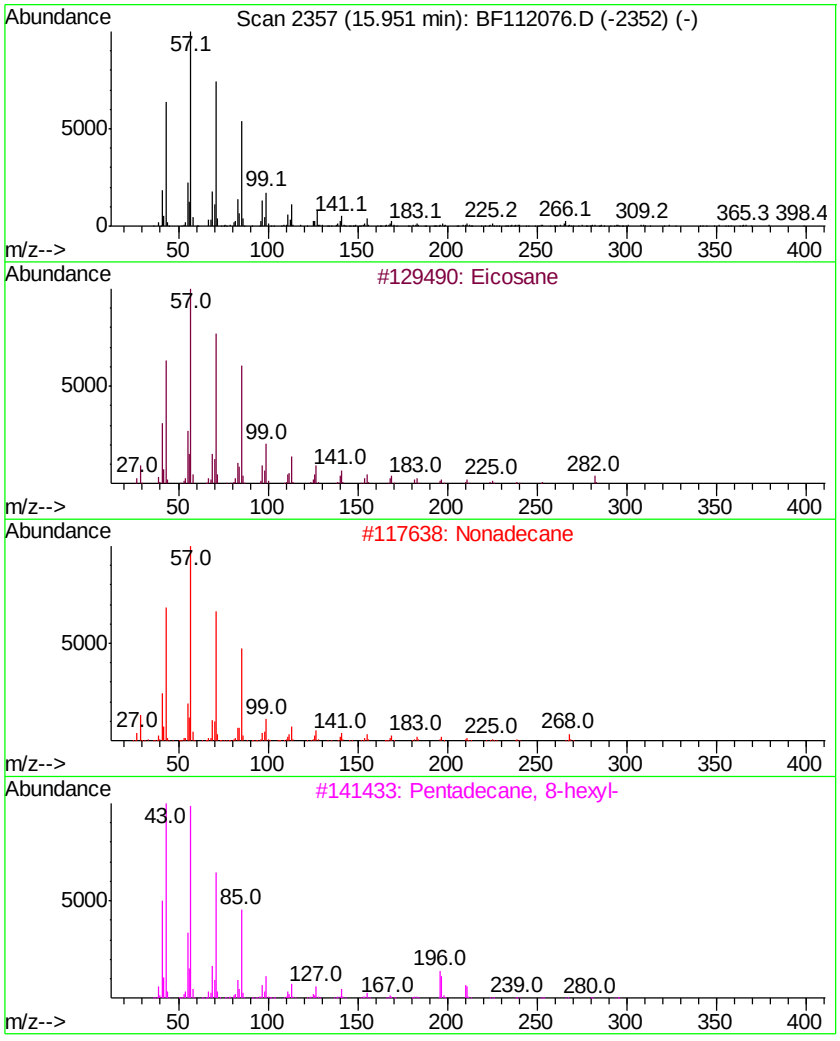
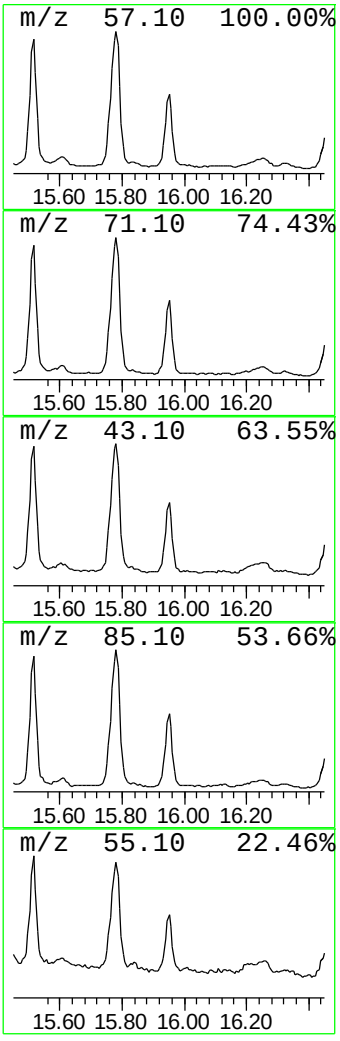
Peak Number 18 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	5.07 ng	998529	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane	268	C19H40	000629-92-5	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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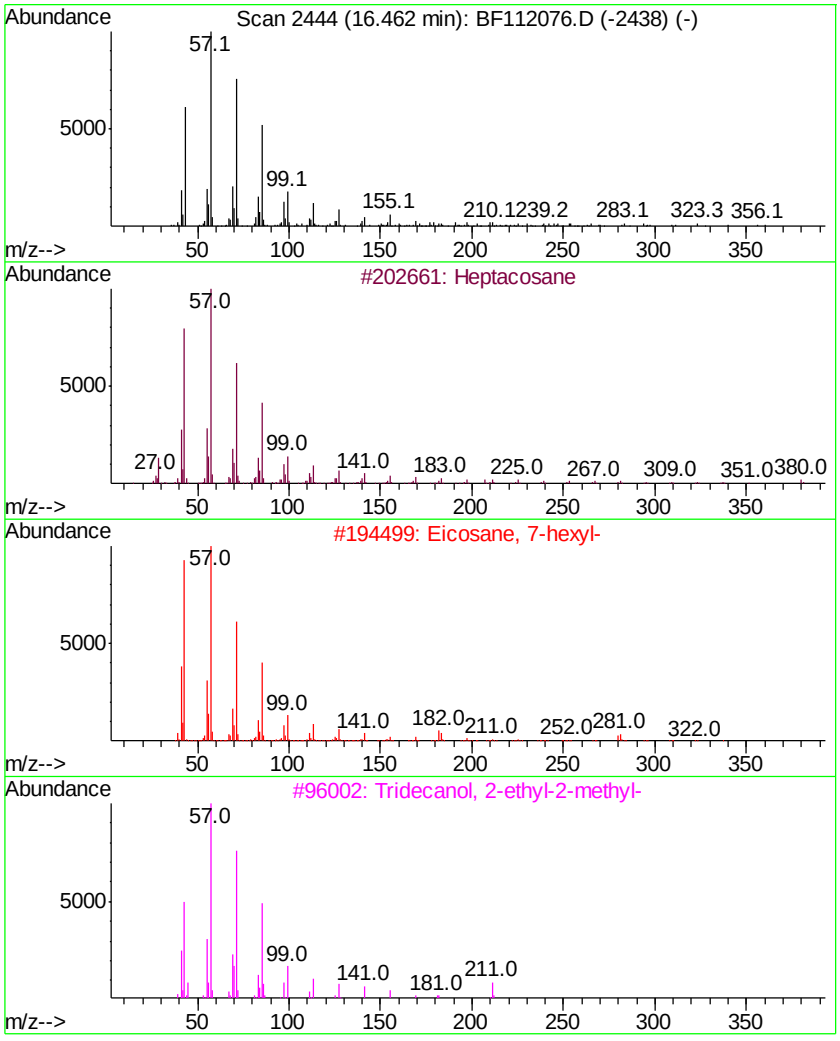
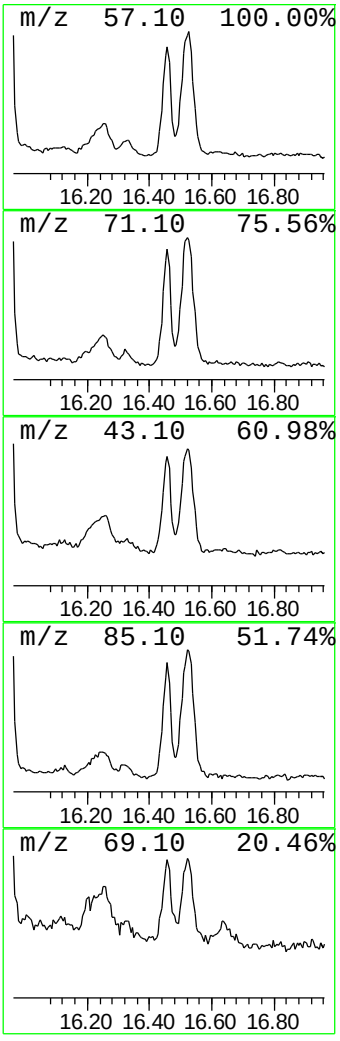
Peak Number 19 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.33 ng	458846	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octacosane	394	C28H58	000630-02-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
Data File : BF112076.D
Acq On : 17 Jan 2019 9:05
Operator : JU/SJ
Sample : K1147-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	3.6	ng	334263	1	6.86	1829250	20.0
unknown6.64	6.64	63.2	ng	5783350	1	6.86	1829250	20.0
Decahydro-4,4,8,9...	9.30	2.6	ng	425149	3	9.90	3322250	20.0
unknown9.77	9.77	4.5	ng	751536	3	9.90	3322250	20.0
1-Bromo-1-methyl-...	9.81	7.5	ng	1239150	3	9.90	3322250	20.0
unknown10.16	10.16	2.8	ng	460287	3	9.90	3322250	20.0
unknown10.27	10.27	2.2	ng	363243	3	9.90	3322250	20.0
1-Trimethylsilylp...	10.31	5.9	ng	976609	3	9.90	3322250	20.0
unknown10.36	10.36	2.6	ng	433067	3	9.90	3322250	20.0
Hexadecane, 2,6,1...	10.82	9.9	ng	1365920	4	11.39	2762960	20.0
n-Hexadecanoic acid	11.92	4.0	ng	546426	4	11.39	2762960	20.0
Heptadecane, 9-oc...	13.29	12.9	ng	7025540	5	14.03	10901600	20.0
Tetracosane	14.58	15.2	ng	8304850	5	14.03	10901600	20.0
Heneicosane, 11-(...	14.79	7.1	ng	1395540	6	15.50	3936630	20.0
Benzo[e]pyrene	15.37	2.5	ng	502715	6	15.50	3936630	20.0
Heneicosane	15.78	13.4	ng	2638640	6	15.50	3936630	20.0
Eicosane	15.95	5.1	ng	998529	6	15.50	3936630	20.0
Heptacosane	16.46	2.3	ng	458846	6	15.50	3936630	20.0