LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	2.146	6	10	18	rVB	136442	194682	2.68%	0.267%
2	5.081	505	509	516	rVB	283893	358469	4.94%	0.492%
3	5.498	575	580	592	rVB	5489439	5105876	70.34%	7.002%
4	6.504	746	751	762	rBV	5367473	5621067	77.44%	7.708%
5	6.634	769	773	777	rBV	5716446	5738824	79.06%	7.870%
6	6.687	779	782	788	rVB2	79770	92942	1.28%	0.127%
7	6.857	808	811	818	rBV	1831287	1599701	22.04%	2.194%
8	7.016	834	838	842	rBV	5326228	4622035	63.68%	6.338%
9	7.422	901	907	910	rBV	3580865	3533171	48.68%	4.845%
10	8.139	1024	1029	1033	rBV	2331184	2161118	29.77%	2.964%
11	9.022	1176	1179	1183	rBV5	68331	120433	1.66%	0.165%
12	9.139	1196	1199	1201	rBV2	150763	123128	1.70%	0.169%
13	9.163	1201	1203	1207	rBV2	151189	130649	1.80%	0.179%
14	9.216	1207	1212	1216	rBV	7508346	7258514	100.00%	9.954%
15	9.298	1223	1226	1230	rBV3	386456	440006	6.06%	0.603%
16	9.610	1275	1279	1283	rBV	2305698	2279116	31.40%	3.125%
17	9.669	1286	1289	1292	rVB2	272761	317998	4.38%	0.436%
18	9.716	1292	1297	1300	rBV5	172412	350264	4.83%	0.480%
19	9.769	1302	1306	1308	rBV3	784533	851260	11.73%	1.167%
20	9.810	1308	1313	1316	rVB	1331229	1381423	19.03%	1.894%
21	9.851	1317	1320	1322	rBV3	289618	309900	4.27%	0.425%
22	9.898	1322	1328	1332	rBV	2910951	3111484	42.87%	4.267%
23	9.939	1332	1335	1338	rBV4	357355	502563	6.92%	0.689%
24	10.157	1369	1372	1375	rBV2	543296	579625	7.99%	0.795%
25	10.216	1380	1382	1384	rVV3	339563	375168	5.17%	0.514%
26	10.239	1384	1386	1388	rVV2	442858	379651	5.23%	0.521%
27	10.269	1389	1391	1394	rVV3	454957	493252	6.80%	0.676%
28	10.310	1395	1398	1402	rVB2	1235041	1186203	16.34%	1.627%
29	10.692	1459	1463	1466	rBV	3855267	3424705	47.18%	4.696%
30	10.816	1481	1484	1487	rBV2	1079116	1163764	16.03%	1.596%
31	11.386	1578	1581	1591	rBV	2417359	3069241	42.28%	4.209%
32	12.974	1847	1851	1854	rBV	6050555	5821791	80.21%	7.983%
33	13.863	1999	2002	2009	rVB3	624524	893868	12.31%	1.226%
34	14.027	2026	2030	2033	rBV	2273648	2122618	29.24%	2.911%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	14.180	2054	2056	2060	rVB	323427	262078	3.61%	0.359%
36	14.486	2105	2108	2114	rVB2	494565	579751	7.99%	0.795%
37	14.792	2157	2160	2165	rVB	508624	496030	6.83%	0.680%
38	15.068	2203	2207	2214	rVB	390324	681589	9.39%	0.935%
39	15.133	2214	2218	2222	rBV	606085	678209	9.34%	0.930%
40	15.368	2255	2258	2265	rVB	250889	330689	4.56%	0.453%
41	15.433	2266	2269	2275	rVB	218776	313513	4.32%	0.430%
42	15.498	2275	2280	2292	rVB2	1602262	2653158	36.55%	3.638%
43	15.951	2352	2357	2362	rVB	402287	585845	8.07%	0.803%
44	16.457	2439	2443	2449	rVB	209826	347605	4.79%	0.477%
45	16.974	2526	2531	2540	rVB2	129163	279886	3.86%	0.384%

Sum of corrected areas: 72922862

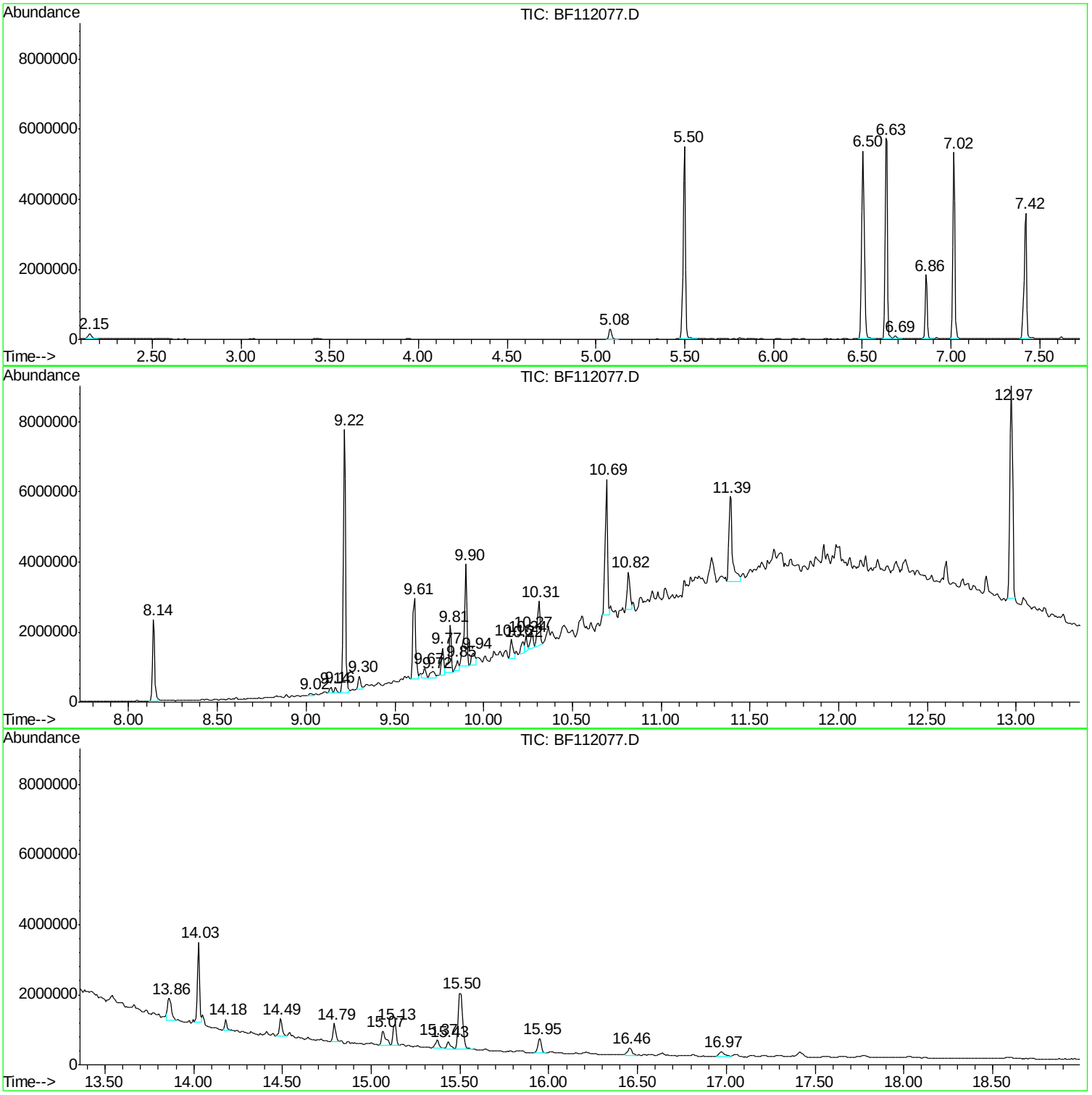
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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 : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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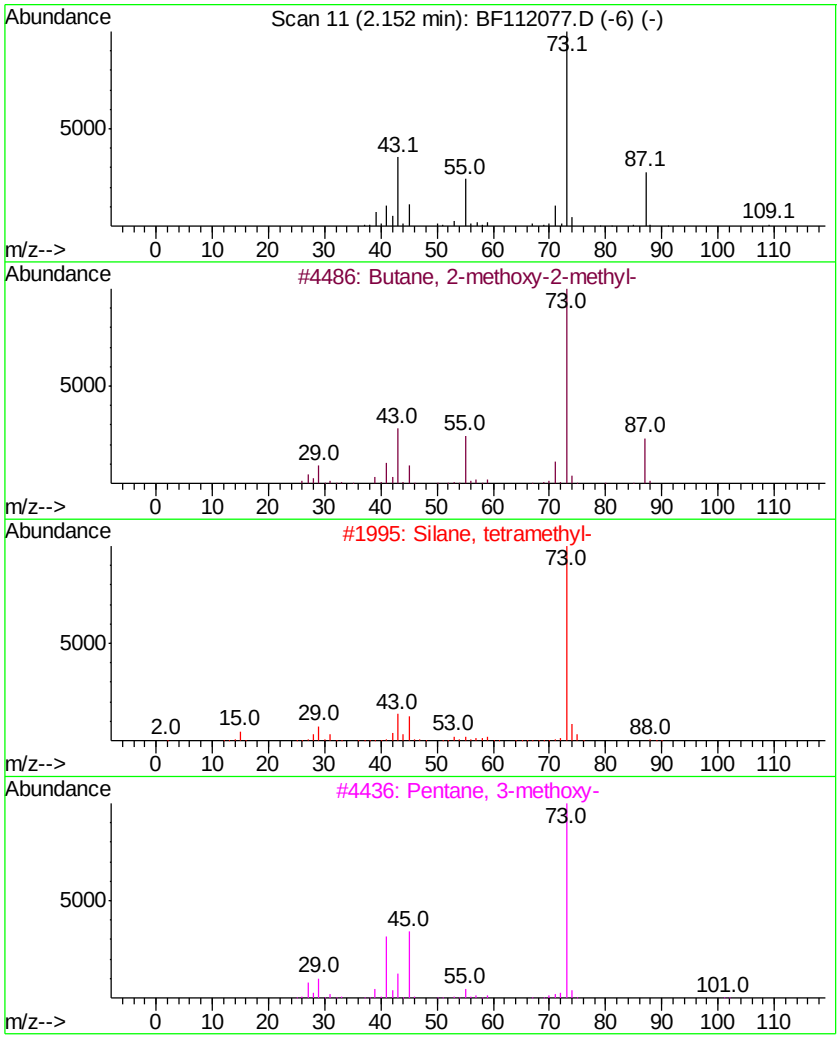
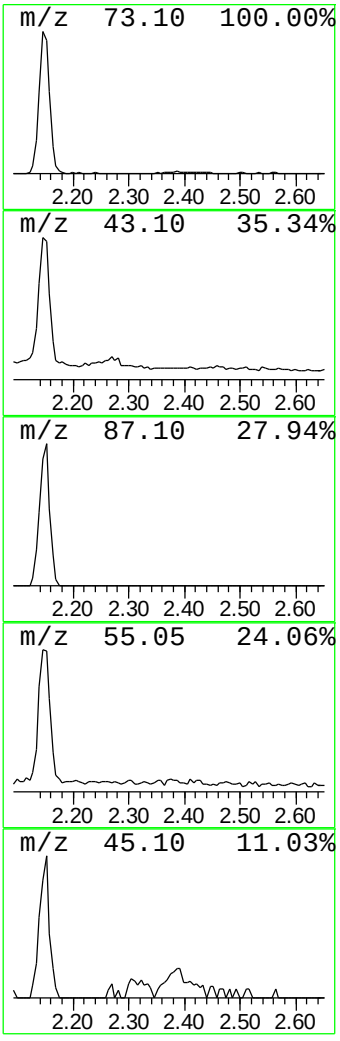
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	2.43 ng	194682	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

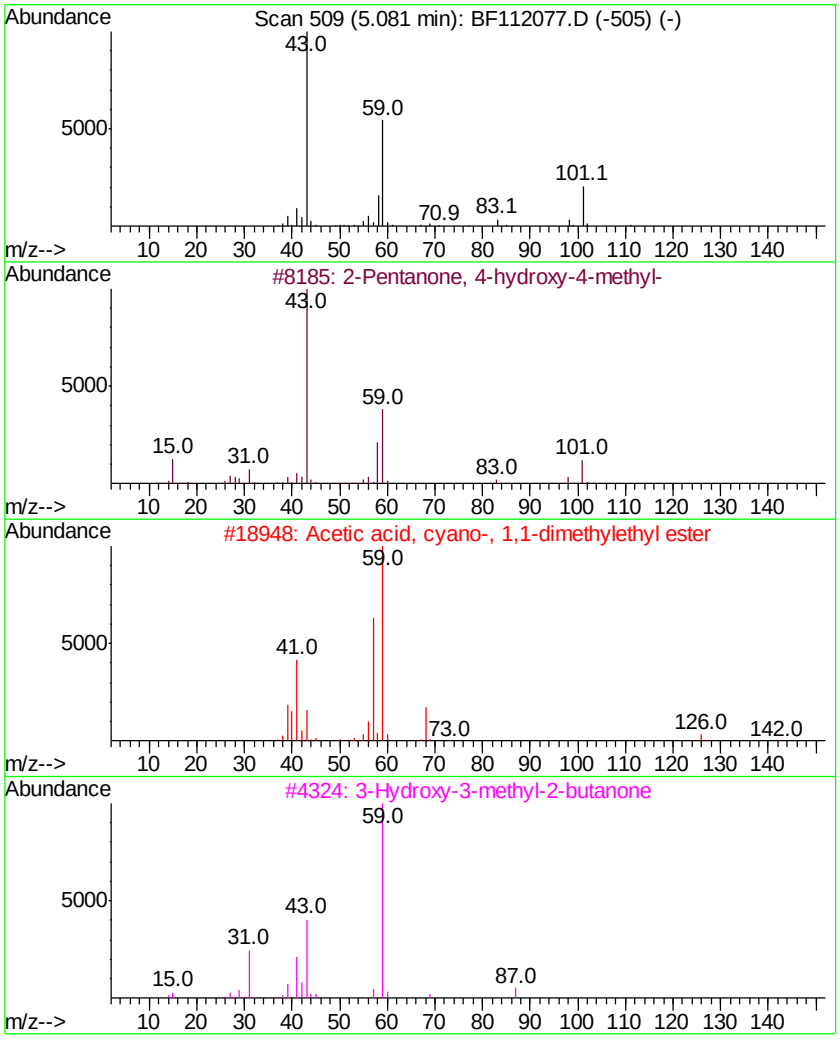
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

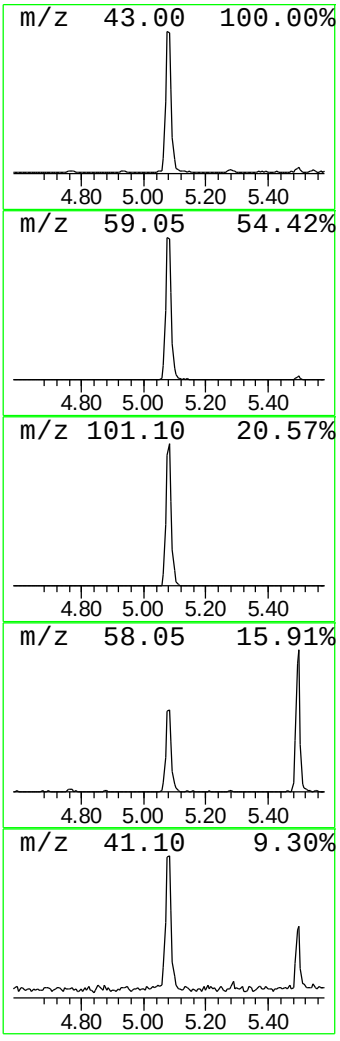
****

Peak Number 2 unknown5.08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	4.48 ng	358469	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	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

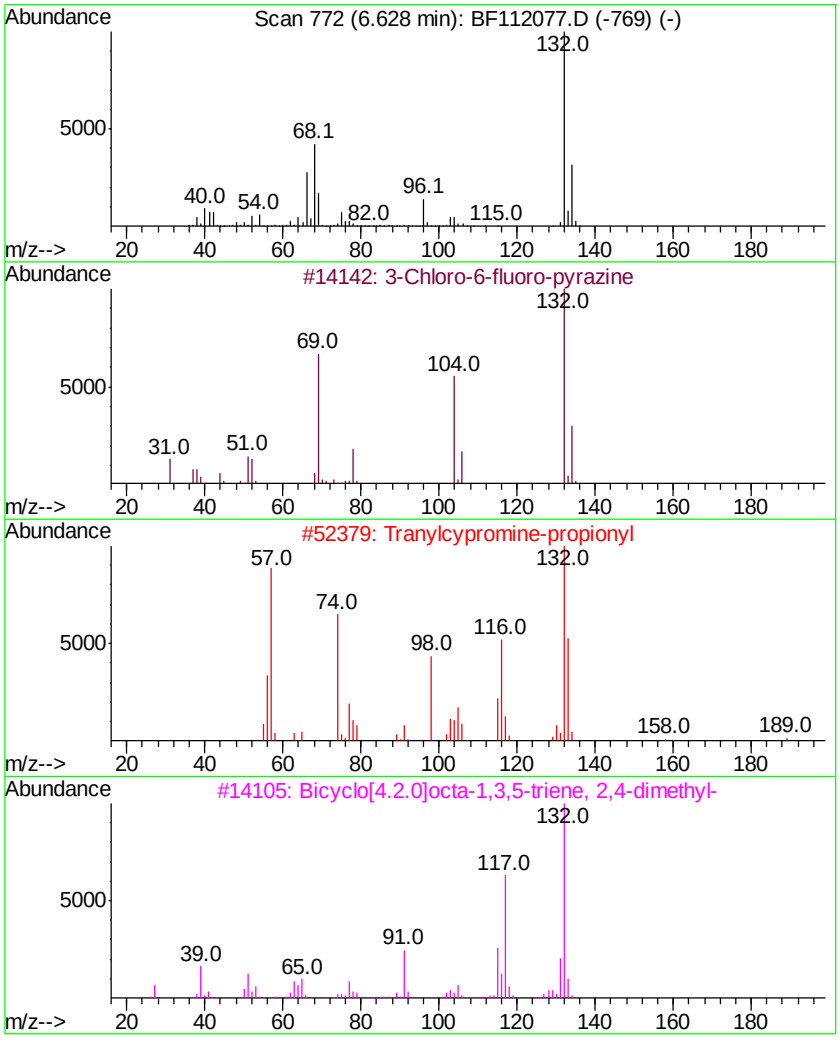
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

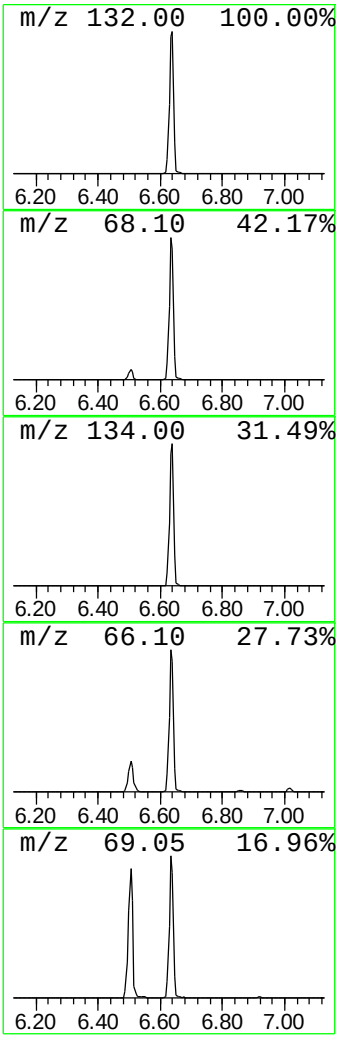
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	71.75 ng	5738820	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	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\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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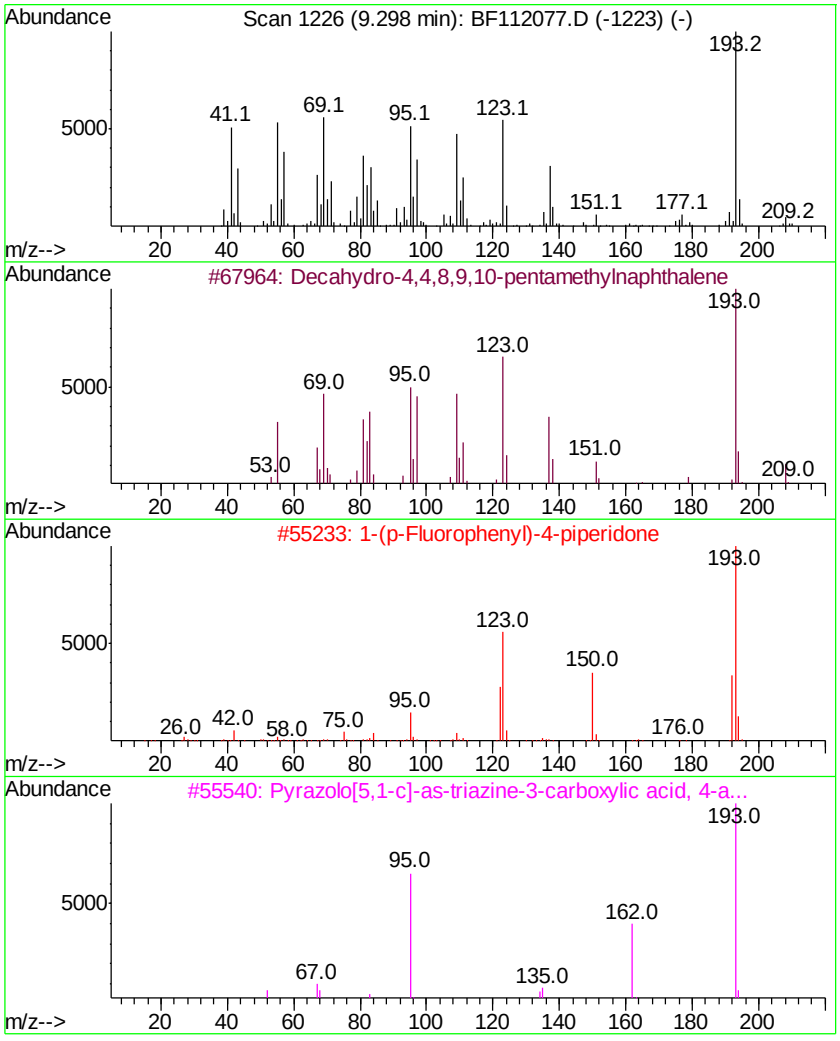
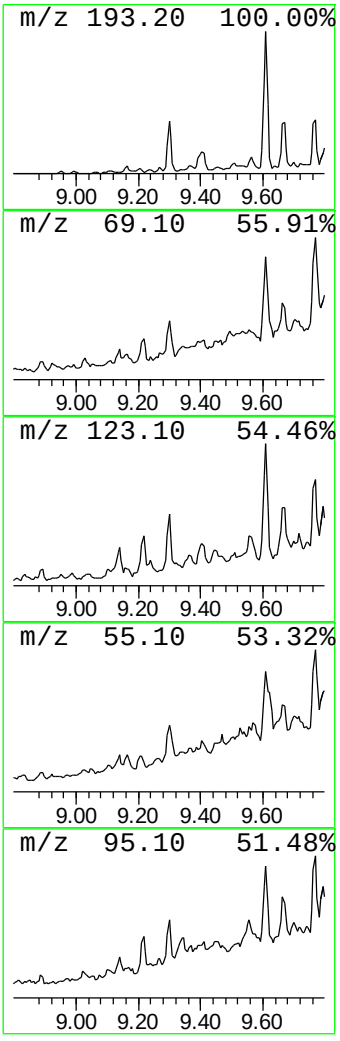
Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.83 ng	440006	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	83
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	38
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	25
5	2-Amino-4-benzylthiomethyl-6-pip...	315	C16H21N5S	022362-19-2	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

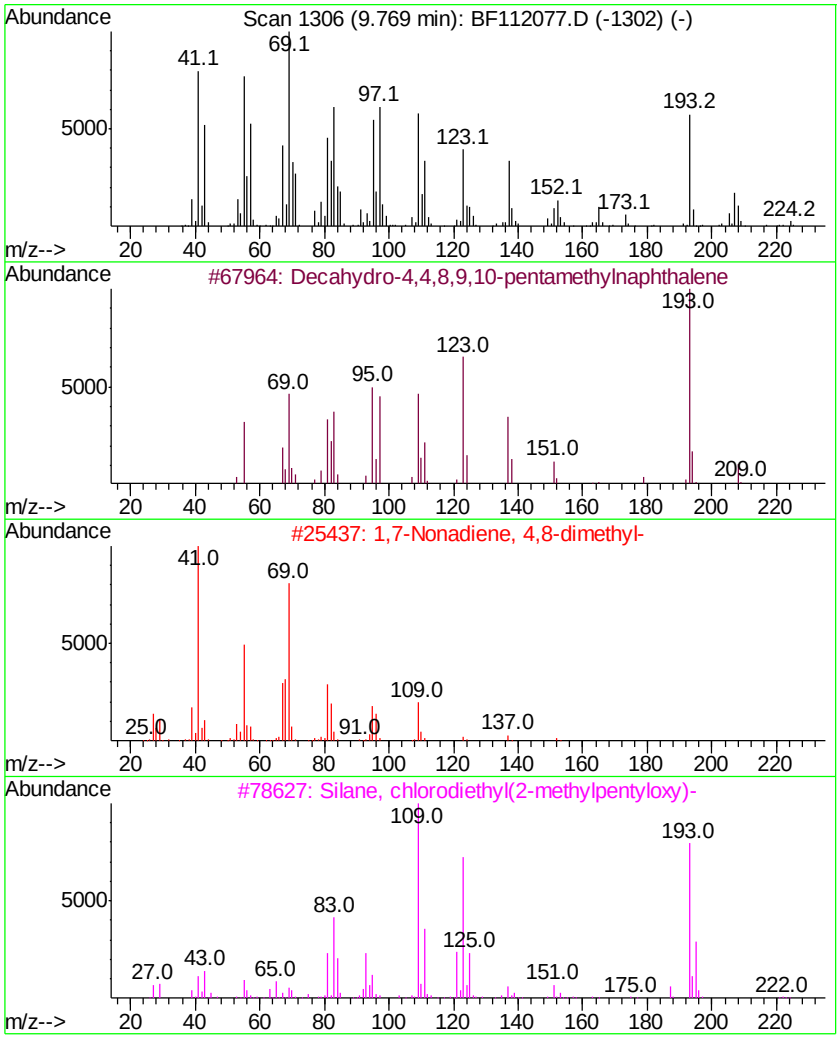
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

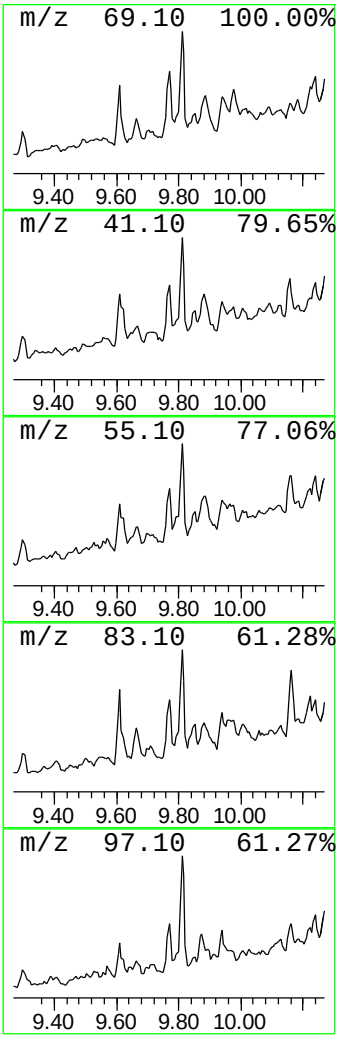
****

Peak Number 6 unknown9.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.47 ng	851260	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	78
2	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	43
3	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	41
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	30
5	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1000195-30-1	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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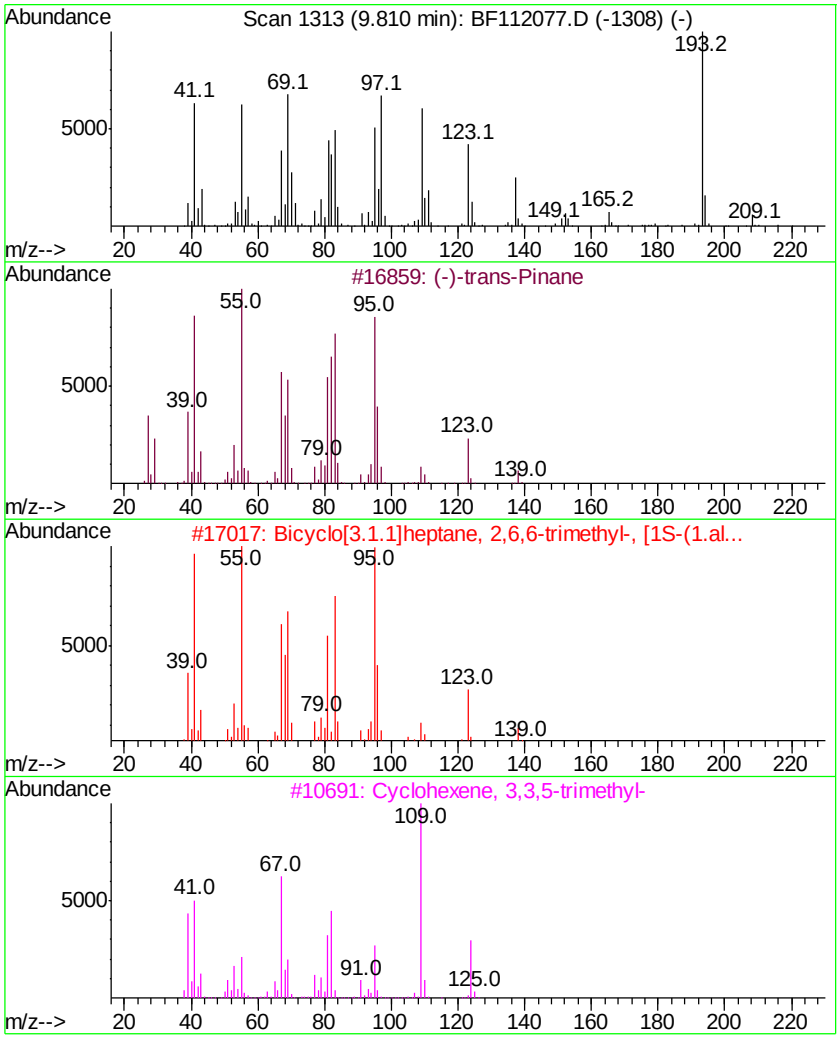
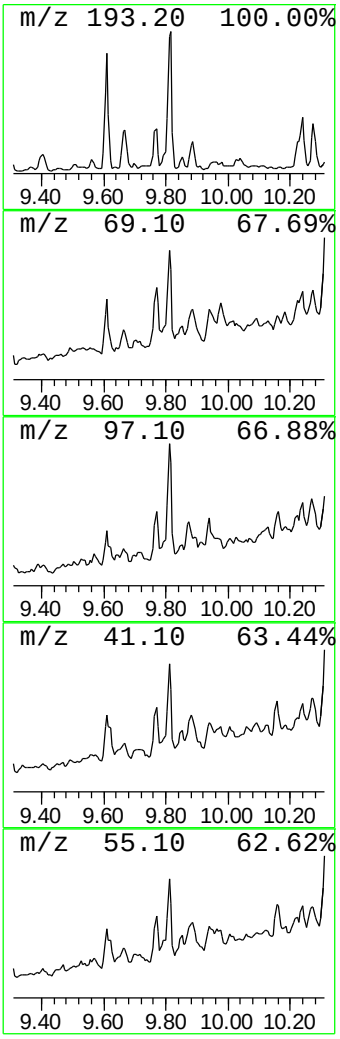
Peak Number 7 unknown9.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	8.88 ng	1381420	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-trans-Pinane	138	C10H18	033626-25-4	38
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	30
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	25
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	22
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

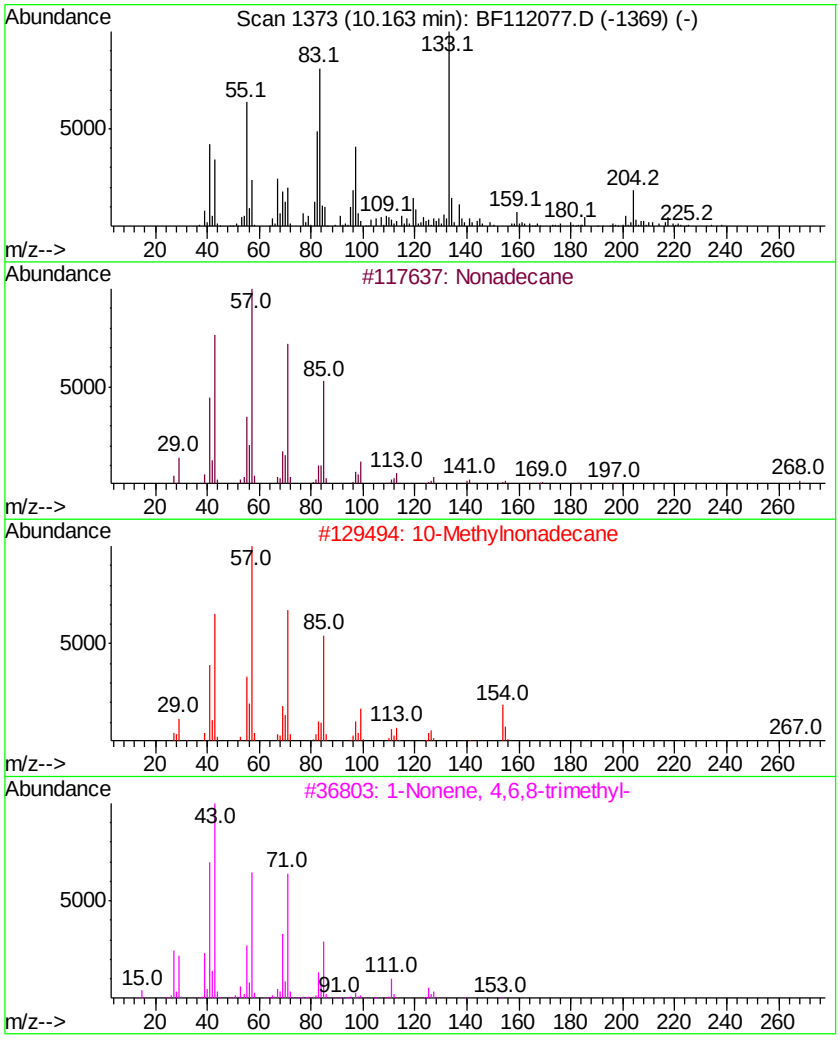
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

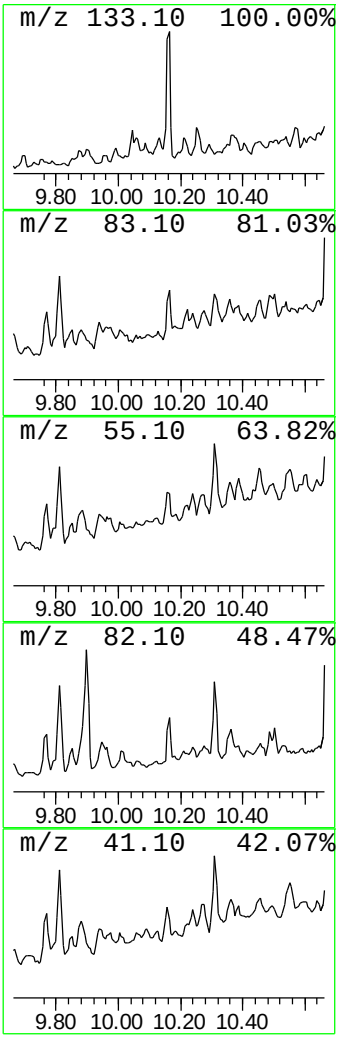
****

Peak Number 8 unknown10.16 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.73 ng	579625	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	38
2	10-Methylnonadecane	282	C20H42	056862-62-5	38
3	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	35
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	30
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

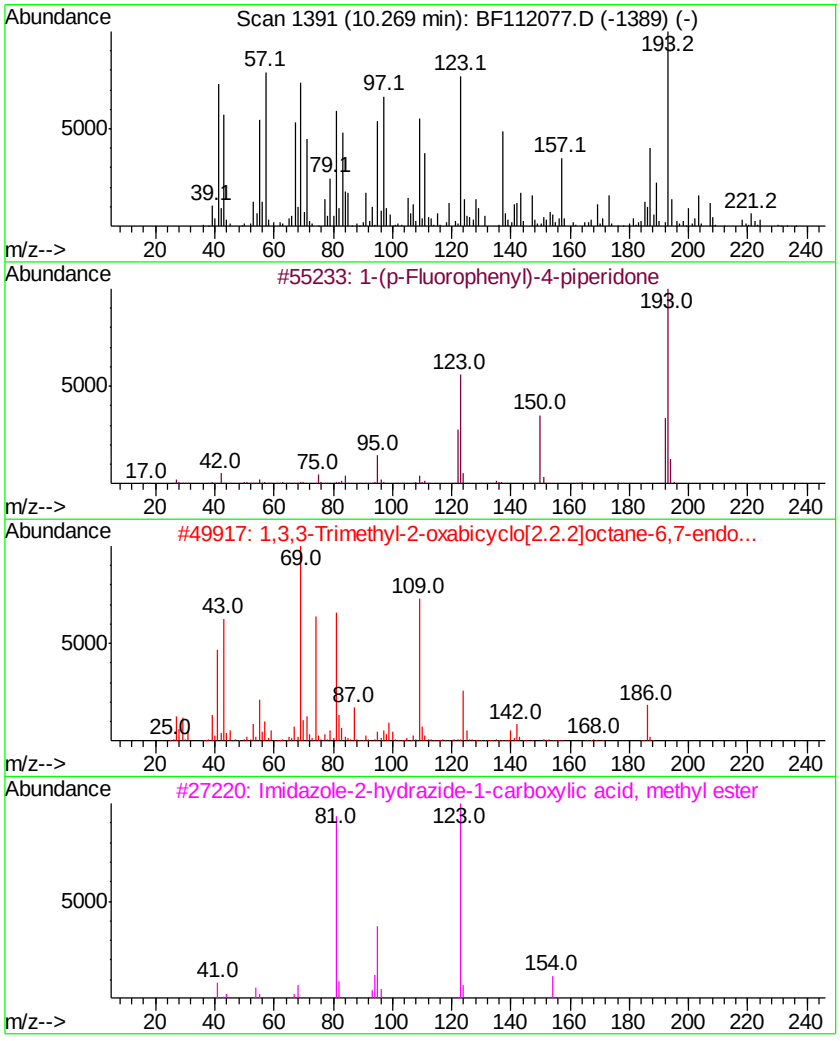
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

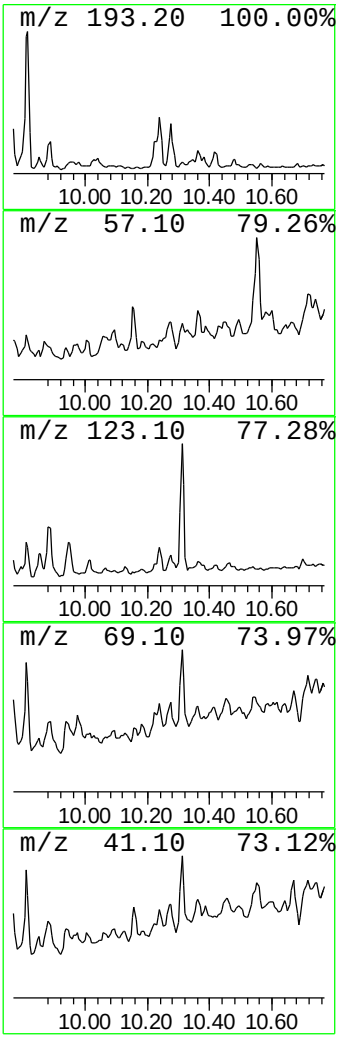
****

Peak Number 10 unknown10.27 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.17 ng	493252	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
2	1,3,3-Trimethyl-2-oxabicyclo[2.2...	186	C10H18O3	056084-15-2	15
3	Imidazole-2-hydrazide-1-carboxyl...	154	C5H6N4O2	1000126-42-2	11
4	3-Buten-2-one, 4-(4-hydroxy-2,2,...	224	C13H20O3	038274-01-0	11
5	Cyclopentanecarboxylic acid, 2-m...	172	C9H16O3	1000331-06-9	10





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Acq On : 17 Jan 2019 9:32
Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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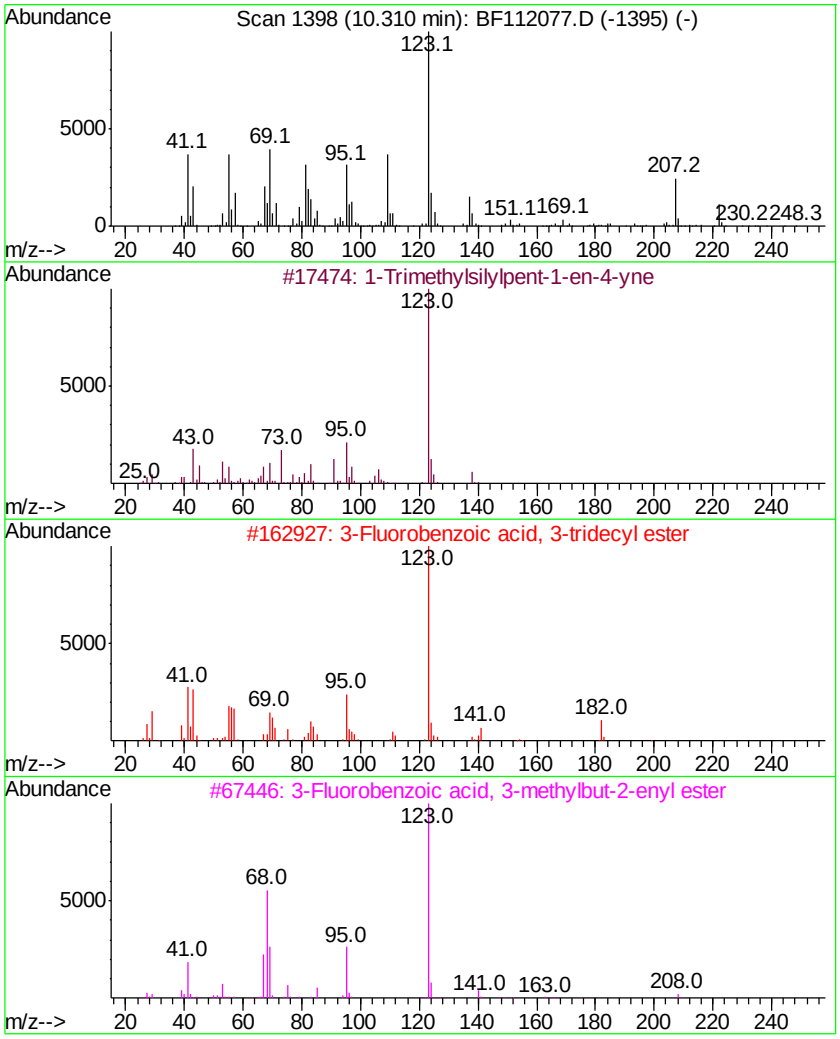
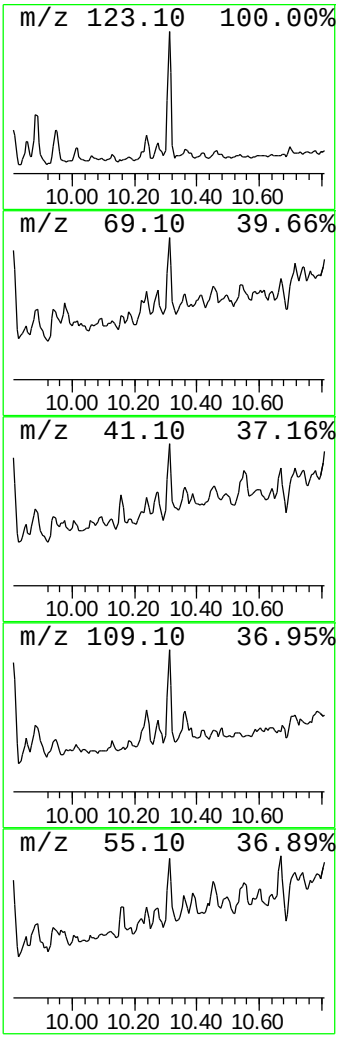
Peak Number 11 1-Trimethylsilylpent-1-en-4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	7.62 ng	1186200	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	52
2	3-Fluorobenzoic acid, 3-tridecyl...	322	C20H31FO2	1000280-60-3	50
3	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	46
4	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	46
5	3-Fluorobenzoic acid, pent-2-en-...	204	C12H9FO2	1000292-60-2	43





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Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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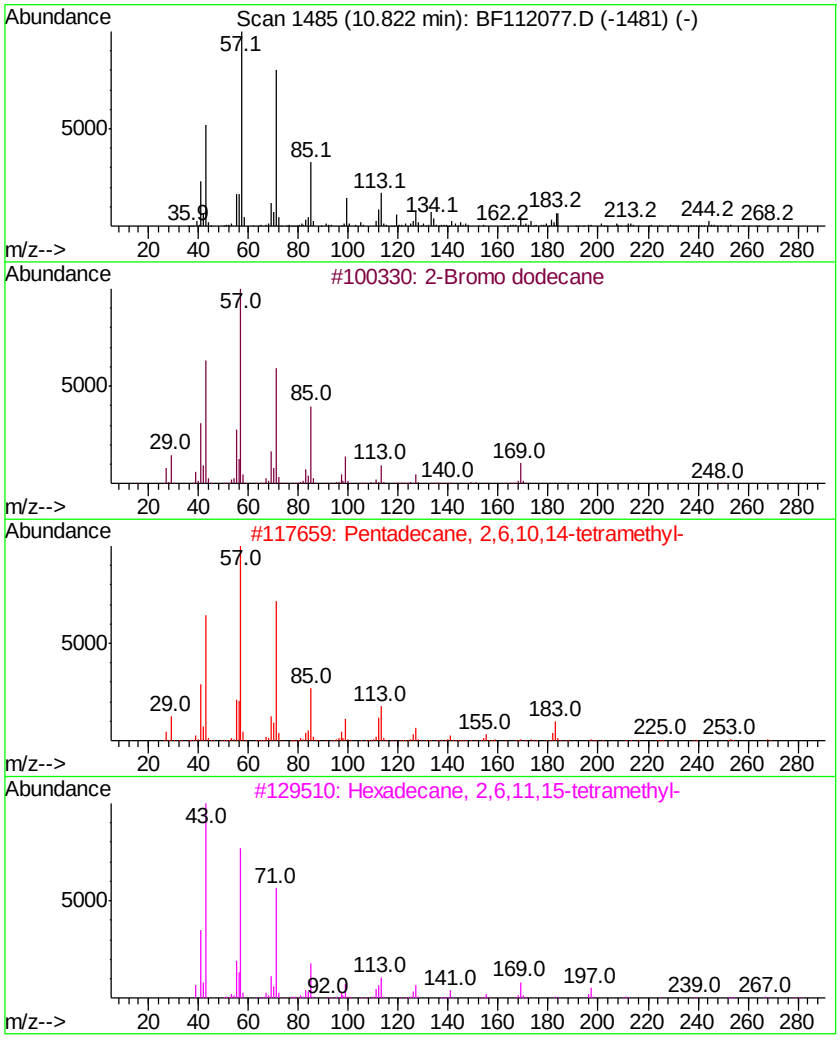
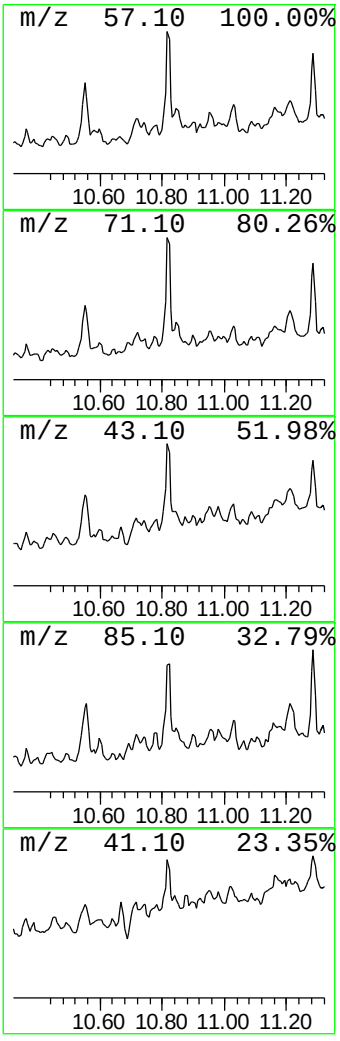
Peak Number 12 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	7.58 ng	1163760	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72





Library Search Compound Report

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Data File : BF112077.D
Acq On : 17 Jan 2019 9:32
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Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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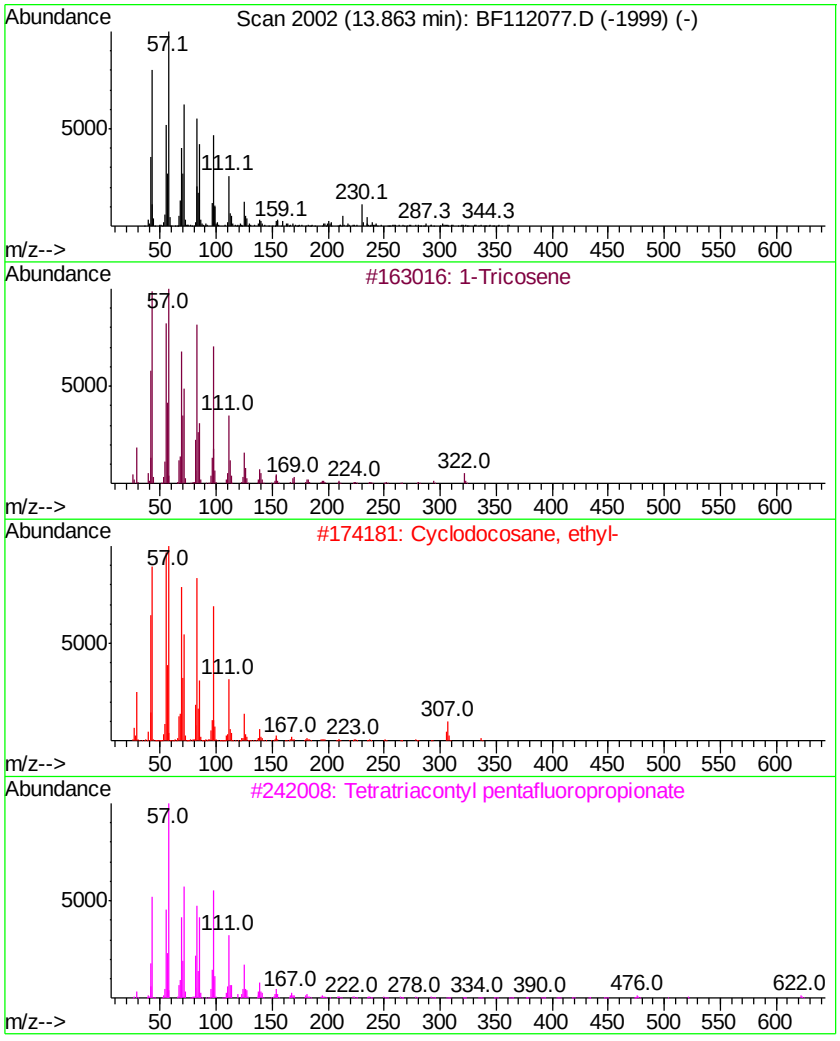
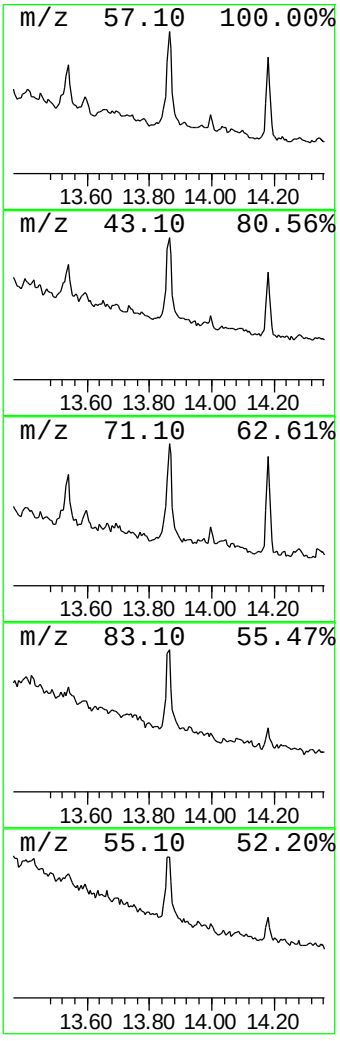
Peak Number 13 1-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.42 ng	893868	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	93
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
3	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	90
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	90
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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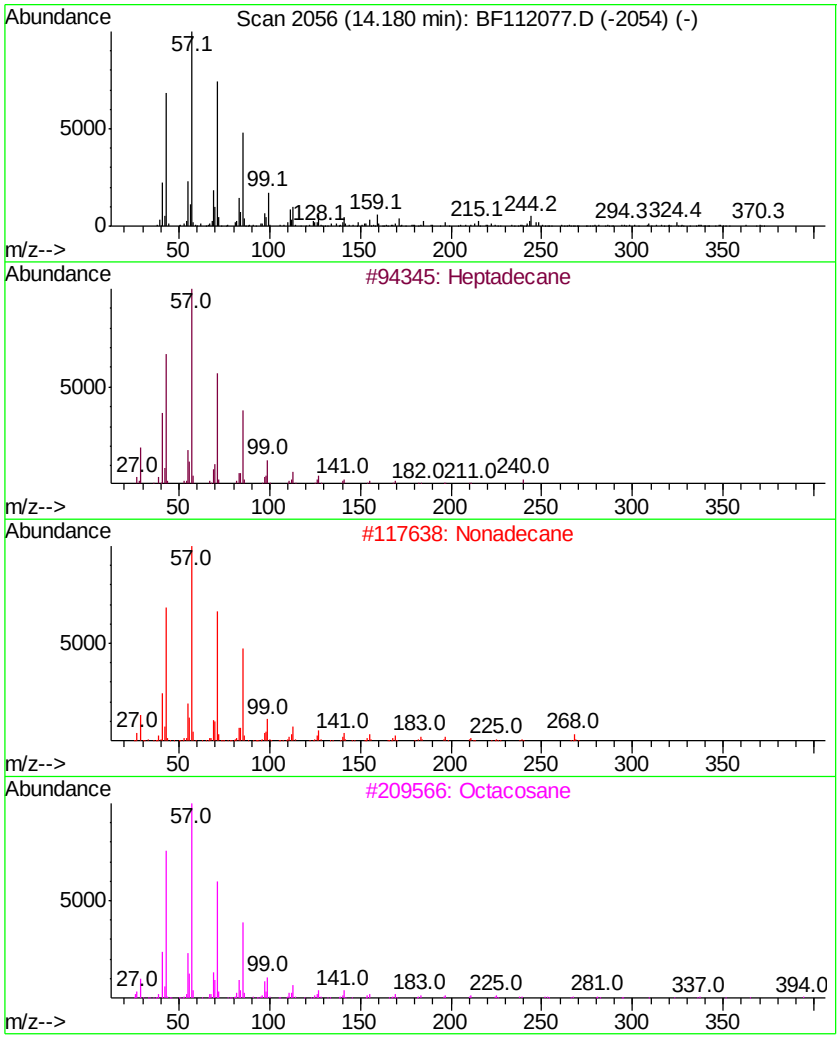
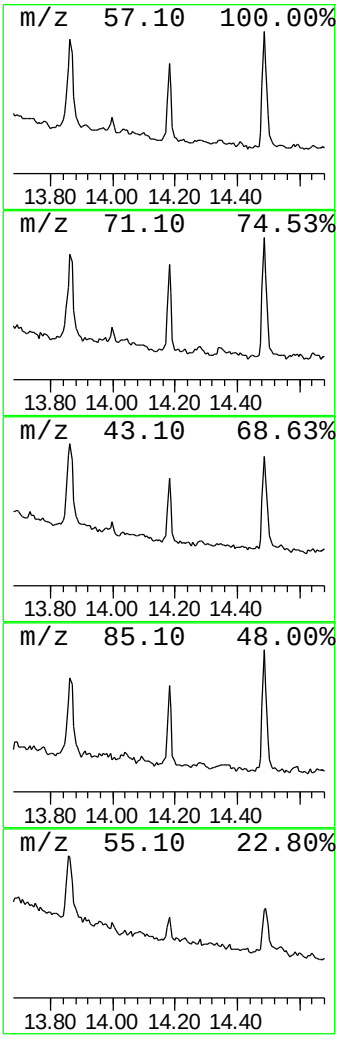
Peak Number 14 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.47 ng	262078	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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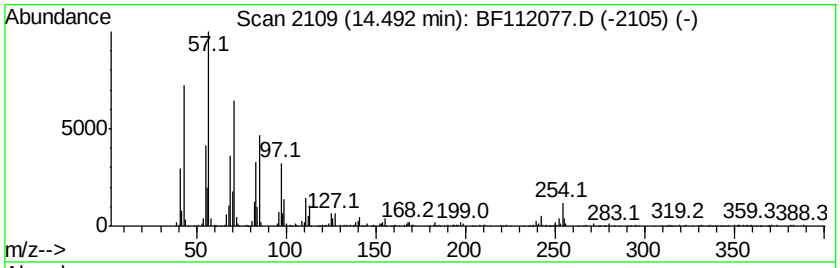
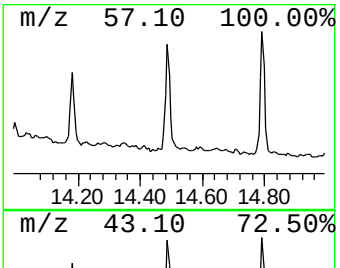
Peak Number 15 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	5.46 ng	579751	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Octadecane	254	C18H38	000593-45-3	97
3	Heptadecane	240	C17H36	000629-78-7	93
4	Octacosane	394	C28H58	000630-02-4	93
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Operator : JU/SJ
Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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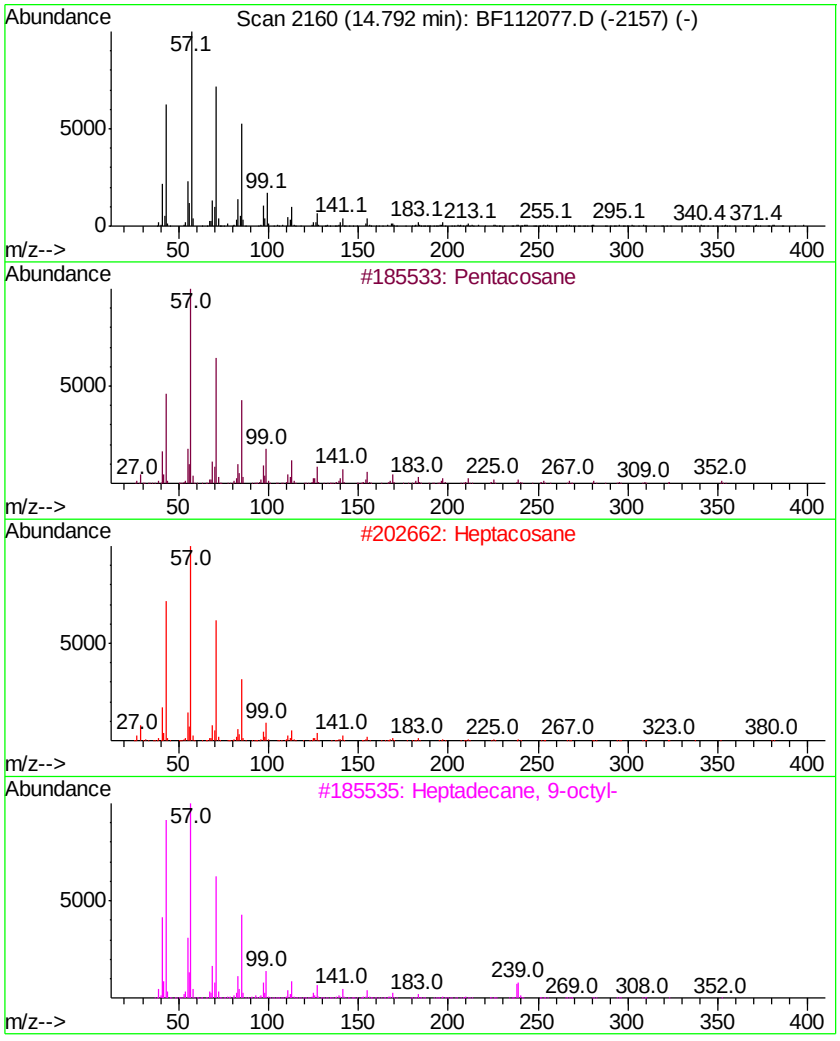
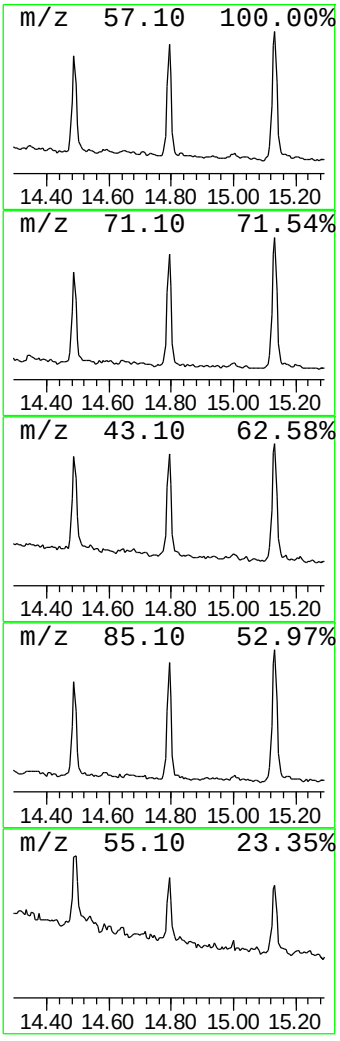
Peak Number 16 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.74 ng	496030	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Heptacosane	380	C27H56	000593-49-7	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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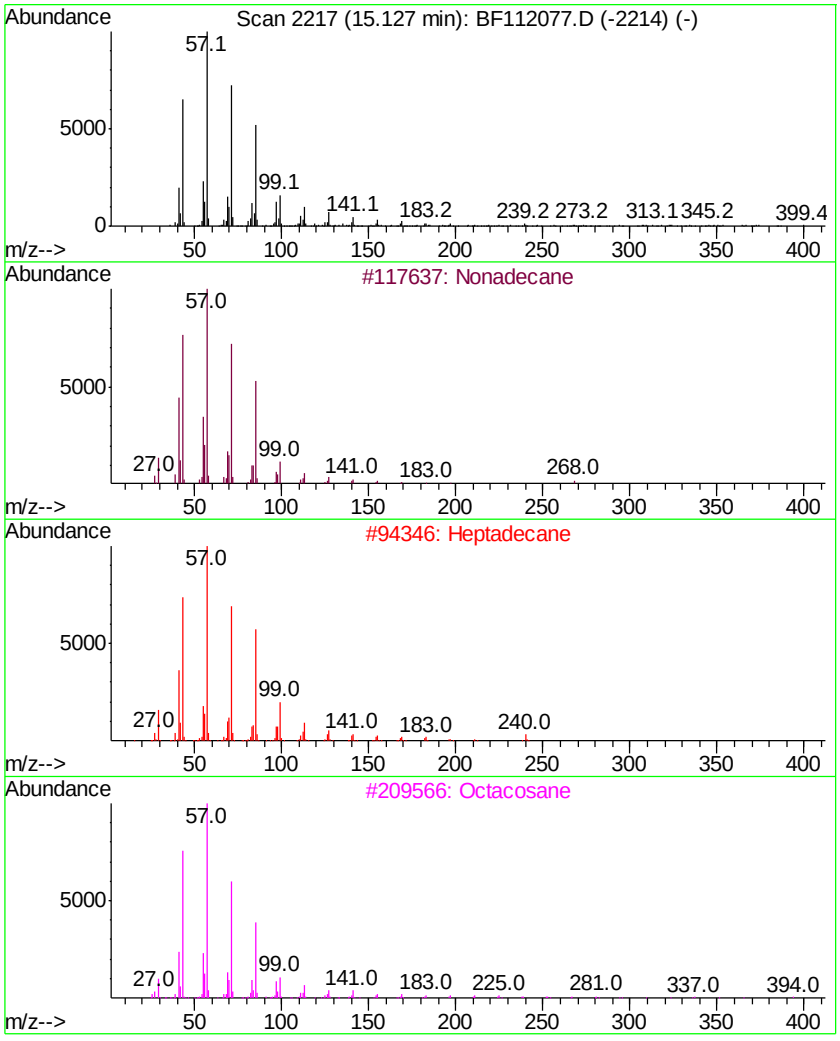
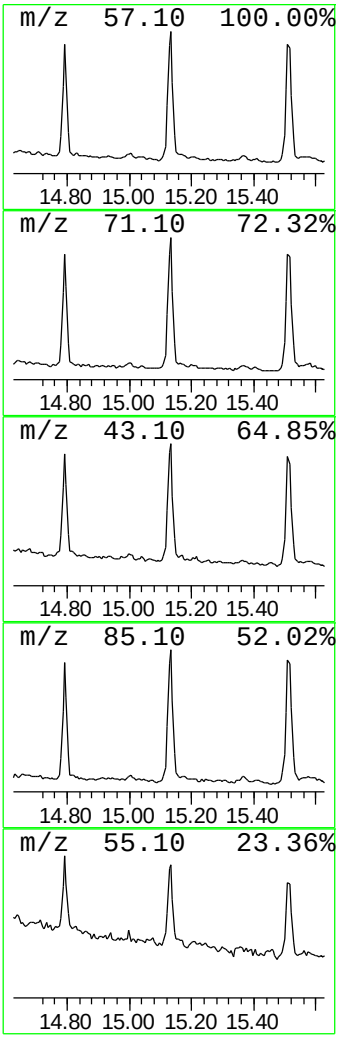
Peak Number 17 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.11 ng	678209	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : TP-2

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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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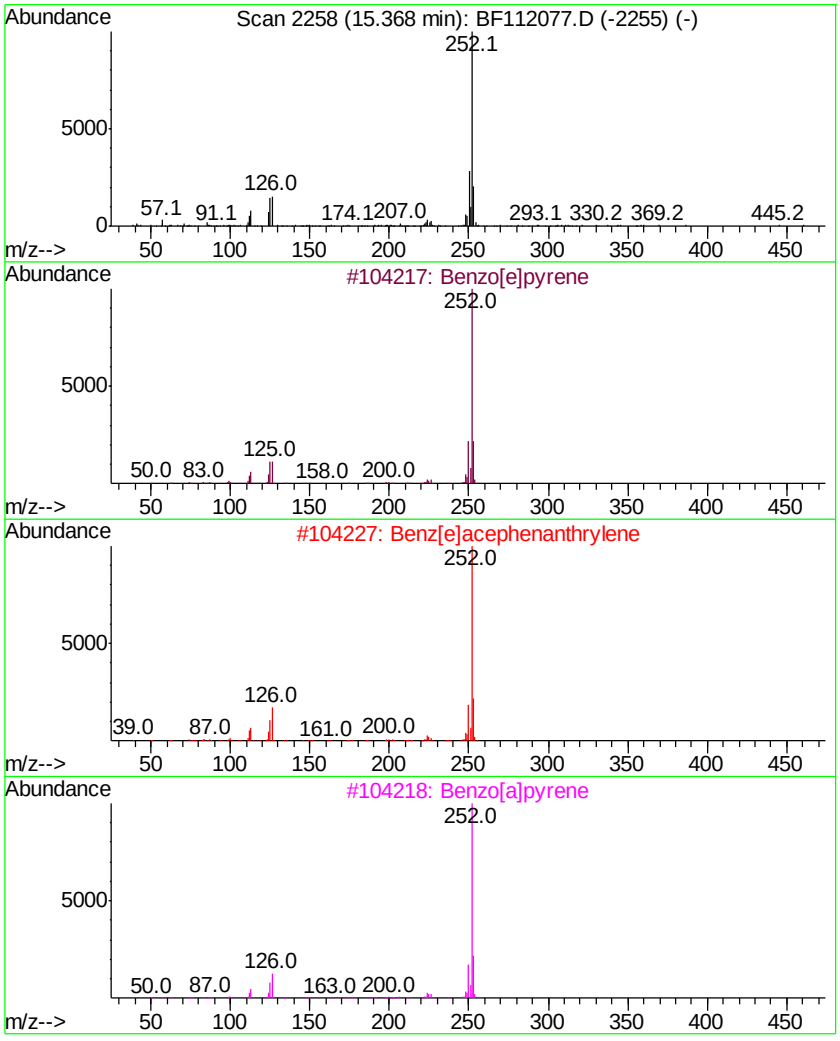
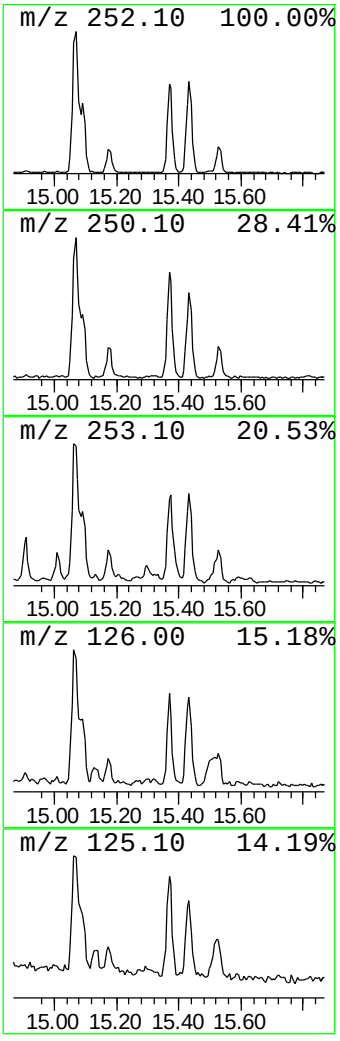
Peak Number 18 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.49 ng	330689	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Library Search Compound Report

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Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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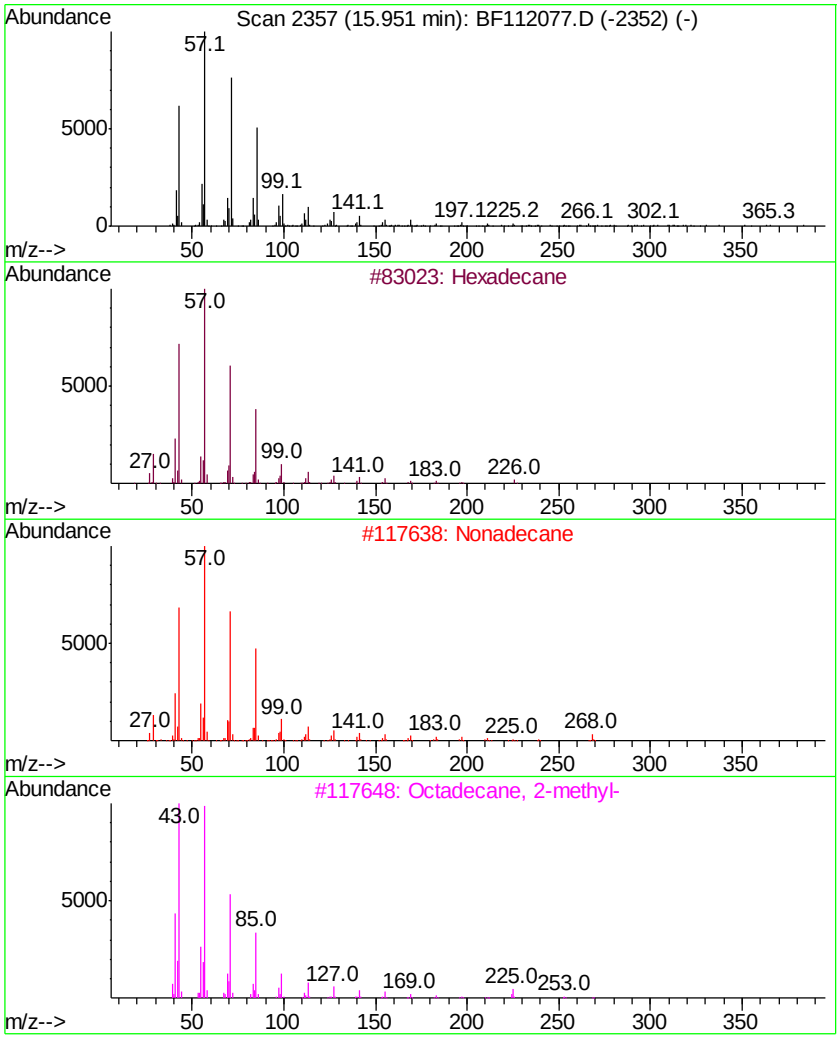
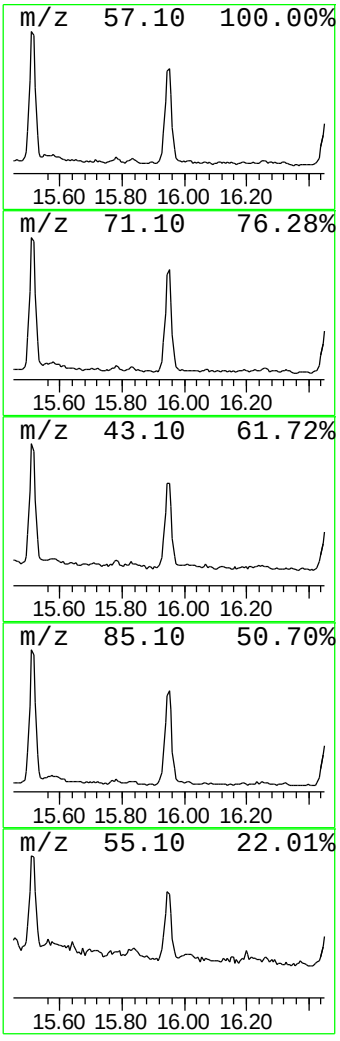
Peak Number 19 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.42 ng	585845	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

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Sample : K1147-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : TP-2

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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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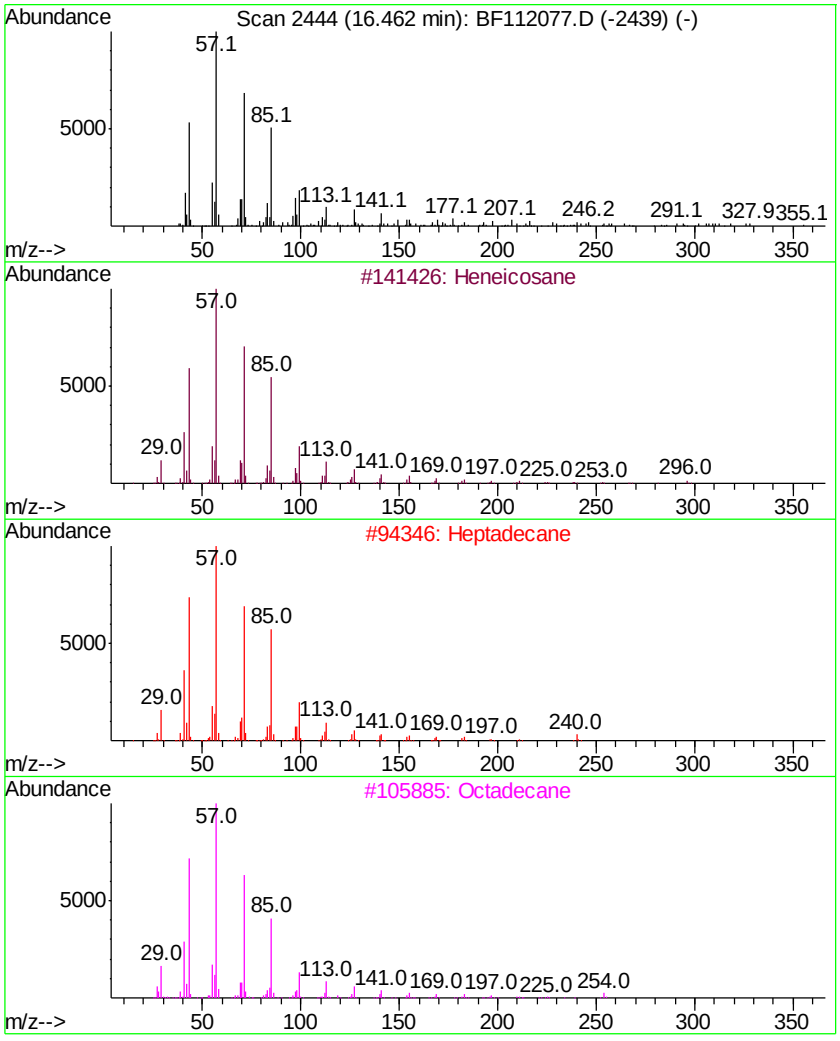
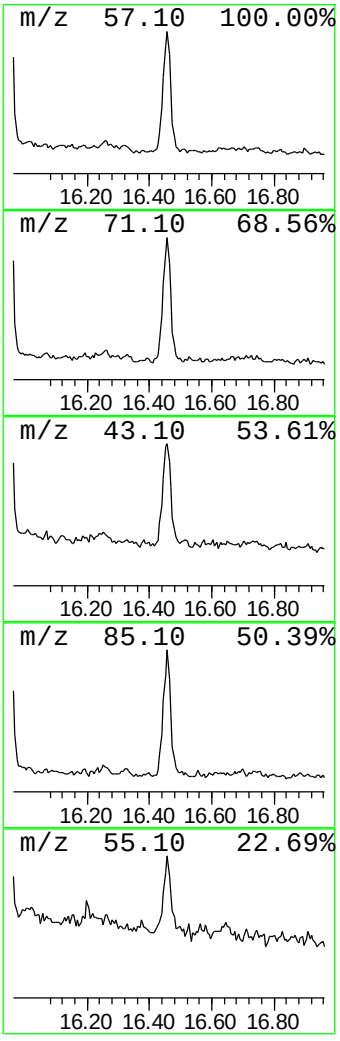
Peak Number 20 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.62 ng	347605	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Octadecane	254	C18H38	000593-45-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetracosane	338	C24H50	000646-31-1	86





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : K1147-04
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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
Butane, 2-methoxy...	2.15	2.4	ng	194682	1	6.86	1599700	20.0
unknown5.08	5.08	4.5	ng	358469	1	6.86	1599700	20.0
unknown6.63	6.63	71.8	ng	5738820	1	6.86	1599700	20.0
Decahydro-4,4,8,9...	9.30	2.8	ng	440006	3	9.90	3111480	20.0
unknown9.77	9.77	5.5	ng	851260	3	9.90	3111480	20.0
unknown9.81	9.81	8.9	ng	1381420	3	9.90	3111480	20.0
unknown10.16	10.16	3.7	ng	579625	3	9.90	3111480	20.0
unknown10.27	10.27	3.2	ng	493252	3	9.90	3111480	20.0
1-Trimethylsilylp...	10.31	7.6	ng	1186200	3	9.90	3111480	20.0
2-Bromo dodecane	10.82	7.6	ng	1163760	4	11.39	3069240	20.0
1-Tricosene	13.86	8.4	ng	893868	5	14.03	2122620	20.0
Heptadecane	14.18	2.5	ng	262078	5	14.03	2122620	20.0
Tetracosane	14.49	5.5	ng	579751	5	14.03	2122620	20.0
Pentacosane	14.79	3.7	ng	496030	6	15.50	2653160	20.0
Nonadecane	15.13	5.1	ng	678209	6	15.50	2653160	20.0
Benzo[e]pyrene	15.37	2.5	ng	330689	6	15.50	2653160	20.0
Hexadecane	15.95	4.4	ng	585845	6	15.50	2653160	20.0
Heneicosane	16.46	2.6	ng	347605	6	15.50	2653160	20.0