LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

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-BF090518.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	4.078	291	296	305	rBV2	27037	54441	1.45%	0.152%
2	4.925	436	440	448	rVB	142034	154750	4.12%	0.433%
3	5.348	507	512	519	rBV	1558470	1994119	53.06%	5.577%
4	5.513	538	540	549	rVB2	63449	89305	2.38%	0.250%
5	5.637	556	561	567	rBV	47547	74062	1.97%	0.207%
6	5.684	567	569	577	rVB	87722	88500	2.35%	0.247%
7	6.389	683	689	693	rBV	1144145	1297201	34.52%	3.628%
8	6.478	700	704	705	rBV	1043299	1290598	34.34%	3.609%
9	6.489	705	706	708	rVV	1172278	1208166	32.15%	3.379%
10	6.519	708	711	715	rVB	2235459	3050283	81.17%	8.530%
11	6.584	716	722	729	rVB5	58593	88261	2.35%	0.247%
12	6.742	745	749	752	rBV	1206222	1067410	28.40%	2.985%
13	6.895	771	775	779	rBV	3268830	3011959	80.15%	8.423%
14	7.113	809	812	814	rBV2	51770	61769	1.64%	0.173%
15	7.142	814	817	820	rVB2	77044	83767	2.23%	0.234%
16	7.301	839	844	847	rVB	2423464	2264920	60.27%	6.334%
17	7.425	861	865	867	rBV3	40166	45802	1.22%	0.128%
18	7.501	872	878	880	rBV5	31598	61226	1.63%	0.171%
19	7.525	880	882	884	rBV	66721	64031	1.70%	0.179%
20	7.613	893	897	900	rBV3	44049	57220	1.52%	0.160%
21	7.666	903	906	910	rVV2	66745	69346	1.85%	0.194%
22	7.713	911	914	916	rVB2	54359	52950	1.41%	0.148%
23	7.772	921	924	927	rBV3	83318	80083	2.13%	0.224%
24	7.801	927	929	935	rVB2	64676	75912	2.02%	0.212%
25	7.860	935	939	943	rBV3	85994	146837	3.91%	0.411%
26	7.954	953	955	963	rVB5	62238	74002	1.97%	0.207%
27	8.019	963	966	974	rBV	1435342	1240580	33.01%	3.469%
28	8.089	974	978	981	rVB	151365	131894	3.51%	0.369%
29	8.201	993	997	1000	rVB3	36753	52595	1.40%	0.147%
30	8.289	1010	1012	1017	rVB5	50513	51252	1.36%	0.143%
31	8.795	1096	1098	1101	rVB2	103377	83679	2.23%	0.234%
32	8.830	1101	1104	1108	rVB5	55705	67279	1.79%	0.188%
33	8.883	1108	1113	1116	rBV5	59858	107591	2.86%	0.301%
34	8.977	1126	1129	1132	rBV4	57319	65213	1.74%	0.182%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.060	1140	1143	1145	rBV4	46316	51810	1.38%	0.145%
36	9.095	1145	1149	1152	rBV	4361663	3758061	100.00%	10.510%
37	9.201	1164	1167	1169	rBV3	76604	92898	2.47%	0.260%
38	9.266	1175	1178	1180	rBV3	95052	92255	2.45%	0.258%
39	9.336	1187	1190	1192	rBV4	64208	67507	1.80%	0.189%
40	9.466	1209	1212	1213	rBV2	90672	90803	2.42%	0.254%
41	9.489	1213	1216	1218	rVV	408161	325096	8.65%	0.909%
42	9.525	1218	1222	1229	rVB2	170469	253481	6.74%	0.709%
43	9.683	1247	1249	1252	rVB4	55048	52097	1.39%	0.146%
44	9.772	1260	1264	1270	rVB	1379018	1230503	32.74%	3.441%
45	10.183	1332	1334	1339	rVB5	75852	92924	2.47%	0.260%
46	10.266	1345	1348	1350	rBV3	84423	89865	2.39%	0.251%
47	10.383	1365	1368	1372	rVB	411324	342329	9.11%	0.957%
48	10.554	1393	1397	1401	rBV	1986637	1831162	48.73%	5.121%
49	10.654	1412	1414	1416	rBV	136616	111852	2.98%	0.313%
50	10.701	1420	1422	1429	rVV5	81989	100943	2.69%	0.282%
51	10.760	1429	1432	1434	rVV	114596	93594	2.49%	0.262%
52	10.895	1452	1455	1457	rBV	226544	172797	4.60%	0.483%
53	11.001	1470	1473	1475	rBV3	135893	168201	4.48%	0.470%
54	11.095	1487	1489	1493	rVB3	94988	115214	3.07%	0.322%
55	11.166	1499	1501	1504	rVB2	98575	85478	2.27%	0.239%
56	11.224	1509	1511	1512	rVV	76289	51277	1.36%	0.143%
57	11.248	1512	1515	1519	rVV	1220422	996533	26.52%	2.787%
58	11.307	1522	1525	1528	rBV2	109490	104084	2.77%	0.291%
59	11.360	1531	1534	1540	rVB2	143572	196577	5.23%	0.550%
60	11.413	1541	1543	1545	rBV	70893	54739	1.46%	0.153%
61	11.795	1604	1608	1611	rBV	412039	413036	10.99%	1.155%
62	12.571	1738	1740	1748	rVB3	163563	172347	4.59%	0.482%
63	12.830	1780	1784	1788	rVB	3487850	3191572	84.93%	8.925%
64	13.736	1935	1938	1944	rVB	94923	109922	2.92%	0.307%
65	13.877	1958	1962	1965	rVB	1174406	1146729	30.51%	3.207%
66	14.360	2042	2044	2047	rBV	73757	63876	1.70%	0.179%
67	14.659	2092	2095	2099	rVB	134544	128459	3.42%	0.359%
68	14.977	2146	2149	2156	rVB	166826	181622	4.83%	0.508%
69	15.283	2197	2201	2206	rVV	716607	807690	21.49%	2.259%
70	15.336	2206	2210	2217	rVB	176245	217230	5.78%	0.607%
71	15.742	2275	2279	2285	rVB2	121513	179846	4.79%	0.503%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.218	2356	2360	2364	rVB2	73734	116779	3.11%	0.327%

Sum of corrected areas: 35758191

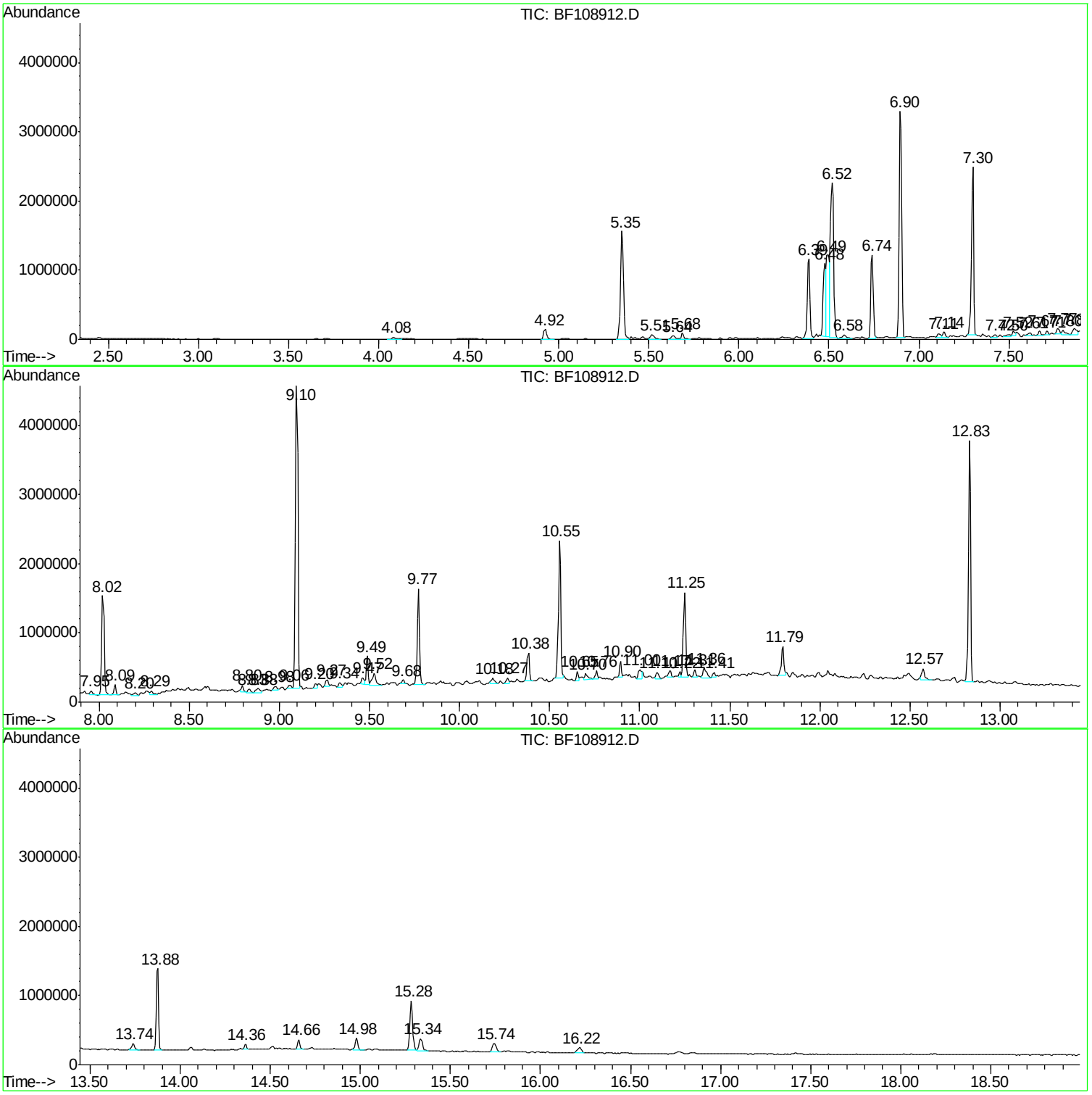
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

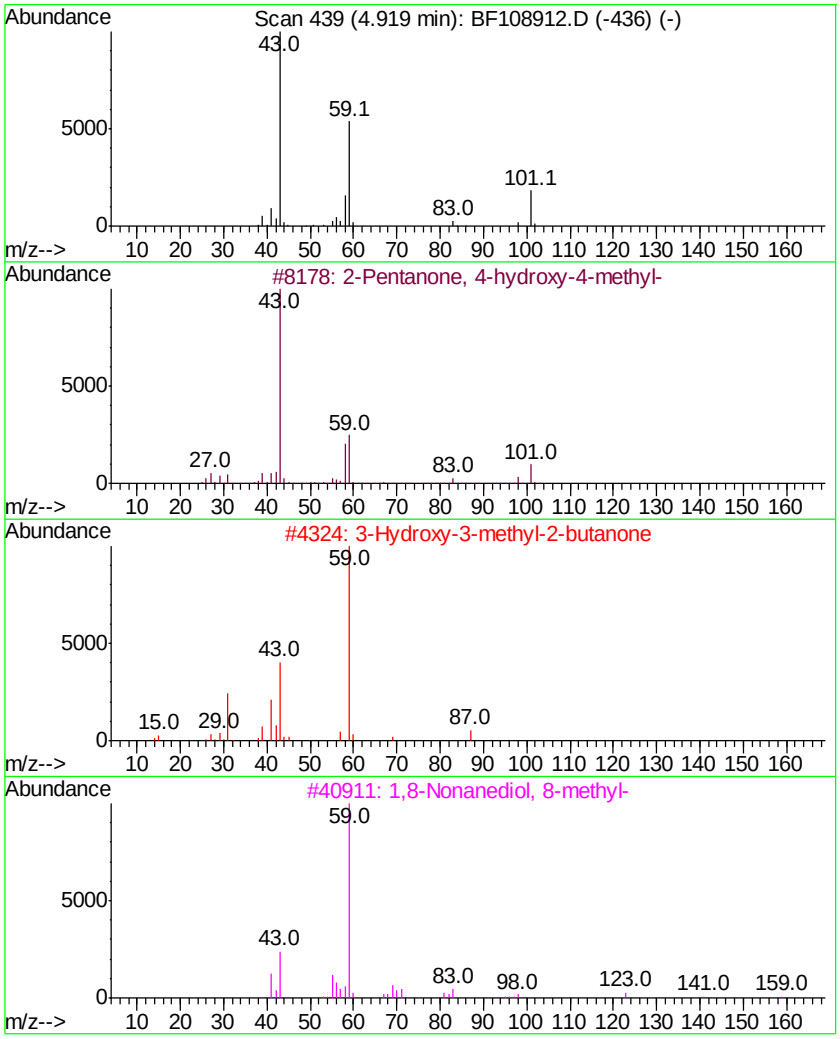
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

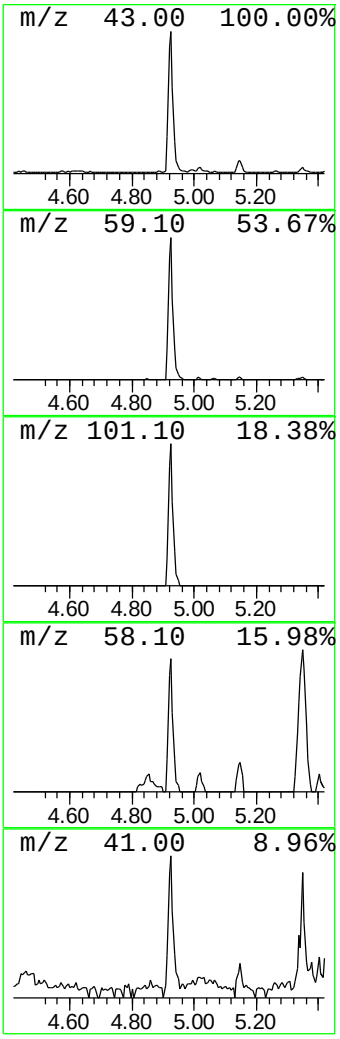
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	2.90 ng	154750	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

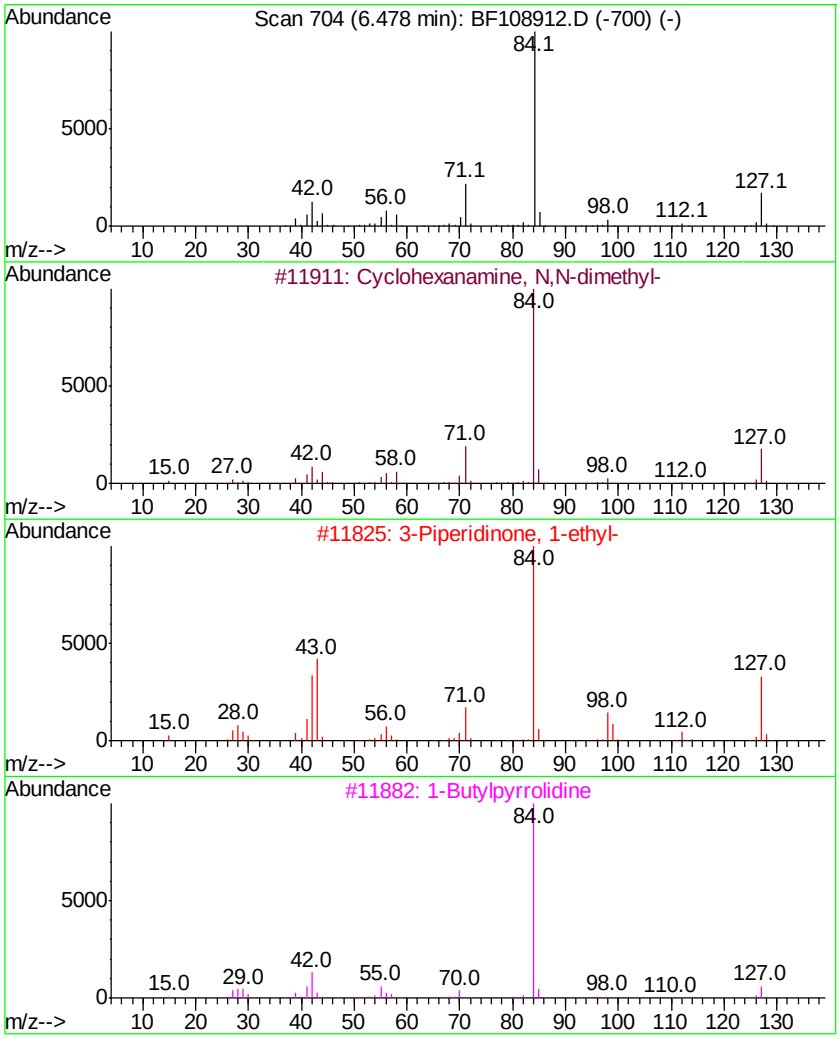
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

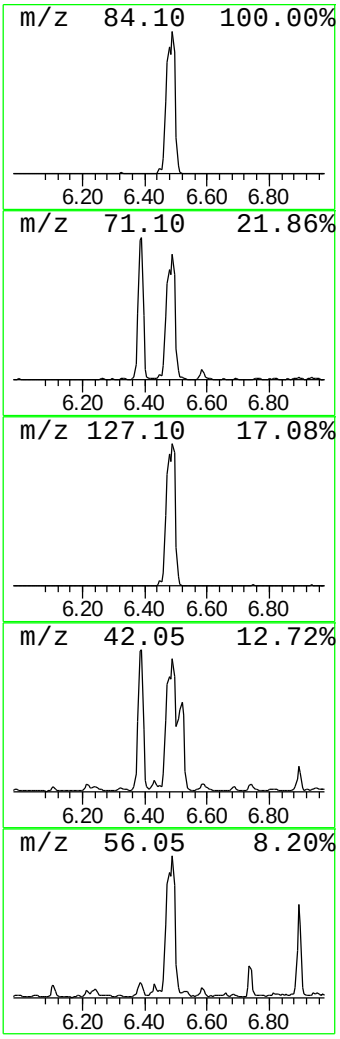
****

Peak Number 2 Cyclohexanamine, N,N-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	24.18 ng	1290600	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	95
2	3-Piperidinone, 1-ethyl-	127	C7H13NO	043152-93-8	83
3	1-Butylpyrrolidine	127	C8H17N	000767-10-2	59
4	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	56
5	2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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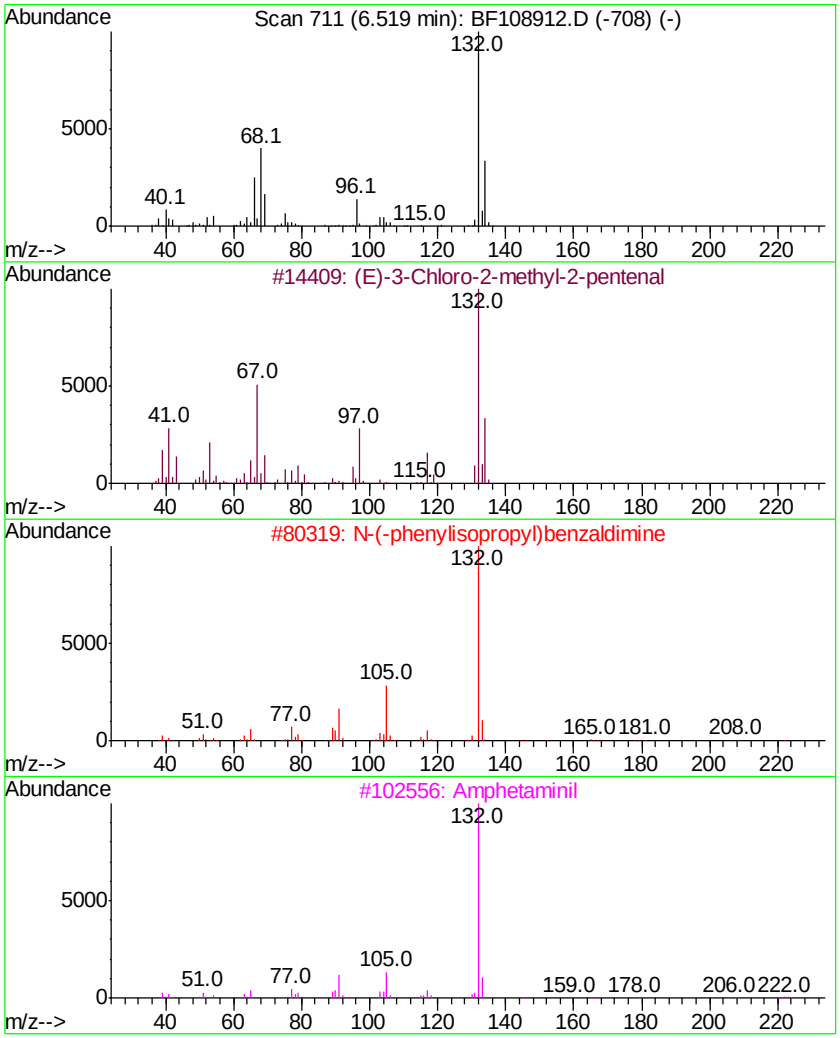
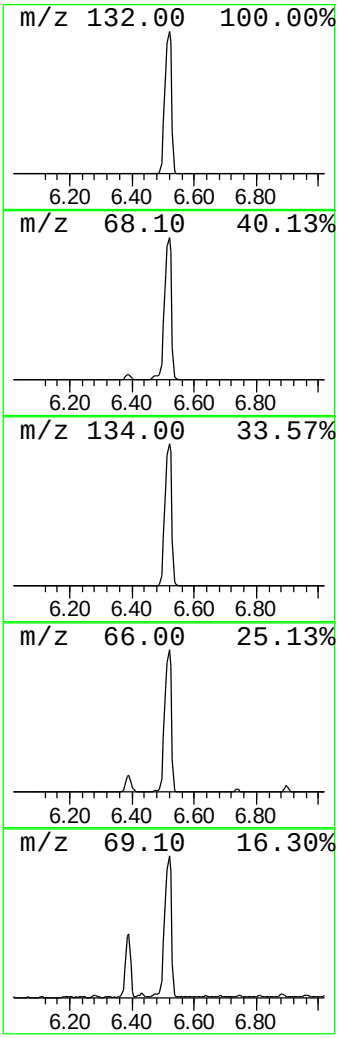
Peak Number 4 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	57.15 ng	3050280	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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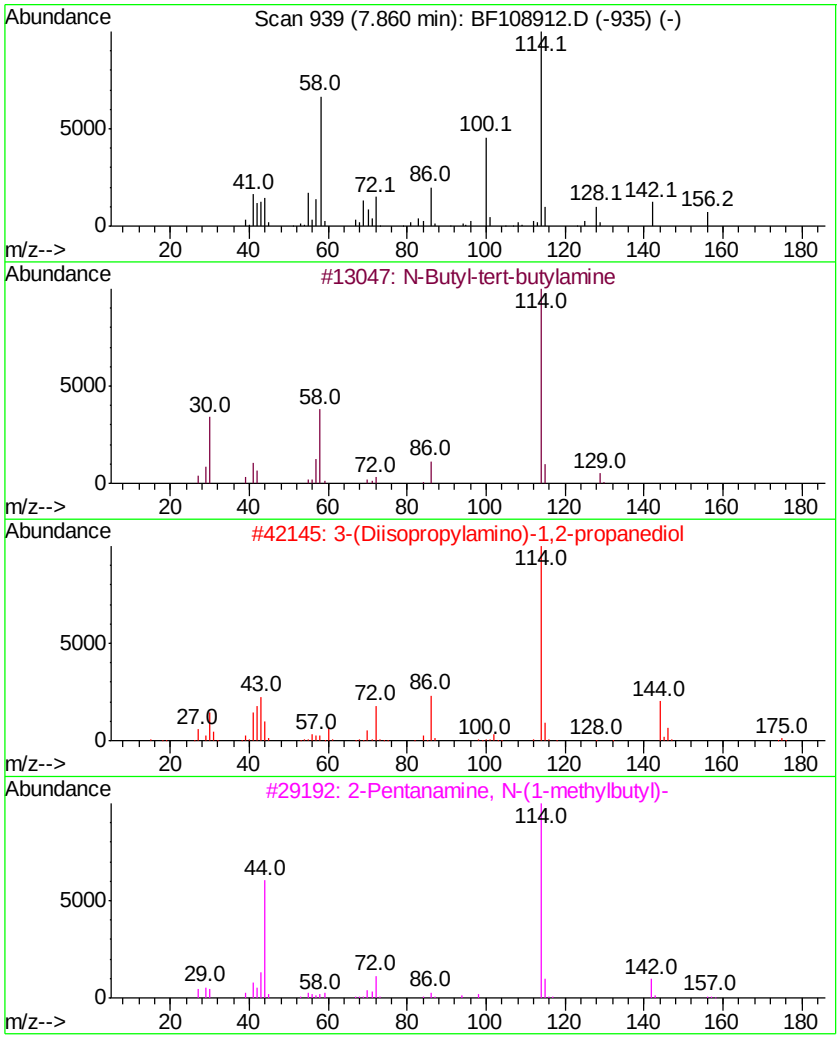
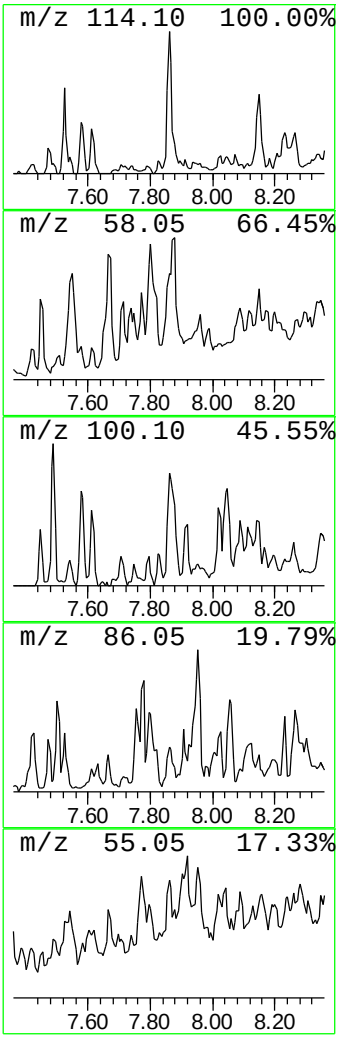
Peak Number 6 unknown7.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.37 ng	146837	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Butyl-tert-butylamine	129	C8H19N	016486-74-1	40
2	3-(Diisopropylamino)-1,2-propane...	175	C9H21NO2	085721-30-8	38
3	2-Pentanamine, N-(1-methylbutyl)-	157	C10H23N	040221-44-1	35
4	2H-Imidazole-2-thione, 1,3-dihyd...	114	C4H6N2S	000060-56-0	35
5	2,4(1H,3H)-Pyrimidinedione, dihy...	114	C4H6N2O2	000504-07-4	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

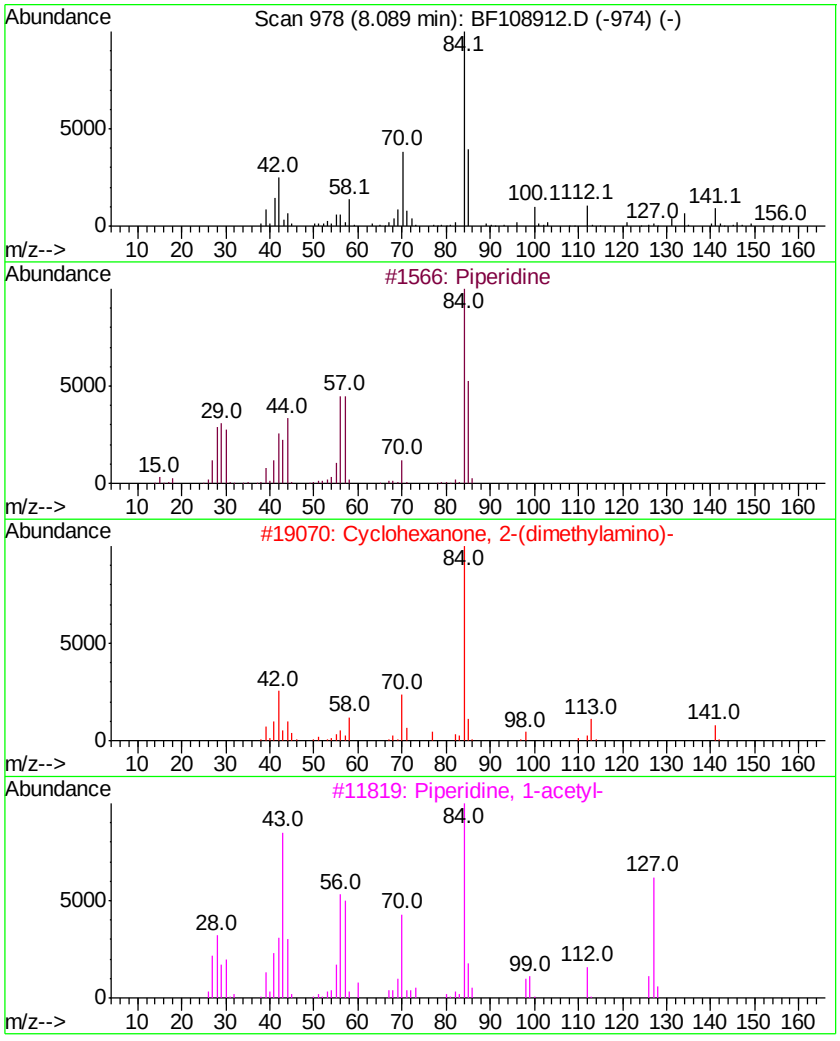
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

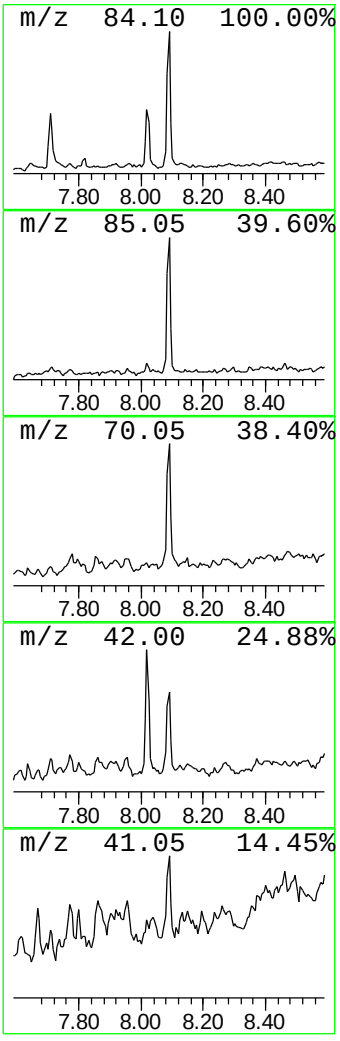
****

Peak Number 7 unknown8.09 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	2.13 ng	131894	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	40
2	Cyclohexanone, 2-(dimethylamino)-	141	C8H15NO	006970-60-1	38
3	Piperidine, 1-acetyl-	127	C7H13NO	000618-42-8	36
4	1-Butanamine, N-butylidene-	127	C8H17N	004853-56-9	28
5	1H-1,2,4-Triazol-5-amine, 1-ethyl-	112	C4H8N4	058661-94-2	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

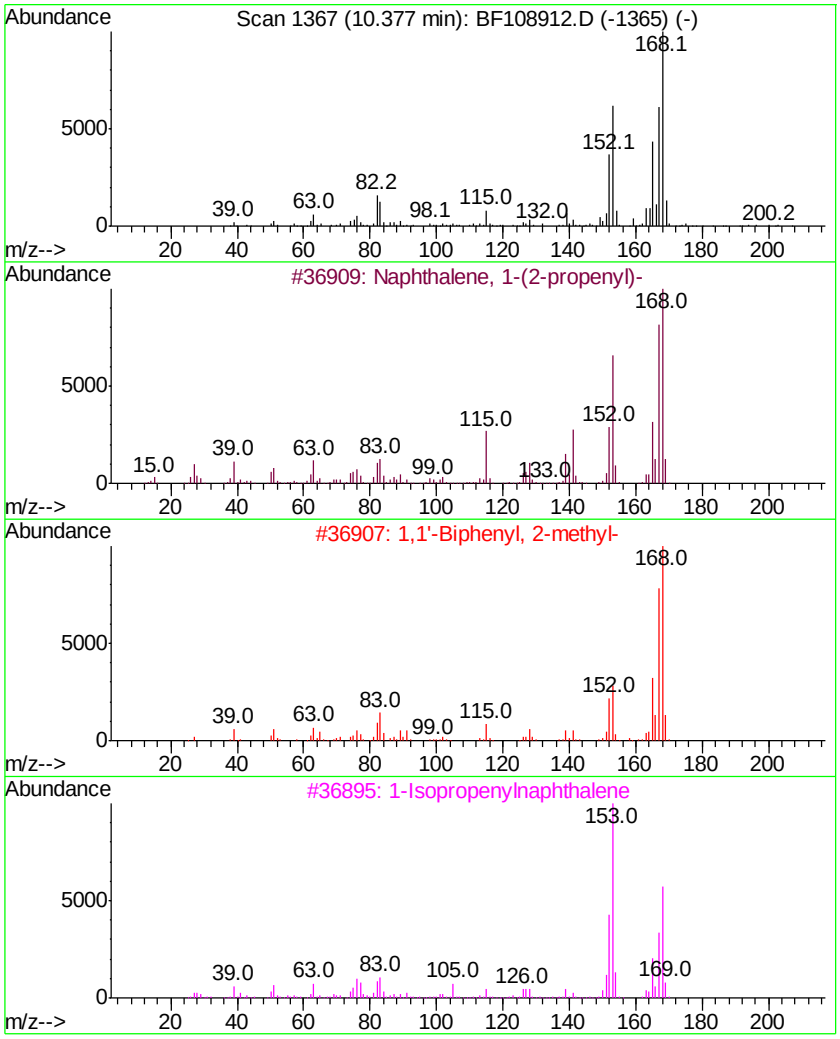
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

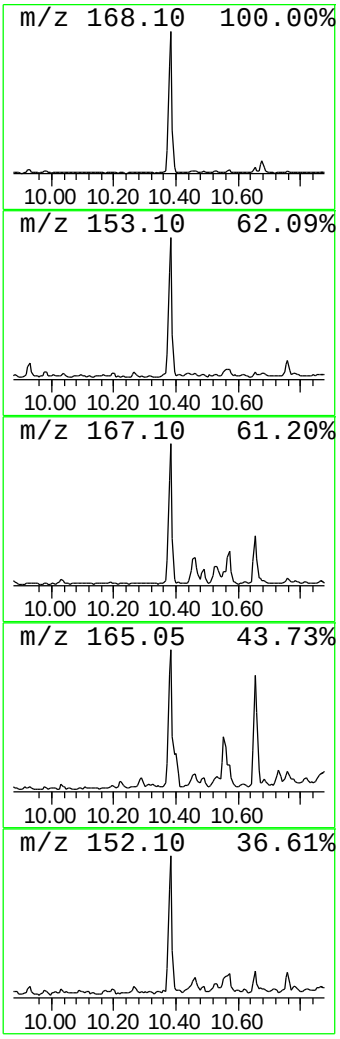
****

Peak Number 8 Naphthalene, 1-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	5.56 ng	342329	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	83
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

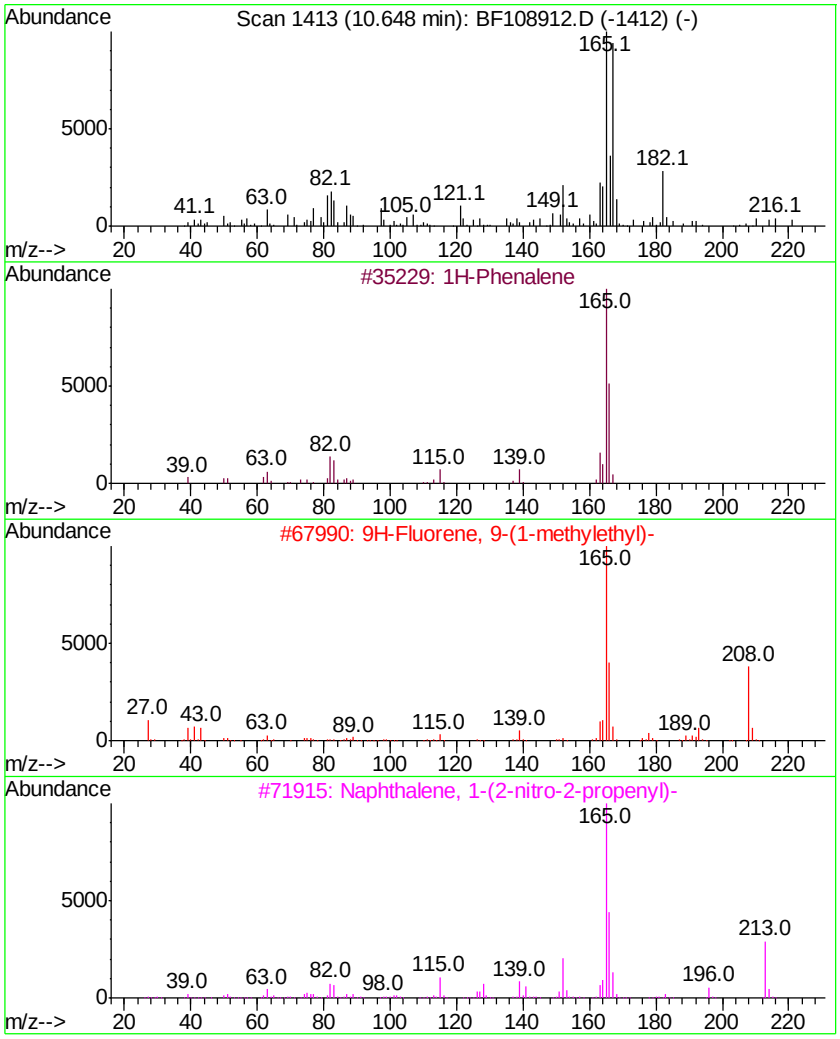
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

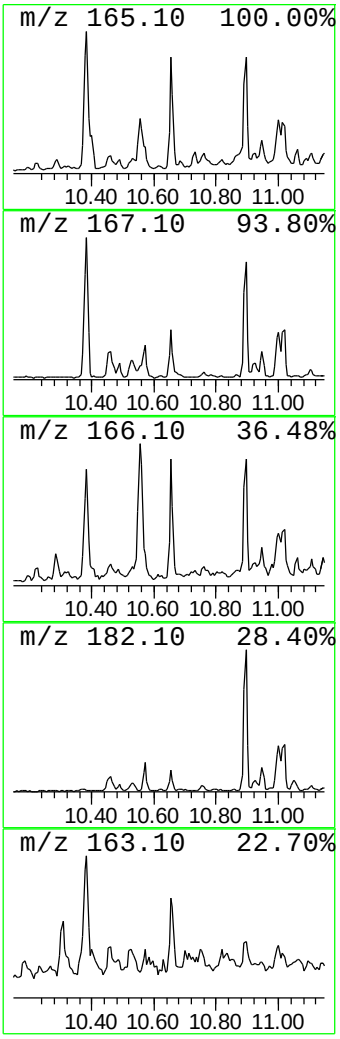
****

Peak Number 9 unknown10.65 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.24 ng	111852	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	49
2	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	38
3	Naphthalene, 1-(2-nitro-2-propen...	213	C13H11NO2	080255-13-6	38
4	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	27
5	1-Cyano-4-methylnaphthalene	167	C12H9N	036062-93-8	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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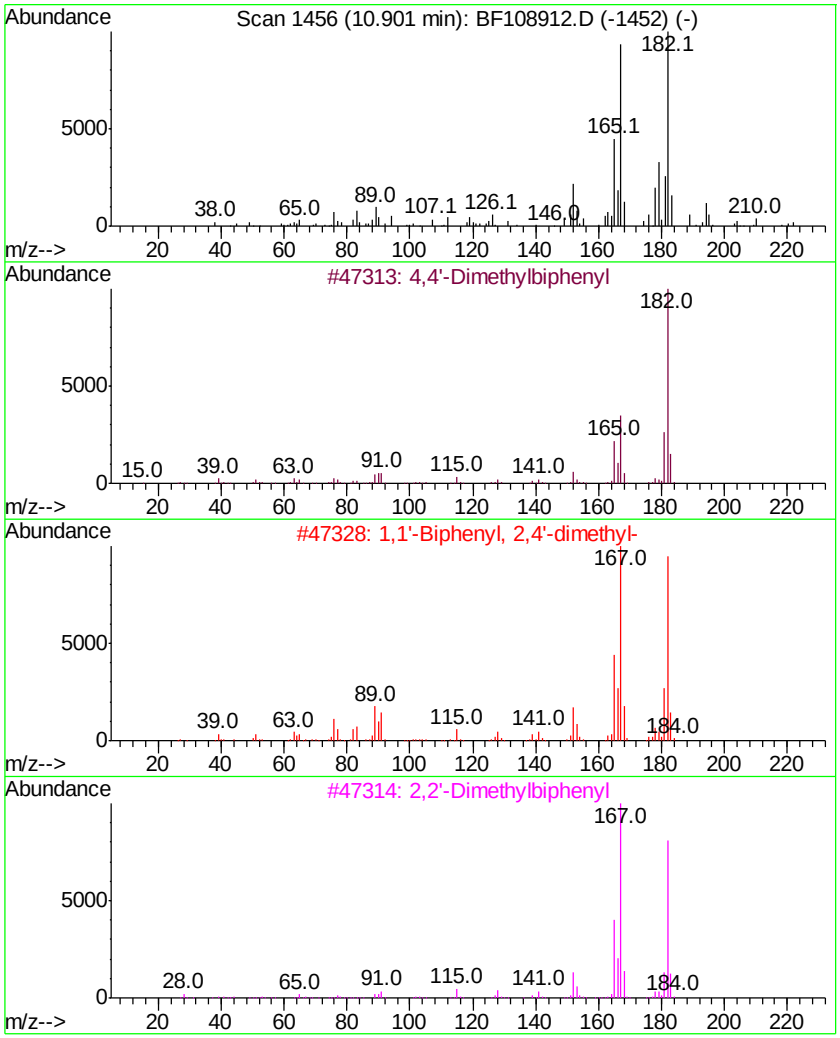
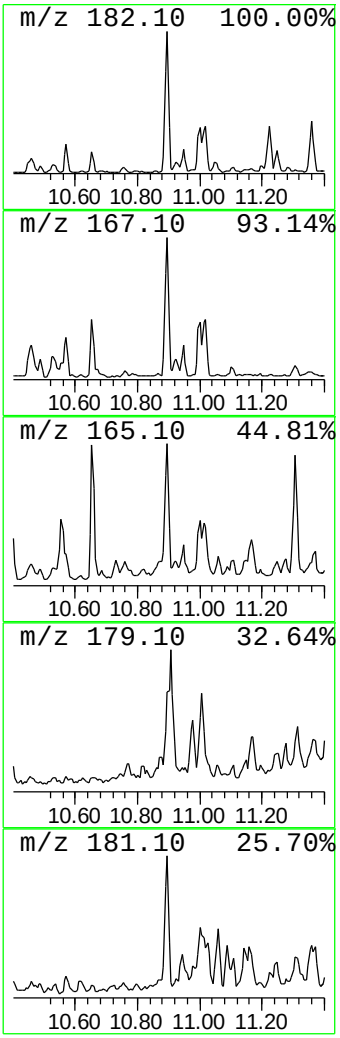
Peak Number 10 4,4'-Dimethylbiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.47 ng	172797	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
2	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	87
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	87
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	87
5	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	83





Library Search Compound Report

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Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

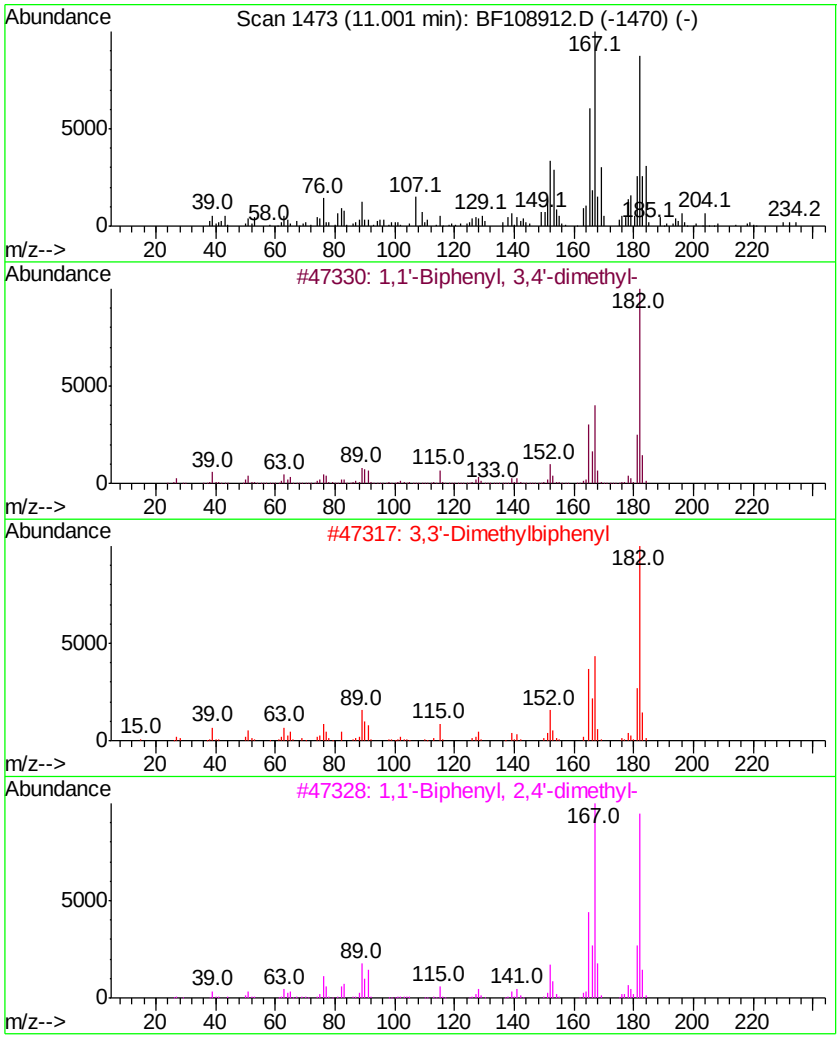
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

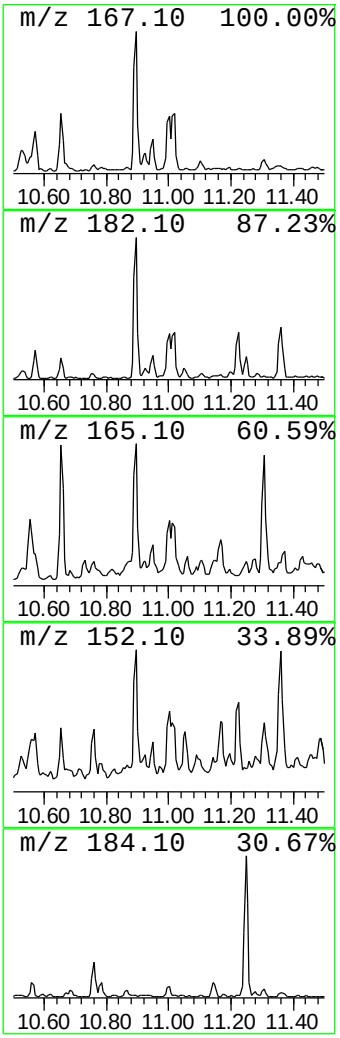
****

Peak Number 11 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.38 ng	168201	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	74
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	74
3	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	70
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	68
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64





Library Search Compound Report

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Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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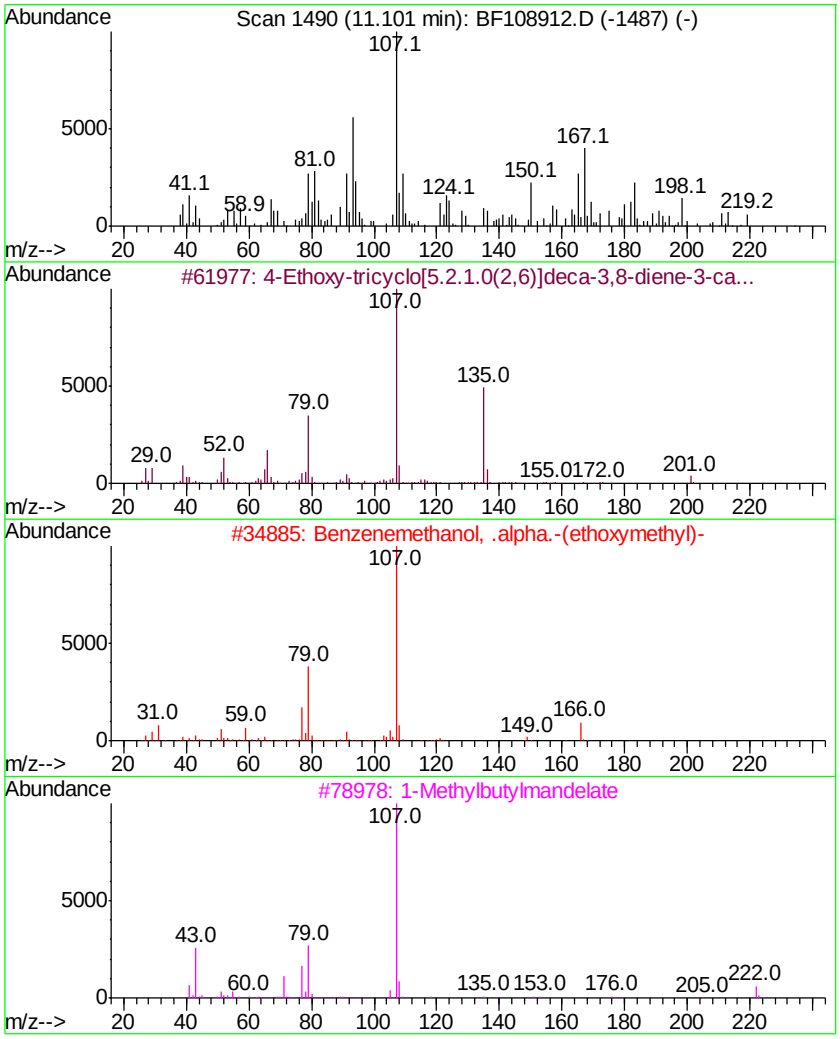
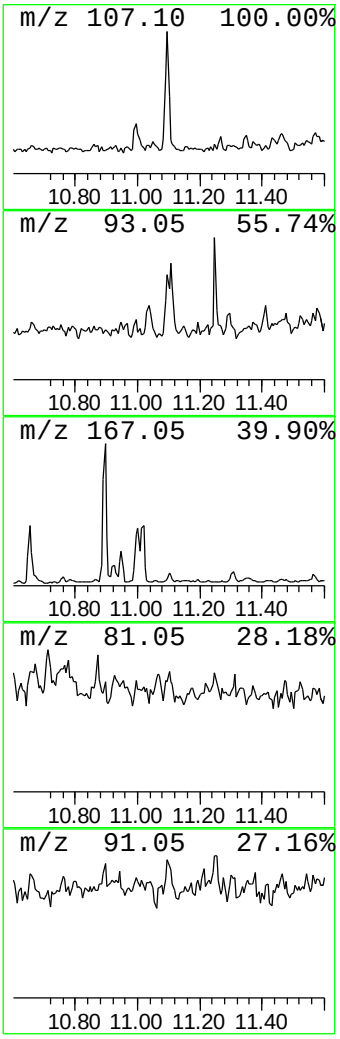
Peak Number 12 unknown11.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.31 ng	115214	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethoxy-tricyclo[5.2.1.0(2,6)]d...	201	C13H15NO	1000193-61-5	47
2	Benzenemethanol, .alpha.-(ethoxy...	166	C10H14O2	022383-53-5	47
3	1-Methylbutylmandelate	222	C13H18O3	1000130-68-0	47
4	Benzenemethanol, .alpha.-(2-nitr...	223	C12H17NO3	103077-81-2	47
5	Benzenemethanol, .alpha.-(1-cycl...	188	C13H16O	144629-63-0	47





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Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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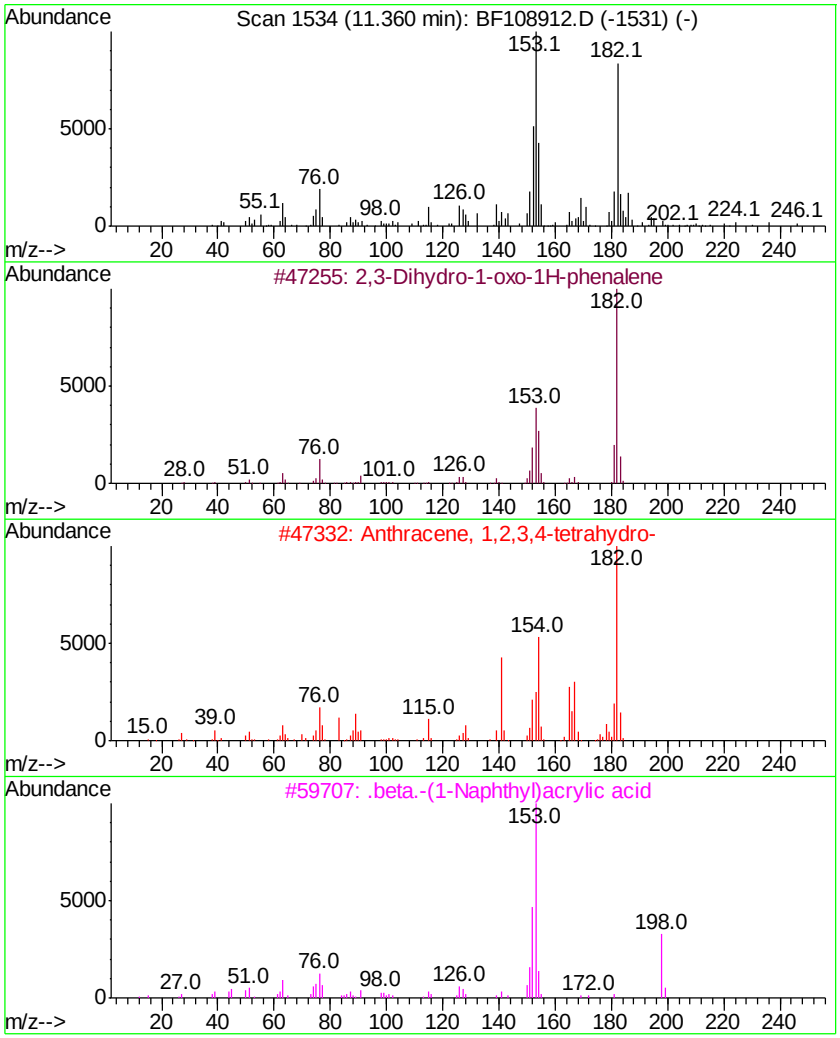
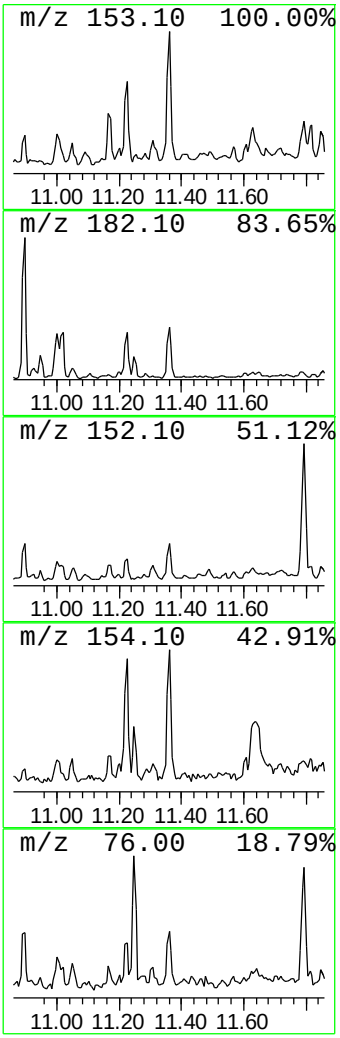
Peak Number 13 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	3.95 ng	196577	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	89
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
3	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	41
4	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	30
5	Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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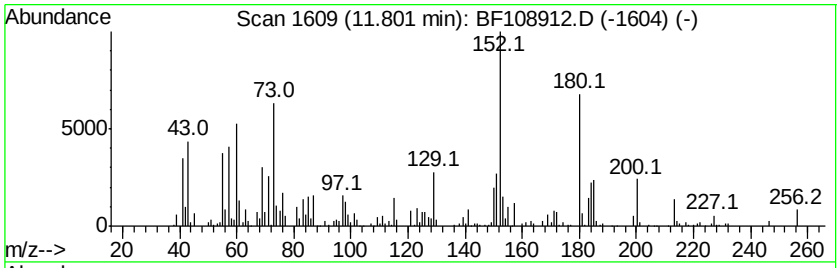
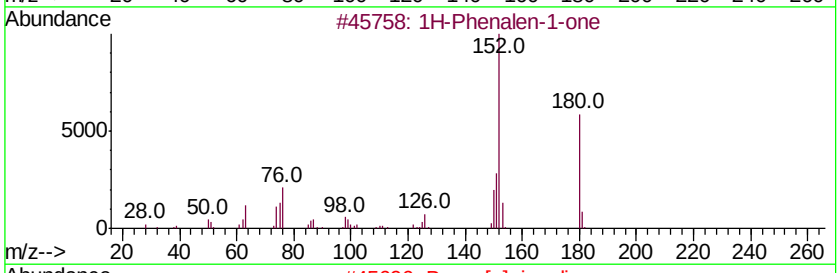
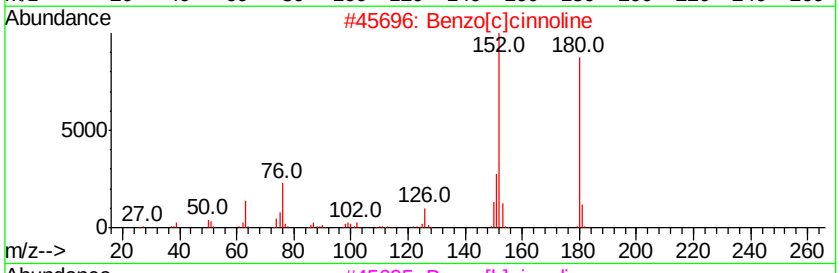
Peak Number 14 1H-Phenalen-1-one Concentration Rank 5

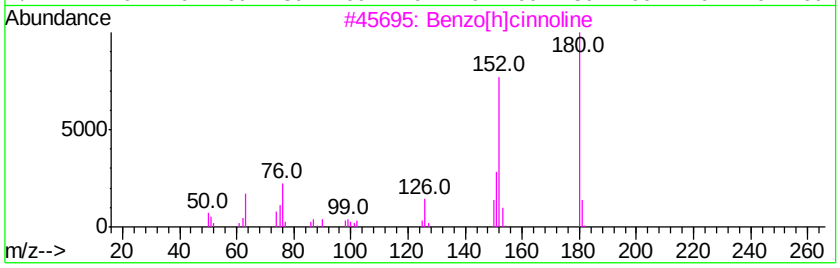
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.29 ng	413036	Phenanthrene-d10	11.25

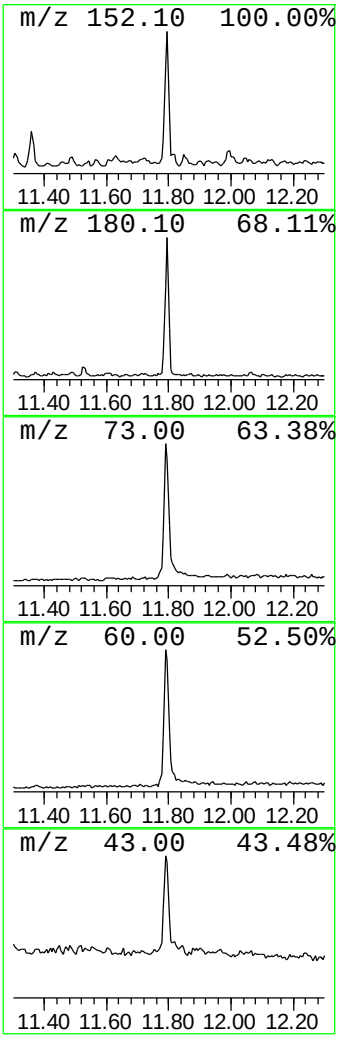
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
5	Acenaphthylene	152	C12H8	000208-96-8	38











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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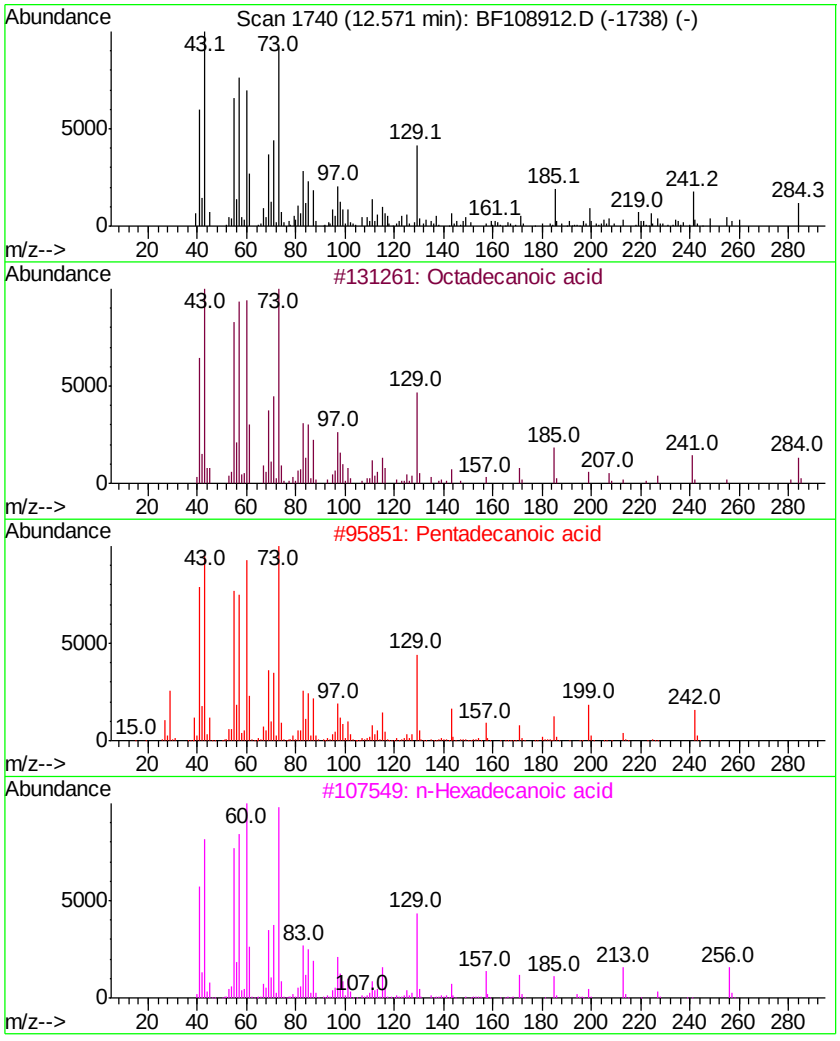
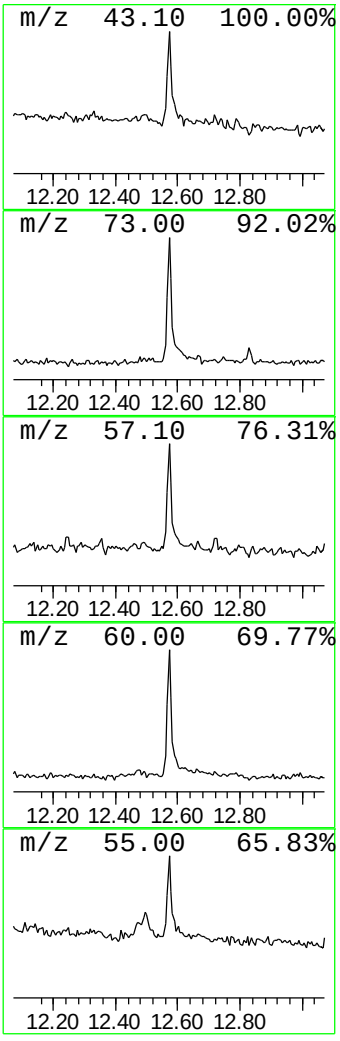
Peak Number 15 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.01 ng	172347	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
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Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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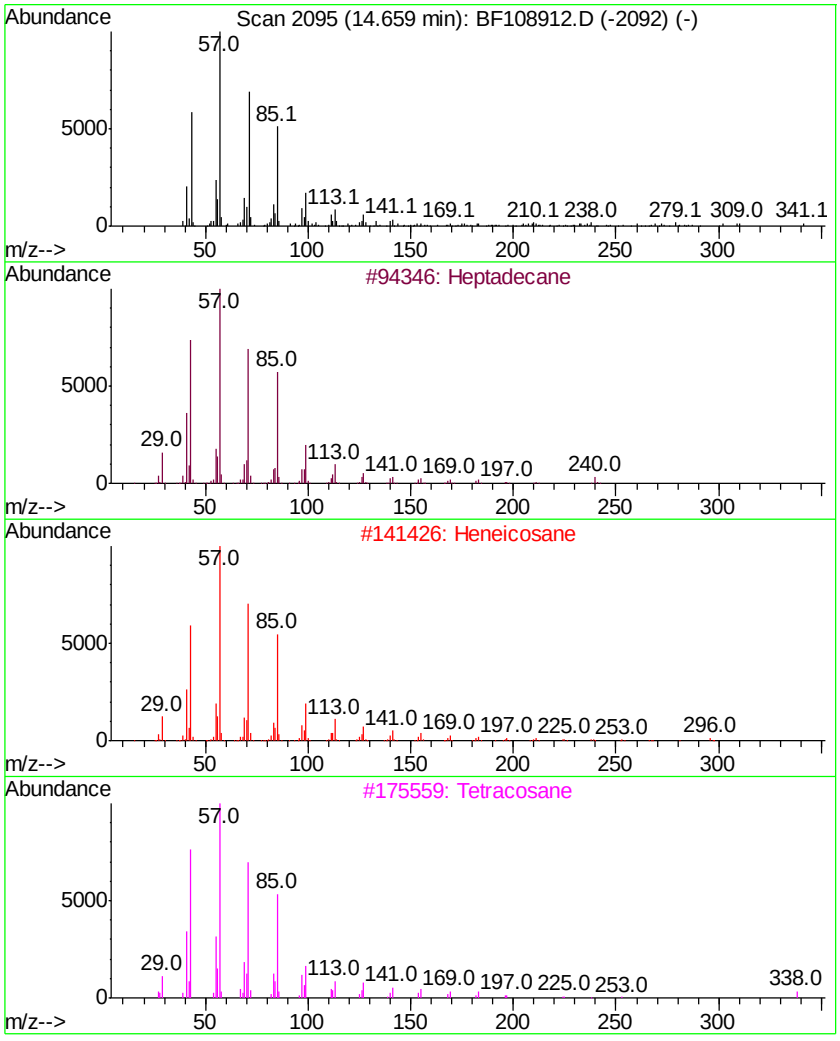
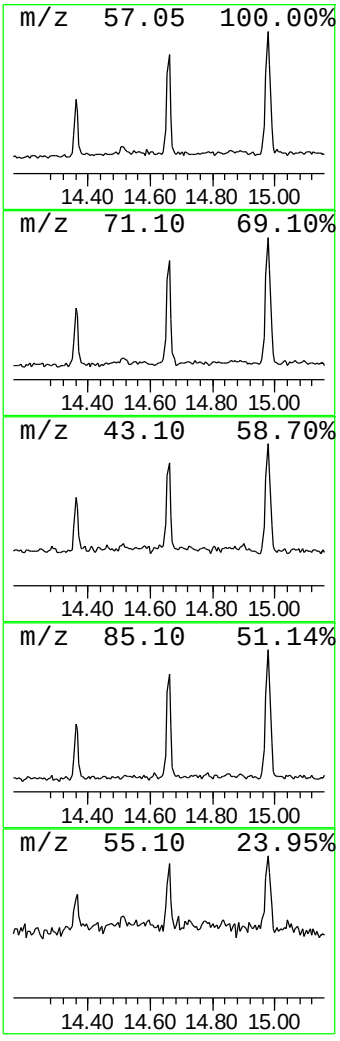
Peak Number 16 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.18 ng	128459	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane	394	C28H58	000630-02-4	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

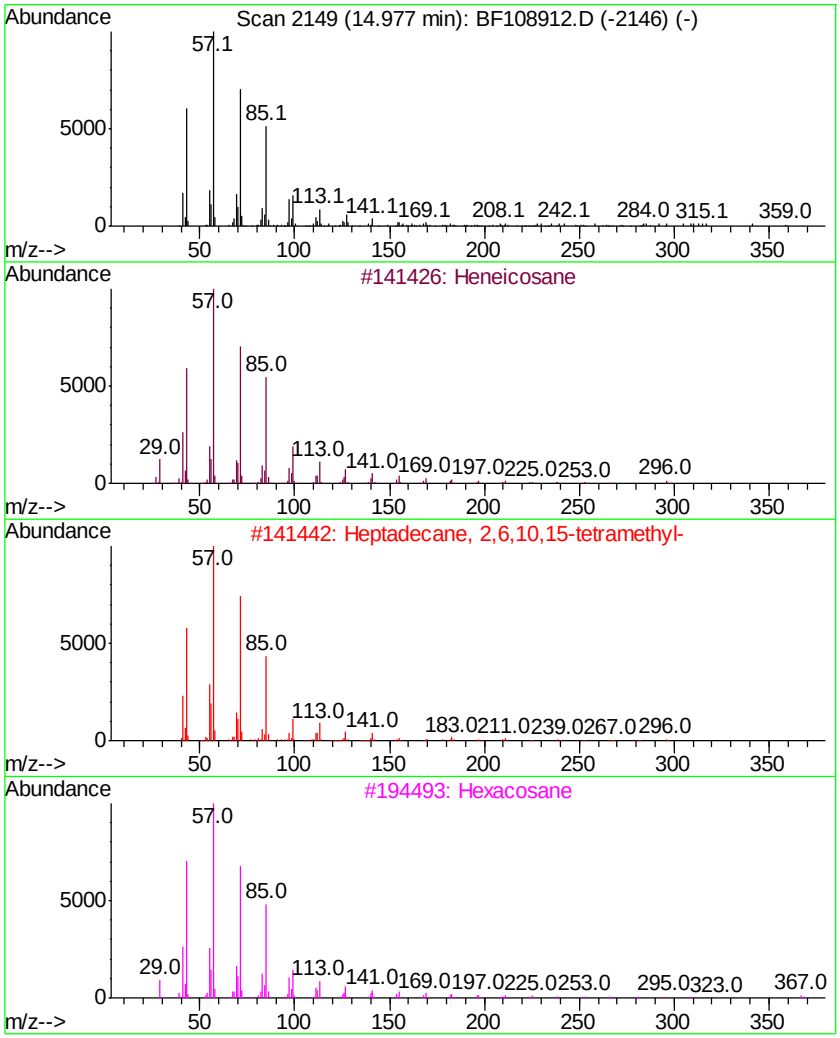
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

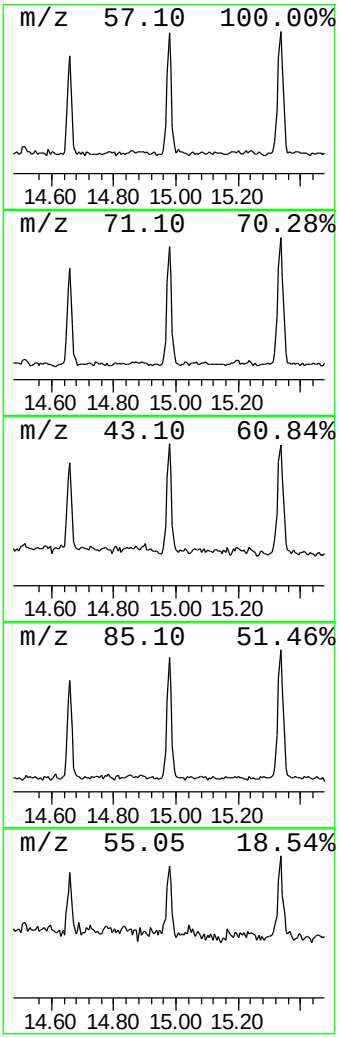
****

Peak Number 17 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.50 ng	181622	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
Data File : BF108912.D
Acq On : 10 Sep 2018 23:52
Operator : JU/SJ
Sample : J4827-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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...	4.92	2.9	ng	154750	1	6.74	1067410	20.0
Cyclohexanamine, ...	6.48	24.2	ng	1290600	1	6.74	1067410	20.0
unknown6.52	6.52	57.1	ng	3050280	1	6.74	1067410	20.0
unknown7.86	7.86	2.4	ng	146837	2	8.02	1240580	20.0
unknown8.09	8.09	2.1	ng	131894	2	8.02	1240580	20.0
Naphthalene, 1-(2...	10.38	5.6	ng	342329	3	9.77	1230500	20.0
unknown10.65	10.65	2.2	ng	111852	4	11.25	996533	20.0
4,4'-Dimethylbiph...	10.90	3.5	ng	172797	4	11.25	996533	20.0
1,1'-Biphenyl, 3,...	11.00	3.4	ng	168201	4	11.25	996533	20.0
unknown11.10	11.10	2.3	ng	115214	4	11.25	996533	20.0
2,3-Dihydro-1-oxo...	11.36	4.0	ng	196577	4	11.25	996533	20.0
1H-Phenalen-1-one	11.80	8.3	ng	413036	4	11.25	996533	20.0
Octadecanoic acid	12.57	3.0	ng	172347	5	13.88	1146730	20.0
Heptadecane	14.66	3.2	ng	128459	6	15.28	807690	20.0
Heneicosane	14.98	4.5	ng	181622	6	15.28	807690	20.0