LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091062.D
Acq On : 7 Nov 2016 18:06
Operator : UM/SJ
Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

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:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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	1.755	5	6	52	rVB	1376540	4265066	80.87%	6.610%
2	4.830	271	275	284	rBV	602879	1211697	22.97%	1.878%
3	5.264	310	313	316	rBV	4001560	5027775	95.33%	7.792%
4	6.327	403	406	409	rBV	4035833	5274212	100.00%	8.174%
5	6.442	413	416	418	rBV	4832174	5265449	99.83%	8.161%
6	6.670	434	436	438	rBV	1164061	1128704	21.40%	1.749%
7	6.830	447	450	452	rBV	3139971	4099047	77.72%	6.353%
8	7.242	483	486	488	rBV	3113126	3338494	63.30%	5.174%
9	7.356	494	496	502	rVB	40575	65470	1.24%	0.101%
10	7.950	546	548	551	rBV	1312718	1642395	31.14%	2.545%
11	9.036	640	643	646	rBV	4670483	5236468	99.28%	8.116%
12	9.436	676	678	680	rBV	1115167	930157	17.64%	1.442%
13	9.653	695	697	699	rBV	88805	76207	1.44%	0.118%
14	9.711	699	702	704	rBV	2090775	1922790	36.46%	2.980%
15	9.745	704	705	710	rVB	74036	66122	1.25%	0.102%
16	9.916	718	720	722	rBV	65773	56630	1.07%	0.088%
17	10.122	736	738	740	rBV	63135	99544	1.89%	0.154%
18	10.156	740	741	743	rVV	154736	117065	2.22%	0.181%
19	10.259	746	750	753	rVB2	120086	181022	3.43%	0.281%
20	10.419	762	764	766	rVB2	35177	53427	1.01%	0.083%
21	10.499	768	771	774	rBV	3068043	3272291	62.04%	5.072%
22	10.625	780	782	785	rBV	181998	225837	4.28%	0.350%
23	10.785	794	796	797	rBV	49988	54904	1.04%	0.085%
24	10.956	806	811	813	rBV3	31373	85066	1.61%	0.132%
25	11.048	817	819	820	rBV	43655	56555	1.07%	0.088%
26	11.071	820	821	827	rVB2	162513	306122	5.80%	0.474%
27	11.196	829	832	833	rBV	1120275	2252941	42.72%	3.492%
28	11.265	836	838	840	rVB	522288	474168	8.99%	0.735%
29	11.425	850	852	856	rVB	325762	401368	7.61%	0.622%
30	11.505	856	859	861	rBV2	112586	174014	3.30%	0.270%
31	11.688	873	875	876	rBV	120055	117677	2.23%	0.182%
32	11.722	876	878	880	rVV	153966	167586	3.18%	0.260%
33	11.768	880	882	883	rVV	142869	136006	2.58%	0.211%
34	11.802	883	885	890	rVB2	255653	398599	7.56%	0.618%

LSC Area Percent Report

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Data File : BF091062.D
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Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

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:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.905	893	894	897	rVB	113451	102766	1.95%	0.159%
36	11.985	899	901	906	rVB2	144756	178053	3.38%	0.276%
37	12.191	916	919	921	rVB2	32821	53842	1.02%	0.083%
38	12.236	921	923	925	rBV2	74231	124010	2.35%	0.192%
39	12.294	926	928	930	rVV2	89283	102196	1.94%	0.158%
40	12.397	935	937	940	rBV	1748096	1606073	30.45%	2.489%
41	12.545	948	950	952	rBV	64451	86420	1.64%	0.134%
42	12.625	954	957	959	rVV	1516988	1598210	30.30%	2.477%
43	12.671	959	961	964	rVV3	73821	149731	2.84%	0.232%
44	12.785	968	971	973	rVV	3495126	4833874	91.65%	7.492%
45	12.842	973	976	978	rVV2	64147	137828	2.61%	0.214%
46	12.957	982	986	988	rVB	161239	214505	4.07%	0.332%
47	13.025	990	992	993	rVV	162443	163323	3.10%	0.253%
48	13.059	993	995	1001	rVB2	100531	150129	2.85%	0.233%
49	13.185	1004	1006	1007	rBV	38140	55425	1.05%	0.086%
50	13.357	1019	1021	1027	rVB3	61249	150478	2.85%	0.233%
51	13.574	1037	1040	1041	rBV	72202	106246	2.01%	0.165%
52	13.677	1047	1049	1053	rVB	169294	272212	5.16%	0.422%
53	13.825	1058	1062	1068	rBV2	1317906	2323052	44.05%	3.600%
54	13.928	1069	1071	1073	rVB	96128	93274	1.77%	0.145%
55	14.008	1076	1078	1081	rBV3	39936	80149	1.52%	0.124%
56	14.214	1094	1096	1097	rVB	56569	57547	1.09%	0.089%
57	14.317	1102	1105	1107	rBV4	83385	170069	3.22%	0.264%
58	14.671	1134	1136	1141	rVB2	76281	101178	1.92%	0.157%
59	14.820	1147	1149	1154	rBV	426016	834188	15.82%	1.293%
60	14.911	1155	1157	1160	rVB2	73082	123745	2.35%	0.192%
61	15.094	1170	1173	1176	rVB	202082	279815	5.31%	0.434%
62	15.151	1176	1178	1180	rVB	306151	419213	7.95%	0.650%
63	15.208	1180	1183	1185	rBV	787005	1142224	21.66%	1.770%
64	15.814	1234	1236	1243	rVB3	79442	165371	3.14%	0.256%
65	16.500	1293	1296	1300	rVB	145433	258047	4.89%	0.400%
66	16.888	1327	1330	1335	rBV	98640	207649	3.94%	0.322%

Sum of corrected areas: 64521717

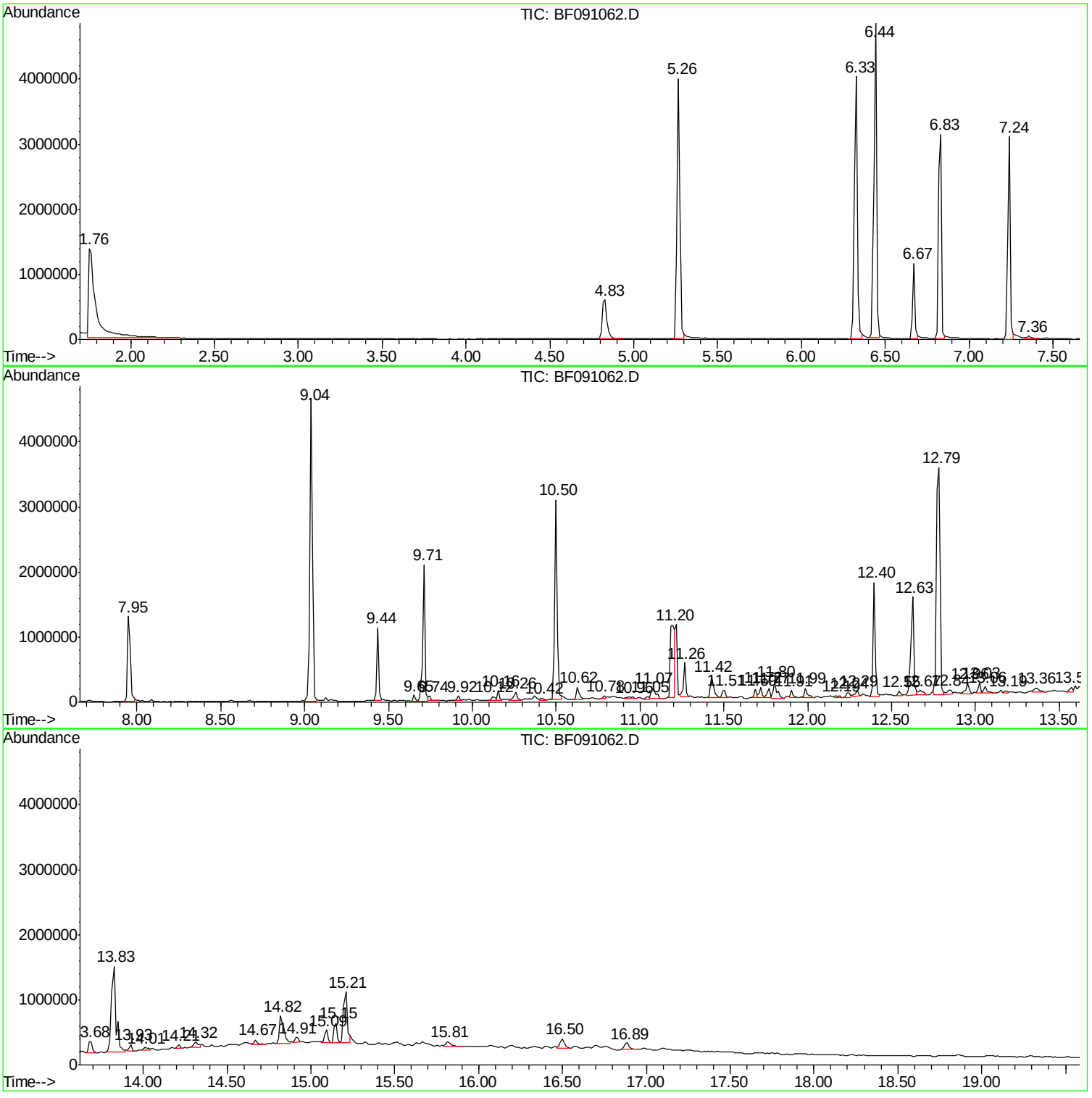
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091062.D
Acq On : 7 Nov 2016 18:06
Operator : UM/SJ
Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

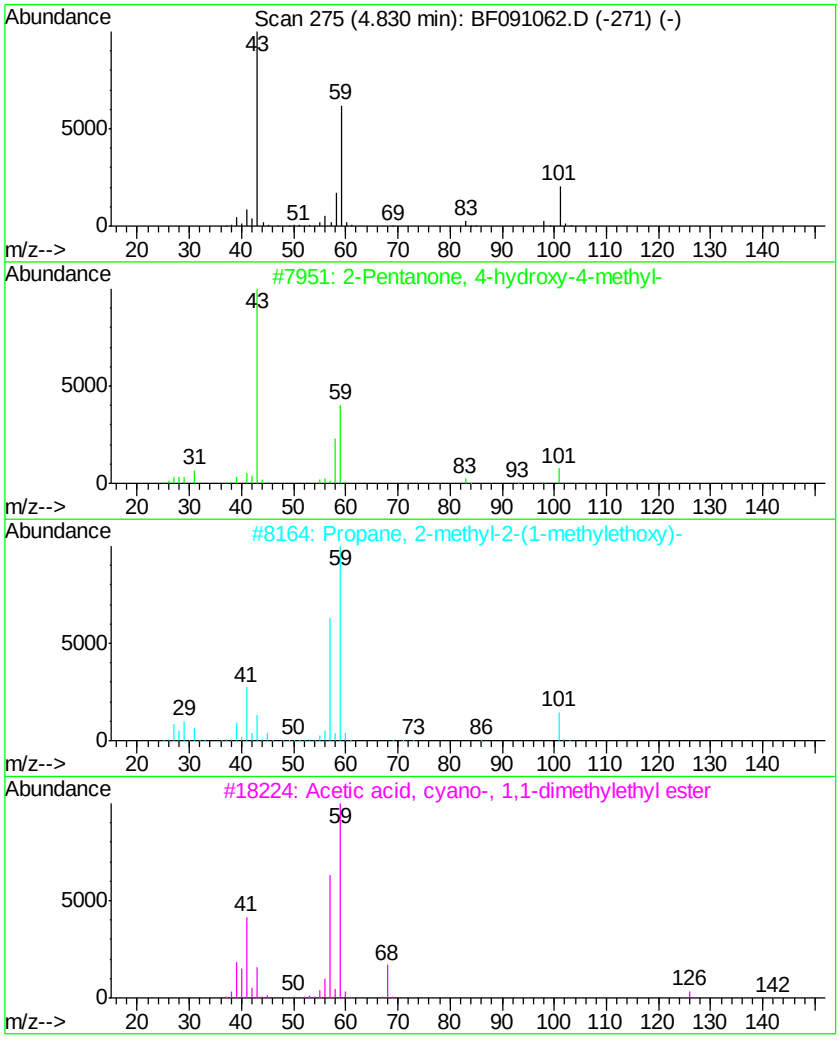
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

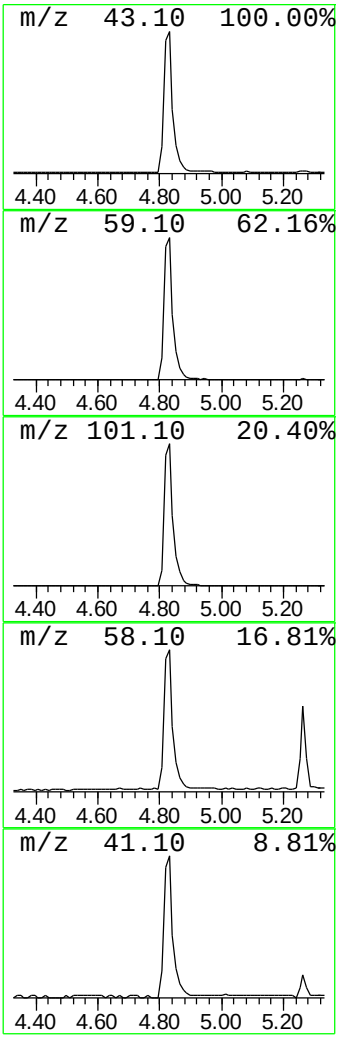
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	21.47 ng	1211700	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
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	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091062.D
Acq On : 7 Nov 2016 18:06
Operator : UM/SJ
Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

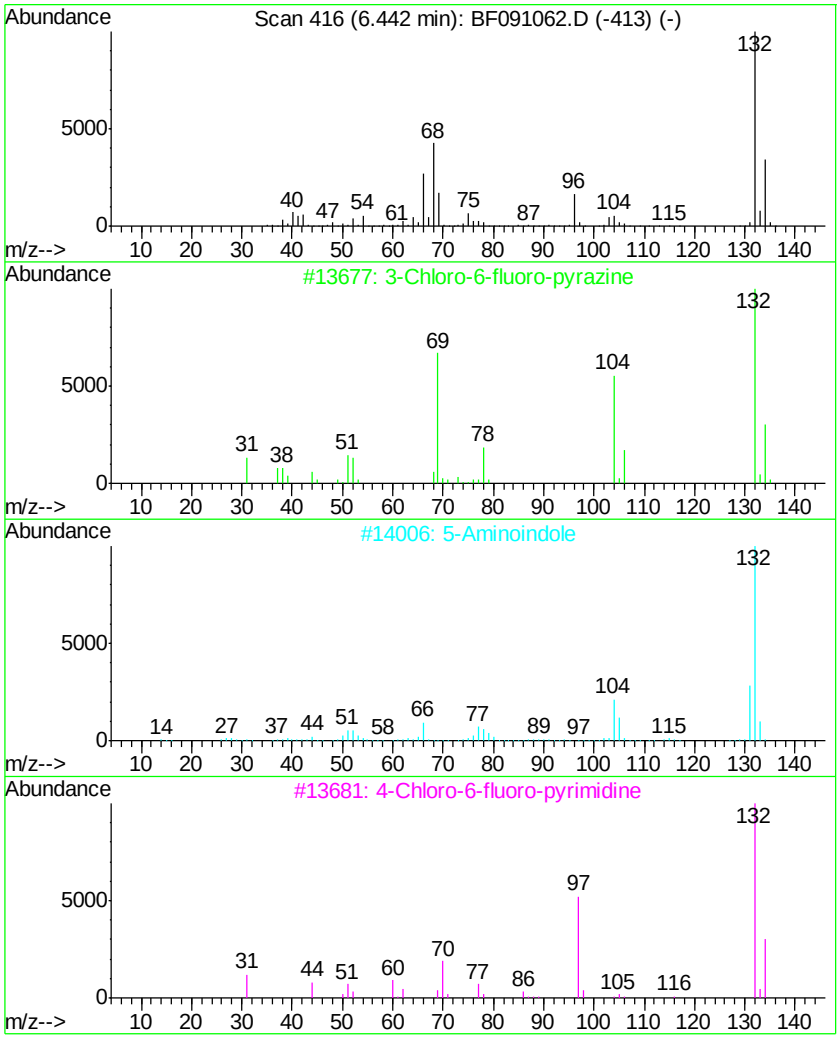
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

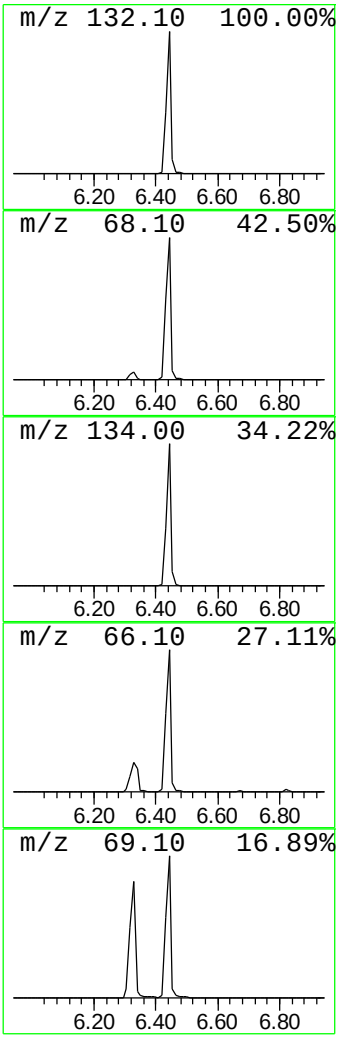
****

Peak Number 3 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	93.30 ng	5265450	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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Sample : H5539-11
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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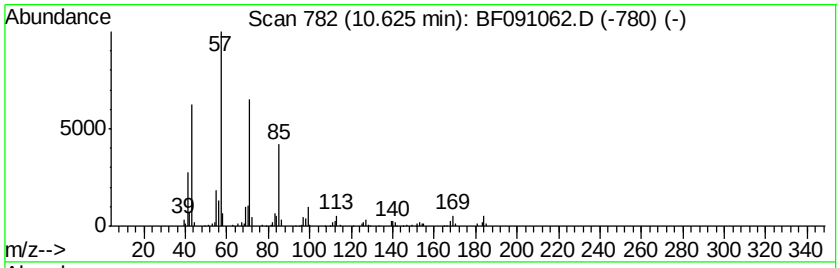
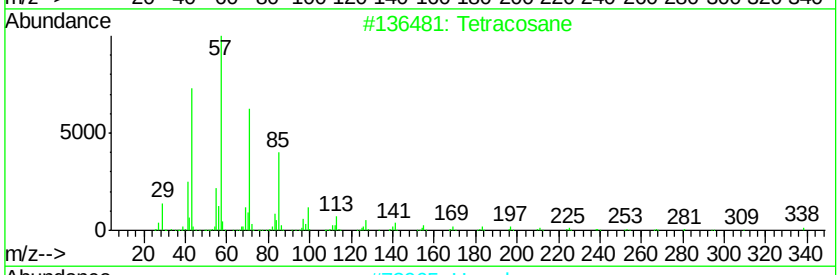
****

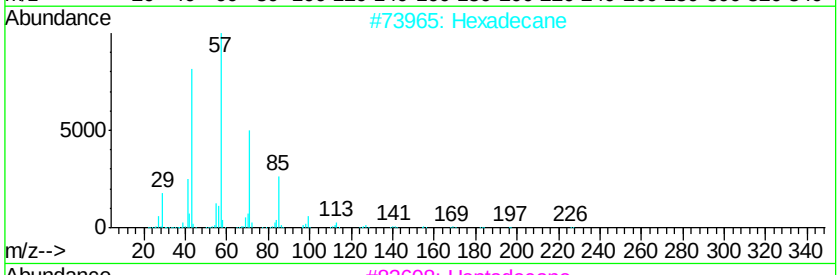
Peak Number 5 Tetracosane Concentration Rank 11

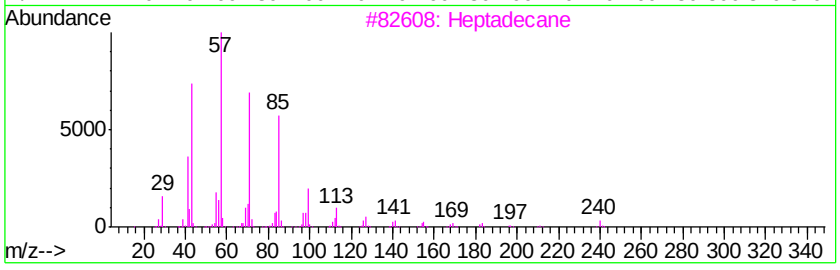
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.00 ng	225837	Phenanthrene-d10	11.20

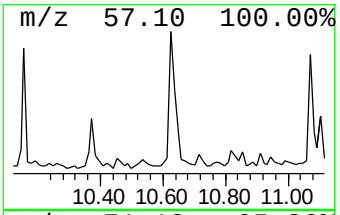
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Heneicosane	296	C21H44	000629-94-7	86

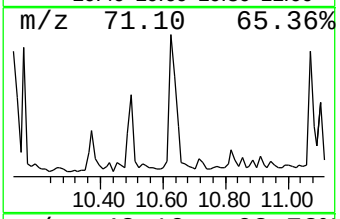


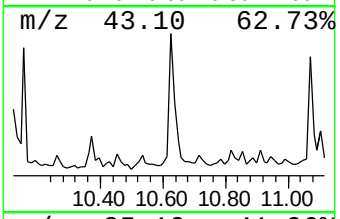


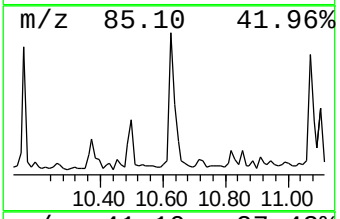


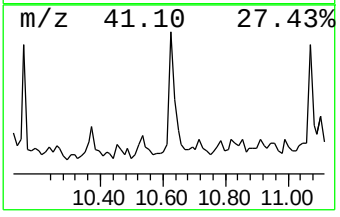












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Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

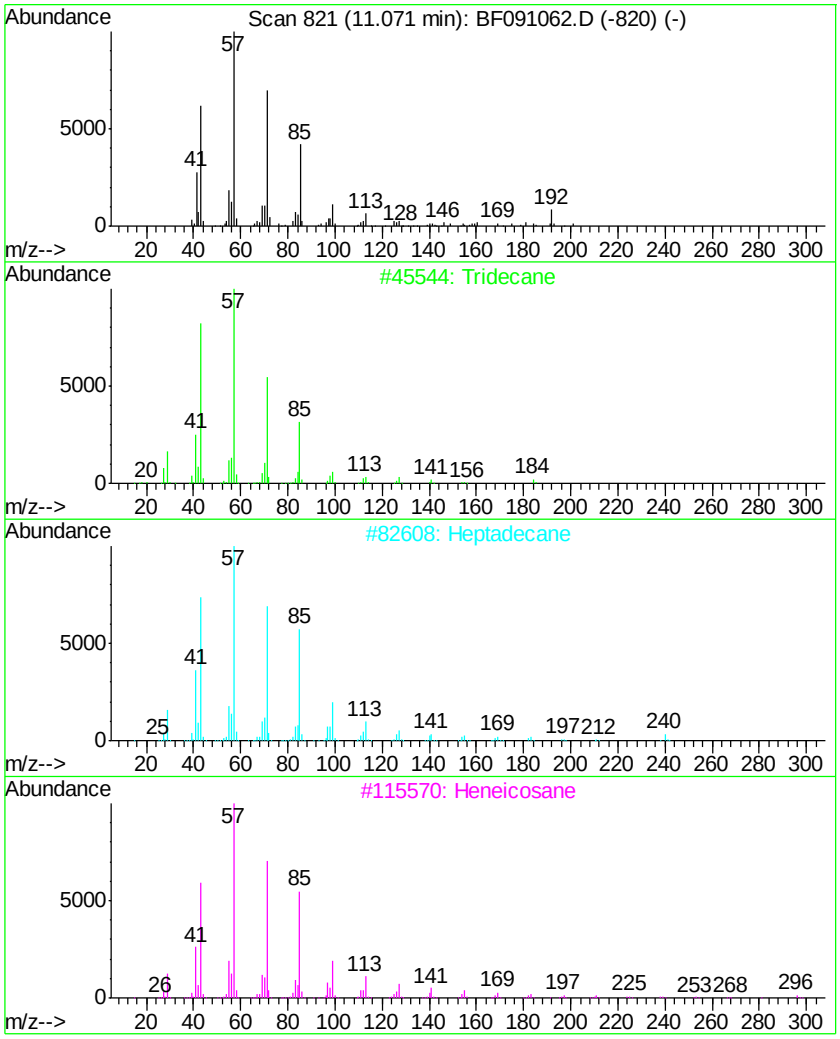
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

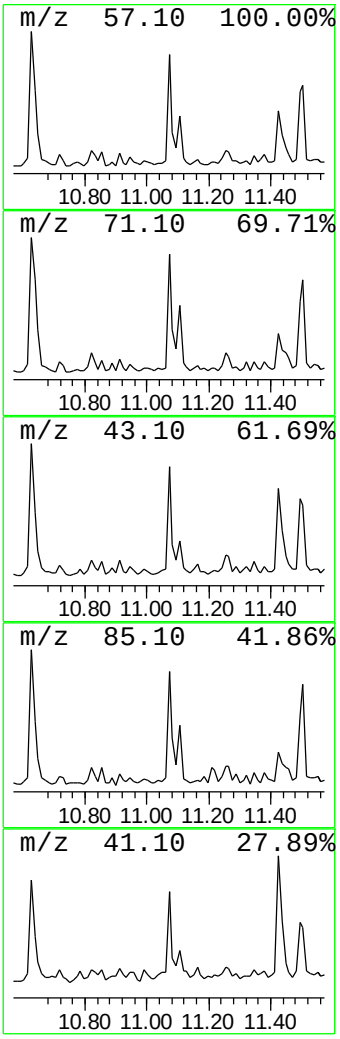
****

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.72 ng	306122	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetracosane	338	C24H50	000646-31-1	86





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Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

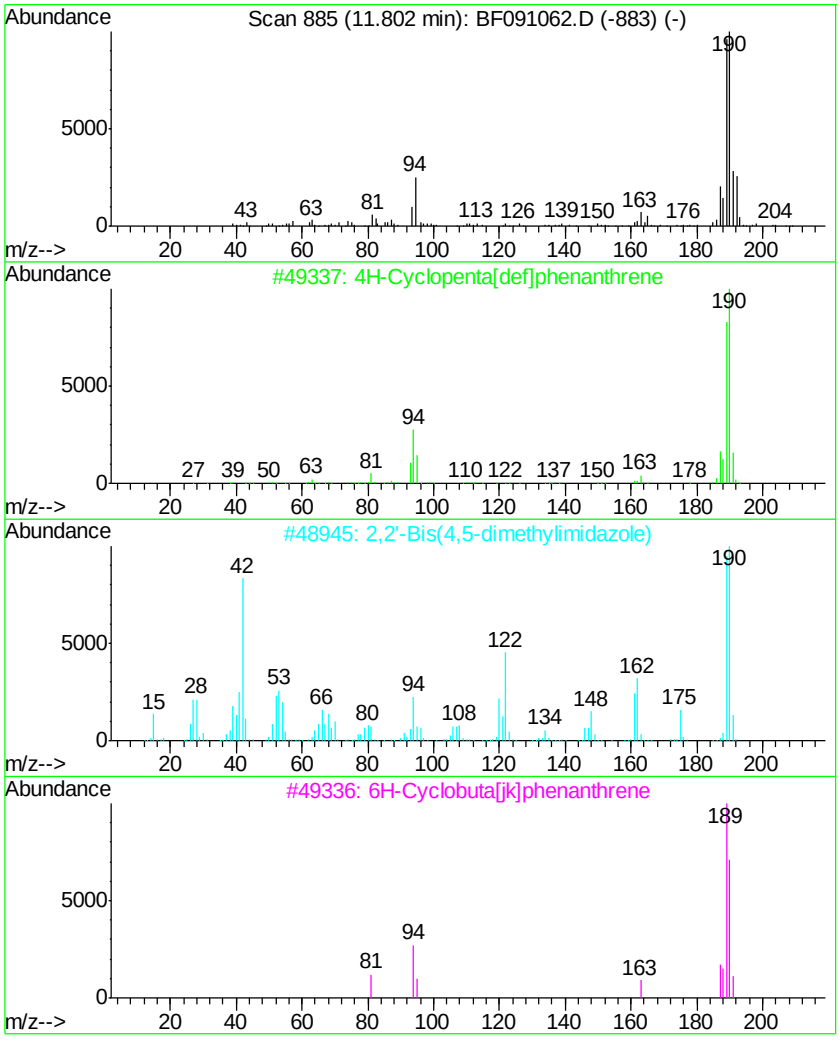
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

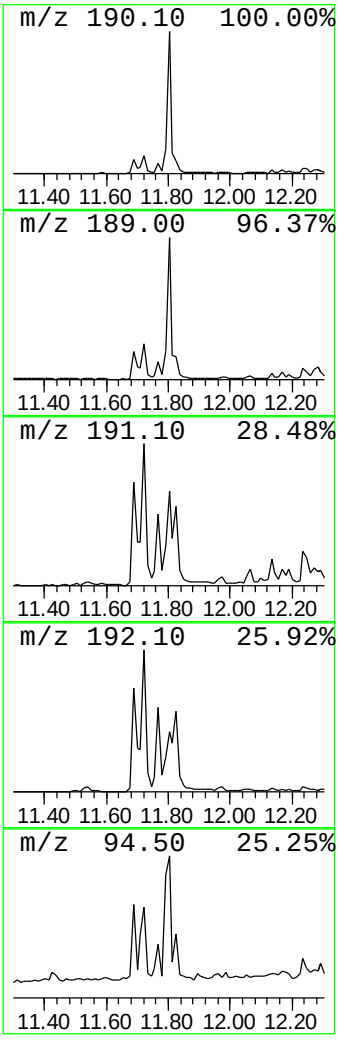
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.54 ng	398599	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091062.D
Acq On : 7 Nov 2016 18:06
Operator : UM/SJ
Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

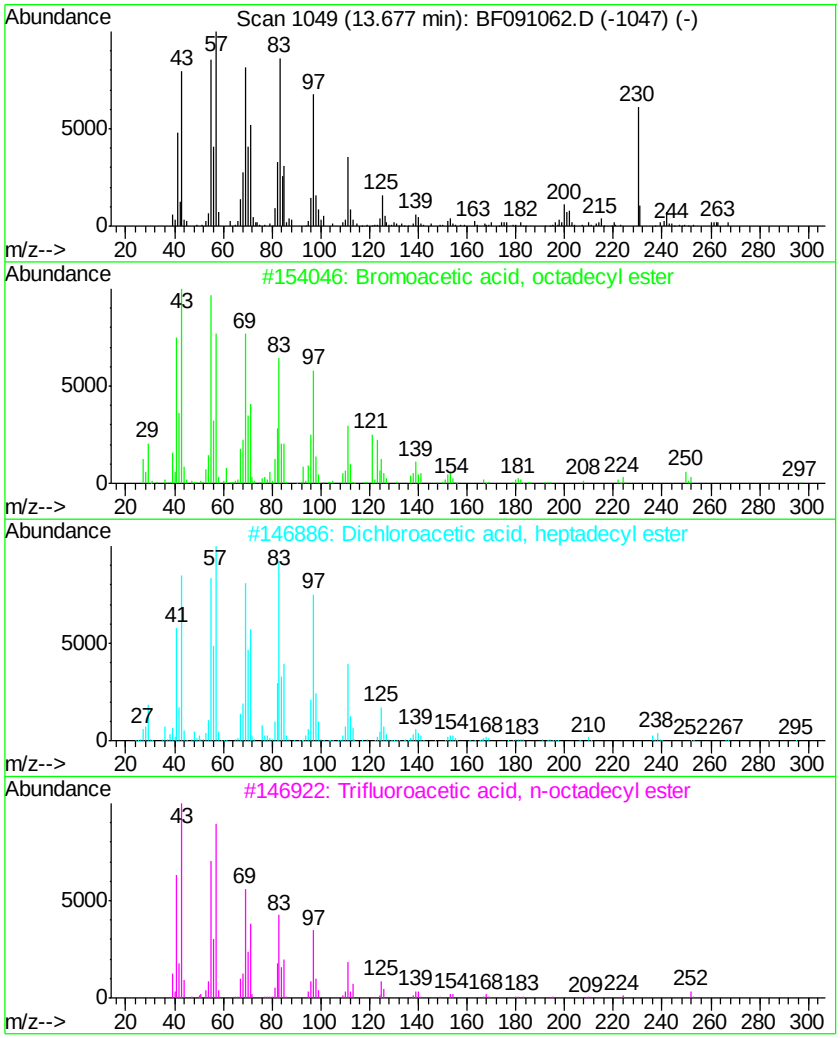
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

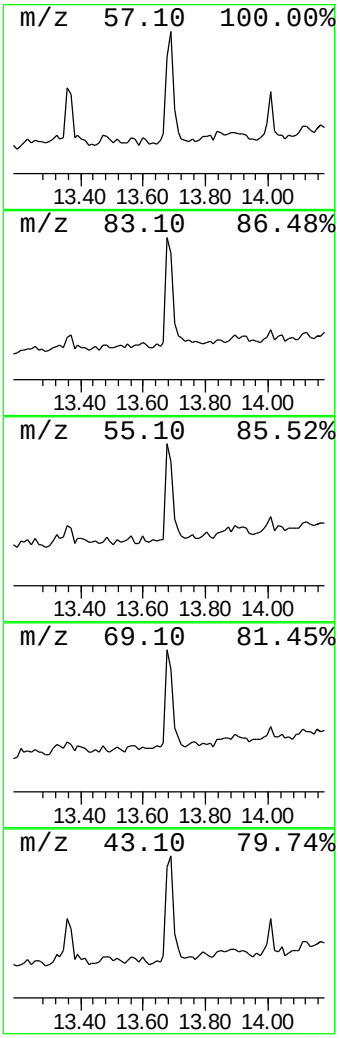
****

Peak Number 8 Bromoacetic acid, octadecyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.34 ng	272212	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091062.D
Acq On : 7 Nov 2016 18:06
Operator : UM/SJ
Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

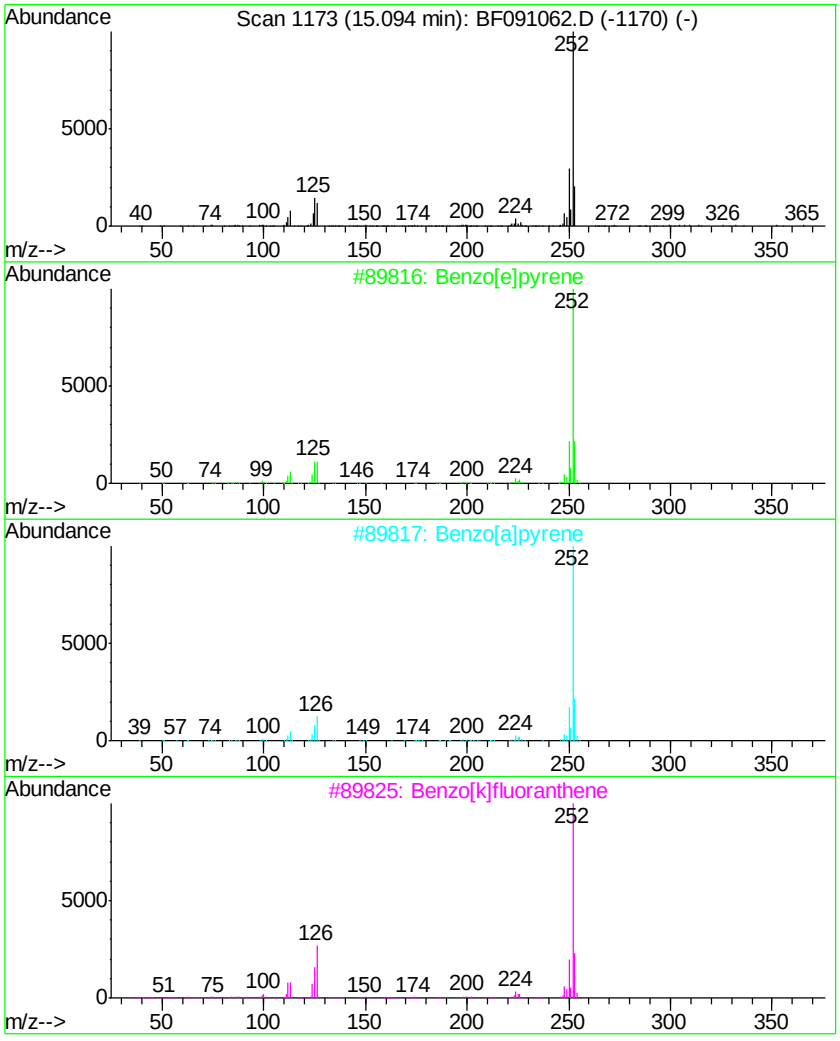
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

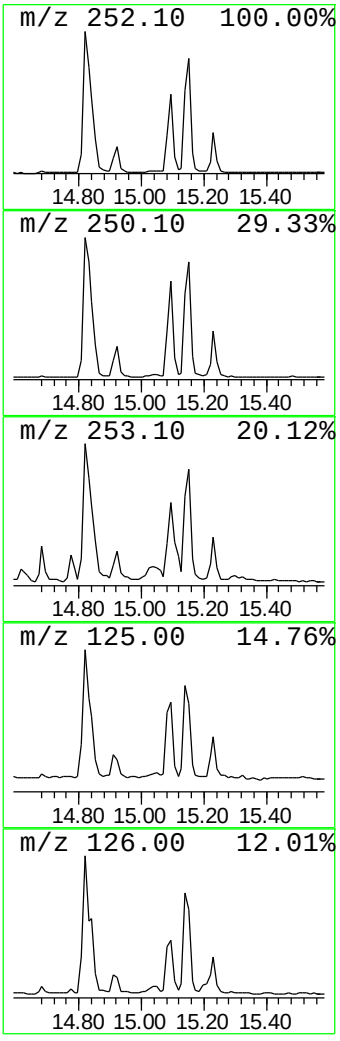
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.90 ng	279815	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091062.D
Acq On : 7 Nov 2016 18:06
Operator : UM/SJ
Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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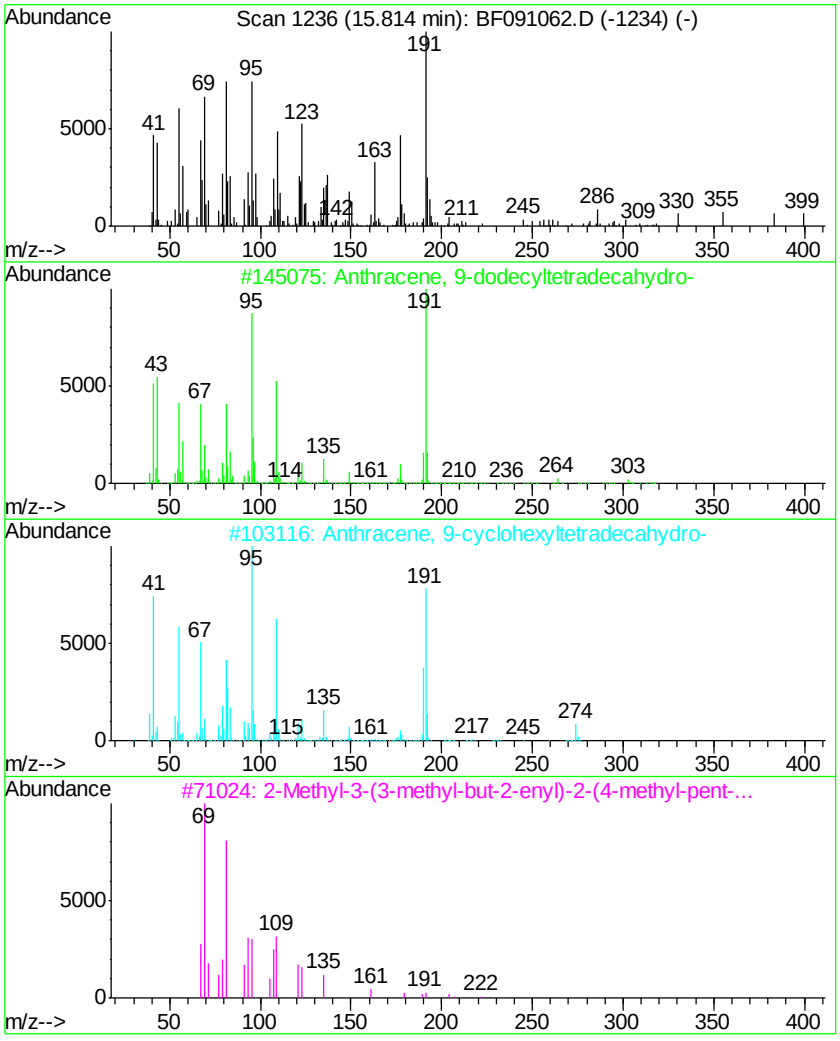
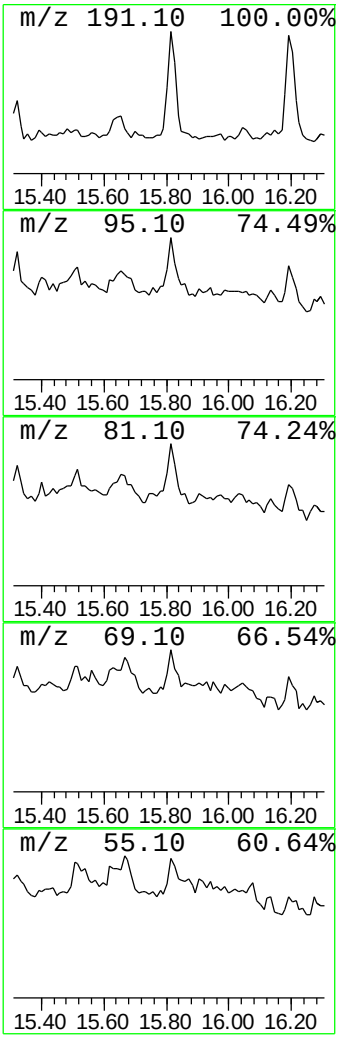
Peak Number 11 unknown15.81 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.90 ng	165371	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
3	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	35
4	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	35
5	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091062.D
Acq On : 7 Nov 2016 18:06
Operator : UM/SJ
Sample : H5539-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF018-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	21.5	ng	1211700	1	6.67	1128700	20.0
unknown6.44	6.44	93.3	ng	5265450	1	6.67	1128700	20.0
Tetracosane	10.62	2.0	ng	225837	4	11.20	2252940	20.0
Tridecane	11.07	2.7	ng	306122	4	11.20	2252940	20.0
4H-Cyclopenta[def...	11.80	3.5	ng	398599	4	11.20	2252940	20.0
Bromoacetic acid,...	13.68	2.3	ng	272212	5	13.83	2323050	20.0
Benzo[e]pyrene	15.09	4.9	ng	279815	6	15.21	1142220	20.0
unknown15.81	15.81	2.9	ng	165371	6	15.21	1142220	20.0