LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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	4.739	265	267	286	rBV	529038	853358	21.30%	2.280%
2	5.196	305	307	328	rBV	2655726	3000931	74.91%	8.019%
3	6.270	398	401	403	rBV	2541732	3125508	78.02%	8.352%
4	6.373	408	410	413	rBV	2644526	2911023	72.67%	7.779%
5	6.613	429	431	442	rBV	518565	872486	21.78%	2.332%
6	6.762	442	444	454	rVV	2639655	2412663	60.23%	6.447%
7	7.185	479	481	483	rBV	1670312	1860392	46.44%	4.972%
8	7.893	541	543	556	rBV	1202188	1243328	31.04%	3.323%
9	8.979	635	638	640	rBV	3844563	3775156	94.24%	10.088%
10	9.379	671	673	677	rBV	204070	192889	4.82%	0.515%
11	9.596	690	692	694	rBV	55301	55211	1.38%	0.148%
12	9.642	694	696	698	rVV	1564579	1387785	34.64%	3.709%
13	9.676	698	699	705	rVB	36926	49319	1.23%	0.132%
14	9.859	708	715	717	rBV6	18315	56562	1.41%	0.151%
15	10.088	730	735	738	rBV2	84361	122867	3.07%	0.328%
16	10.305	752	754	757	rVB	38269	46608	1.16%	0.125%
17	10.431	763	765	768	rBV	1906225	2276090	56.82%	6.082%
18	10.568	775	777	784	rBV	92332	171451	4.28%	0.458%
19	10.762	790	794	798	rBV6	24013	76089	1.90%	0.203%
20	11.013	814	816	817	rBV	69516	98311	2.45%	0.263%
21	11.128	824	826	827	rBV	1127183	1360759	33.97%	3.636%
22	11.208	831	833	835	rVB	54601	70614	1.76%	0.189%
23	11.391	843	849	850	rBV5	36191	97394	2.43%	0.260%
24	11.436	850	853	854	rVB2	71324	81899	2.04%	0.219%
25	11.631	868	870	871	rBV	109723	101491	2.53%	0.271%
26	11.654	871	872	875	rVV2	88961	174143	4.35%	0.465%
27	11.734	878	879	885	rVB	180922	280684	7.01%	0.750%
28	11.836	887	888	892	rBV	60981	90843	2.27%	0.243%
29	11.928	892	896	898	rBV	47489	82578	2.06%	0.221%
30	11.962	898	899	904	rVB4	24769	54292	1.36%	0.145%
31	12.111	910	912	916	rBV3	25146	57245	1.43%	0.153%
32	12.179	916	918	919	rBV	82316	87916	2.19%	0.235%
33	12.225	919	922	924	rVB3	51930	101753	2.54%	0.272%
34	12.271	924	926	930	rVB2	58754	99196	2.48%	0.265%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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	12.328	930	931	934	rBV	360482	514860	12.85%	1.376%
36	12.374	934	935	939	rVB2	70666	78763	1.97%	0.210%
37	12.442	939	941	944	rBV3	17008	43070	1.08%	0.115%
38	12.488	944	945	949	rVB3	29156	41926	1.05%	0.112%
39	12.557	949	951	953	rBV	570135	575623	14.37%	1.538%
40	12.705	962	964	967	rBV	2974668	4005813	100.00%	10.705%
41	12.785	969	971	974	rVB2	47122	93557	2.34%	0.250%
42	12.877	977	979	983	rVV	58100	151988	3.79%	0.406%
43	12.957	984	986	988	rVV	78993	118401	2.96%	0.316%
44	13.002	988	990	994	rVV	69832	134103	3.35%	0.358%
45	13.082	996	997	999	rVV	50235	70058	1.75%	0.187%
46	13.117	999	1000	1007	rVB3	58423	122760	3.06%	0.328%
47	13.414	1024	1026	1029	rVB2	28691	40254	1.00%	0.108%
48	13.517	1033	1035	1038	rVB3	23088	45490	1.14%	0.122%
49	13.619	1041	1044	1049	rVB2	188471	260263	6.50%	0.696%
50	13.757	1053	1056	1058	rBV2	1213673	1465343	36.58%	3.916%
51	13.939	1068	1072	1074	rBV2	46079	101380	2.53%	0.271%
52	14.248	1097	1099	1106	rVB5	53980	121180	3.03%	0.324%
53	14.534	1122	1124	1128	rVB3	32823	52787	1.32%	0.141%
54	14.762	1141	1144	1148	rBV	132689	269981	6.74%	0.721%
55	14.831	1148	1150	1151	rVV	54357	55302	1.38%	0.148%
56	14.854	1151	1152	1157	rVB	33180	67709	1.69%	0.181%
57	15.025	1165	1167	1169	rBV	71938	111256	2.78%	0.297%
58	15.071	1169	1171	1173	rVV	100500	150370	3.75%	0.402%
59	15.117	1173	1175	1183	rVB	607181	999984	24.96%	2.672%
60	15.517	1208	1210	1212	rBV	41947	78973	1.97%	0.211%
61	16.065	1255	1258	1263	rVB5	17739	44415	1.11%	0.119%
62	16.397	1285	1287	1293	rBV2	43342	112025	2.80%	0.299%
63	16.774	1317	1320	1324	rBV	40006	95396	2.38%	0.255%
64	18.546	1471	1475	1480	rVB6	25369	68648	1.71%	0.183%

Sum of corrected areas: 37420512

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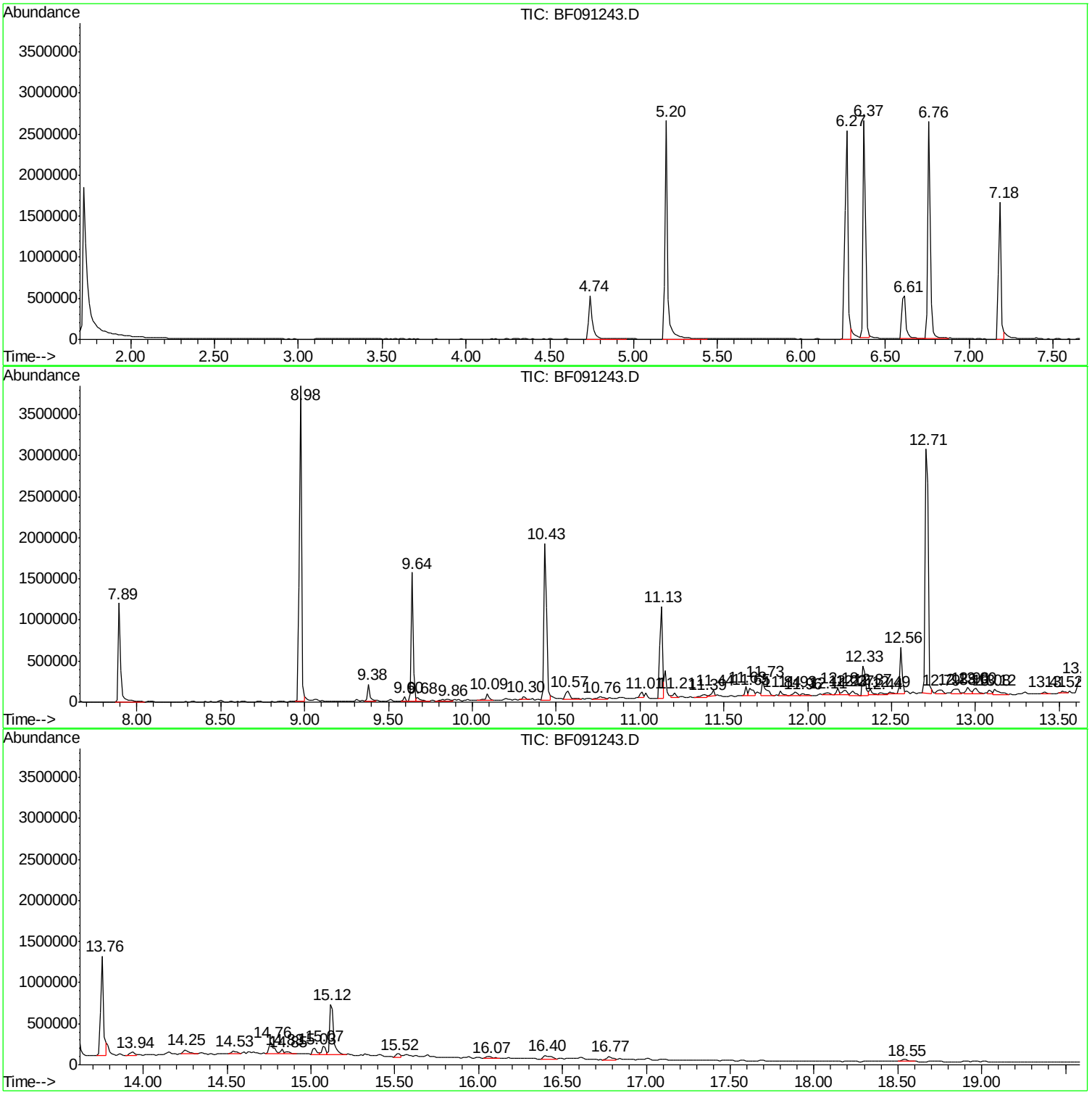
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

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

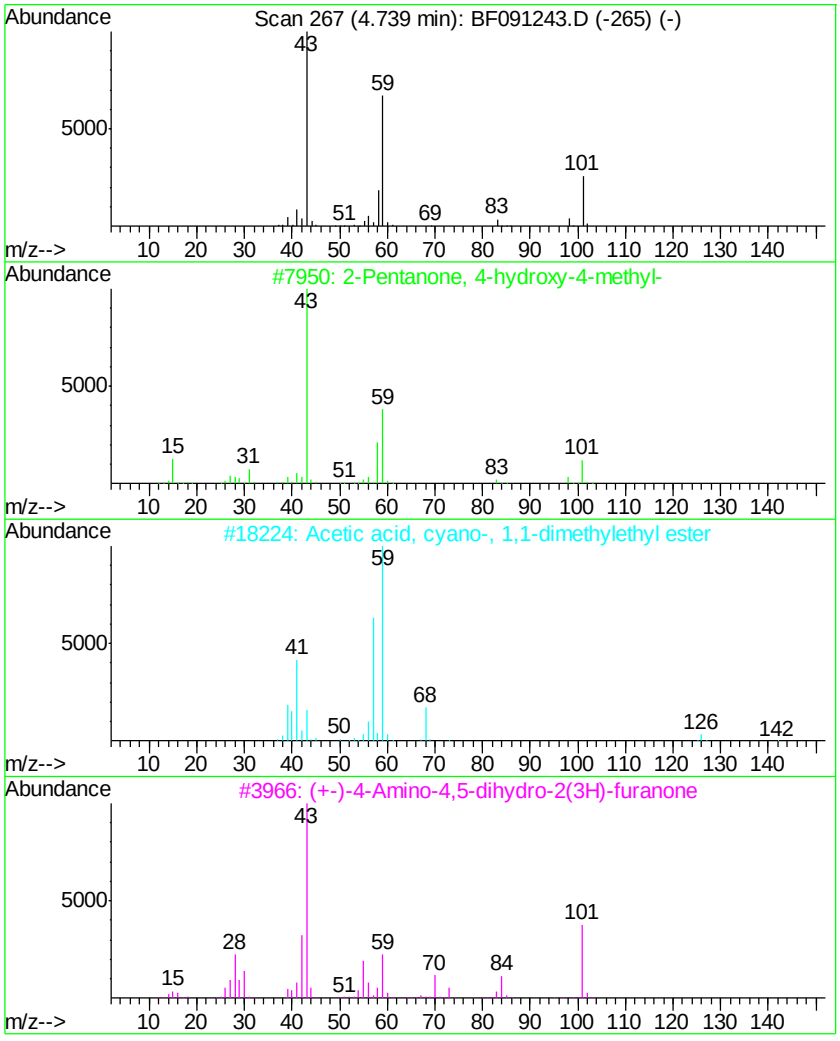
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

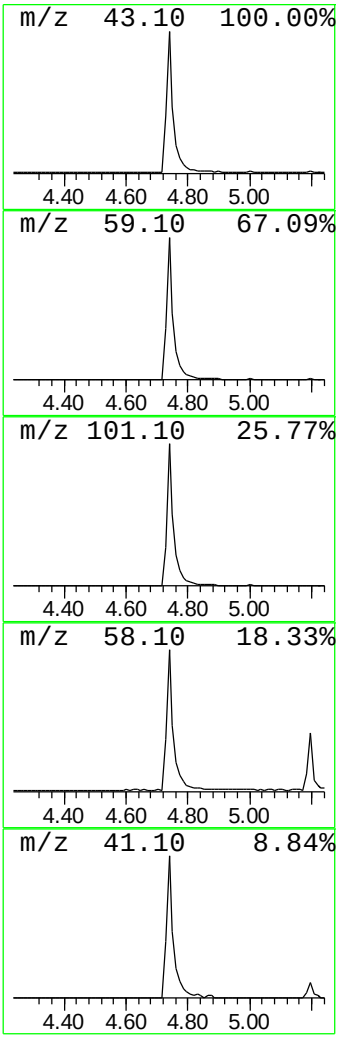
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	19.56 ng	853358	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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

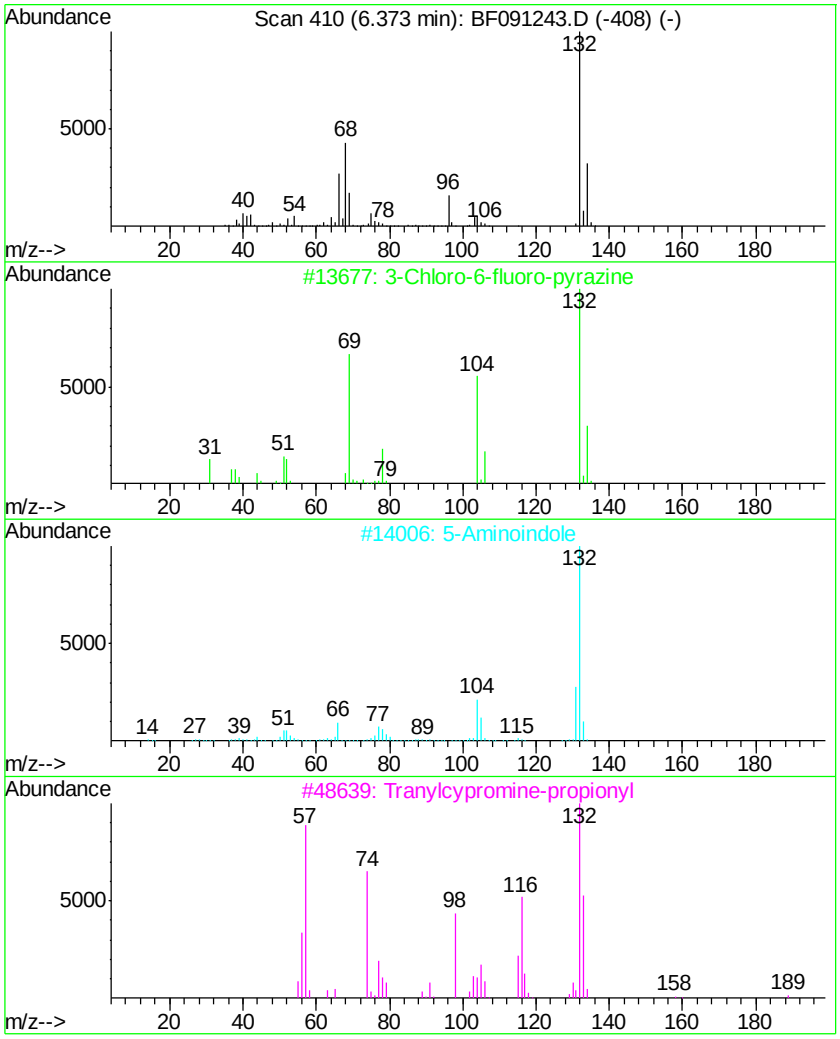
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

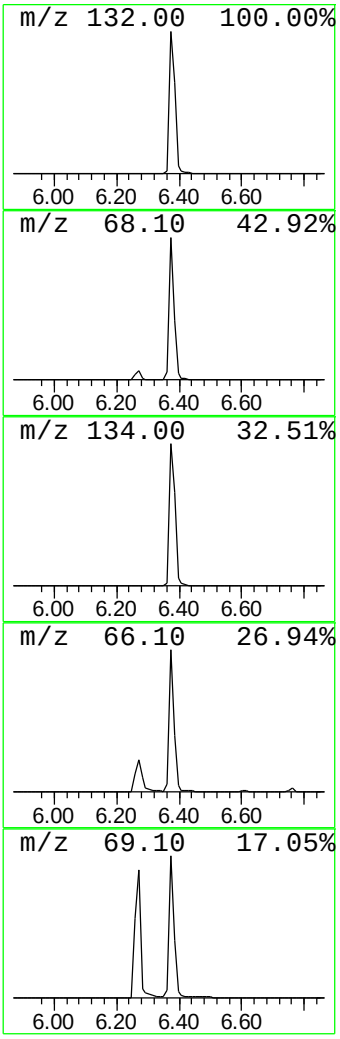
****

Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	66.73 ng	2911020	1,4-Dichlorobenzene-d4	6.61

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
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Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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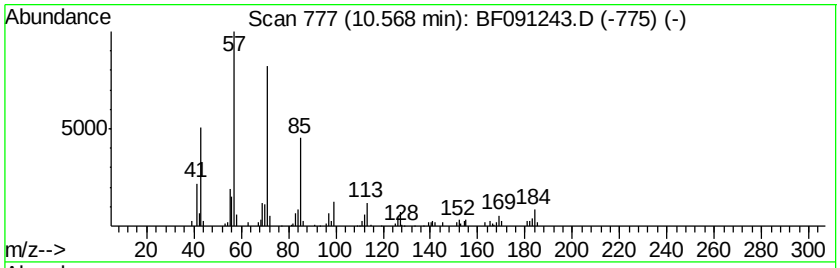
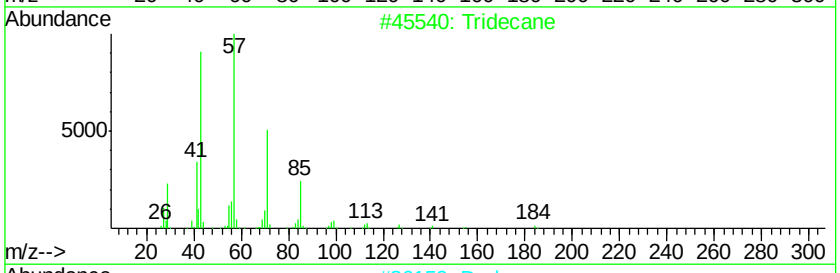
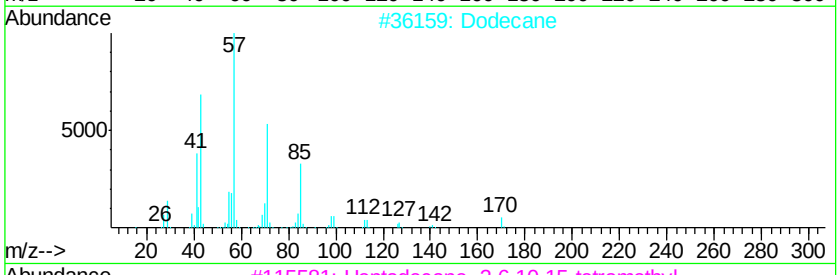
Peak Number 4 Tridecane Concentration Rank 7

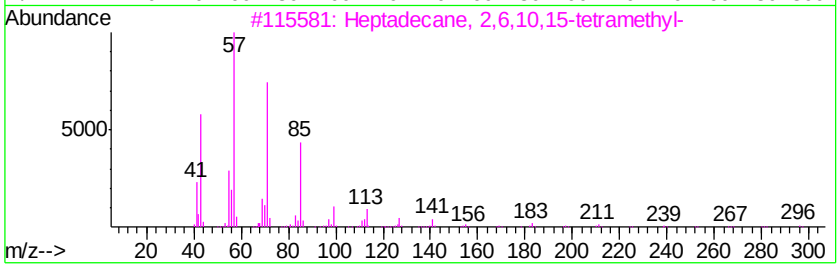
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.52 ng	171451	Phenanthrene-d10	11.13

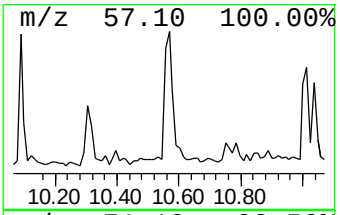
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane	170	C12H26	000112-40-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86

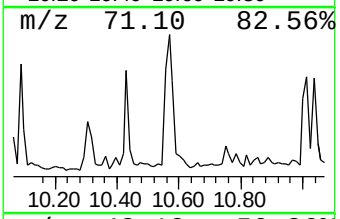


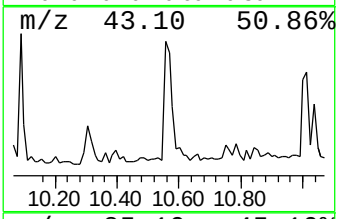


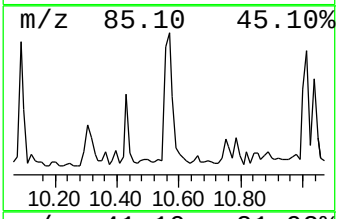


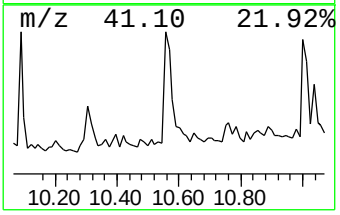












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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

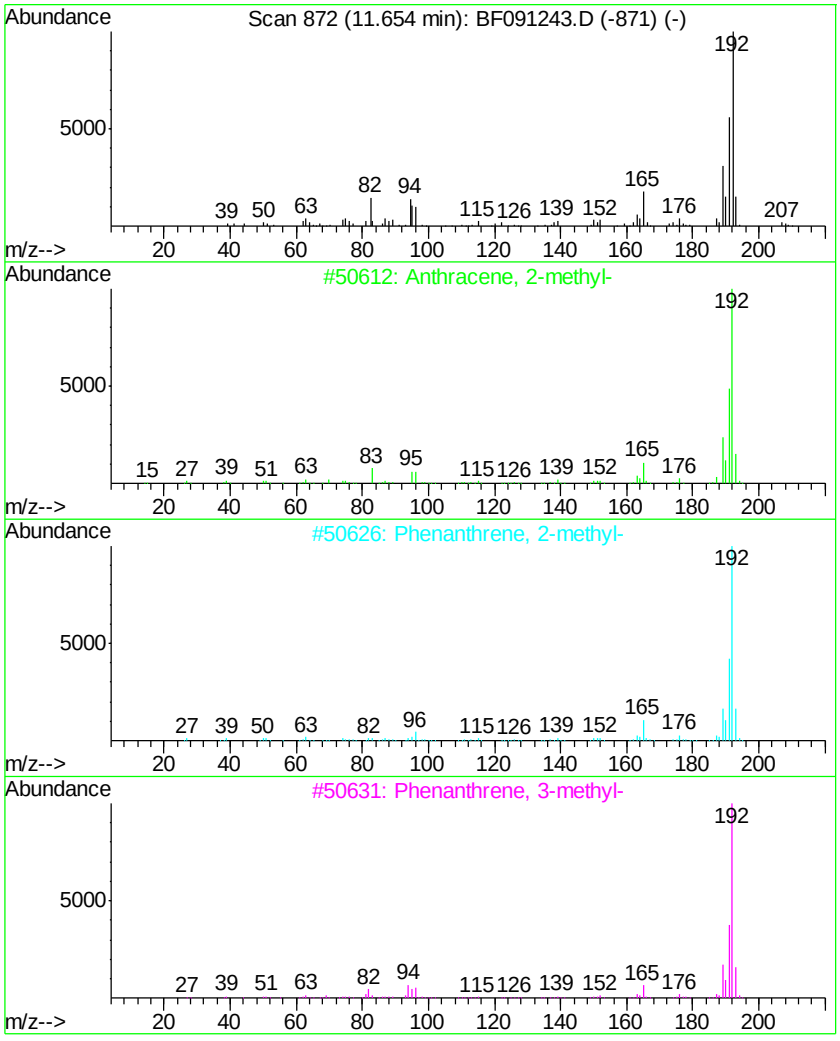
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

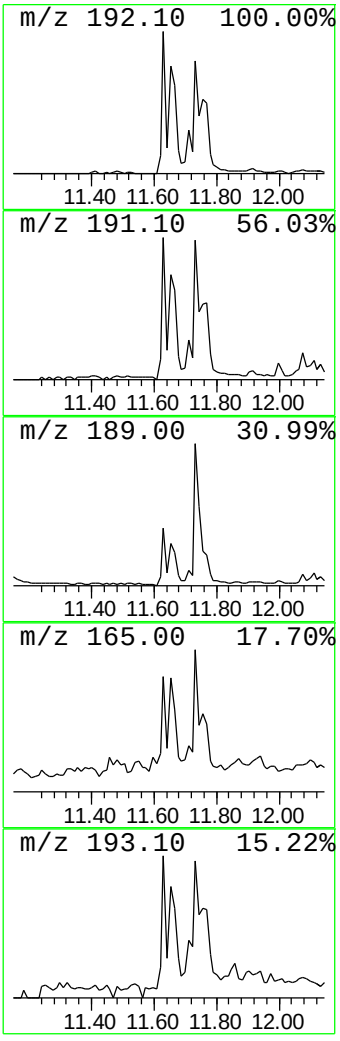
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.56 ng	174143	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
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Acq On : 18 Nov 2016 19:56
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Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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

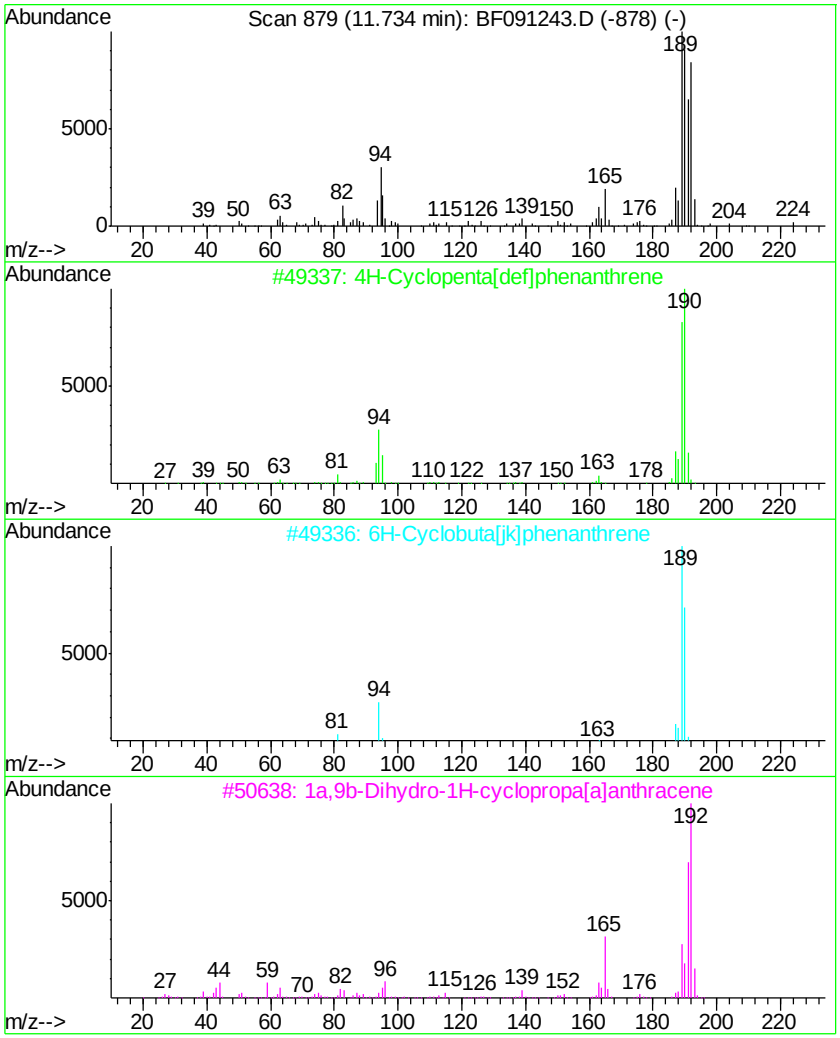
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

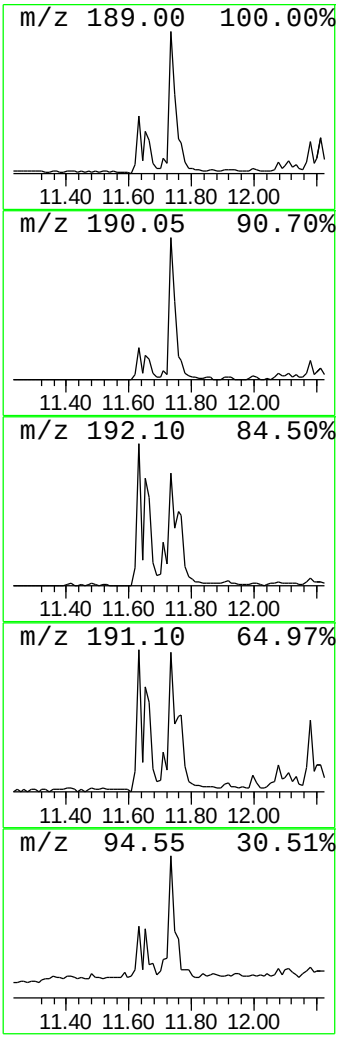
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.13 ng	280684	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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

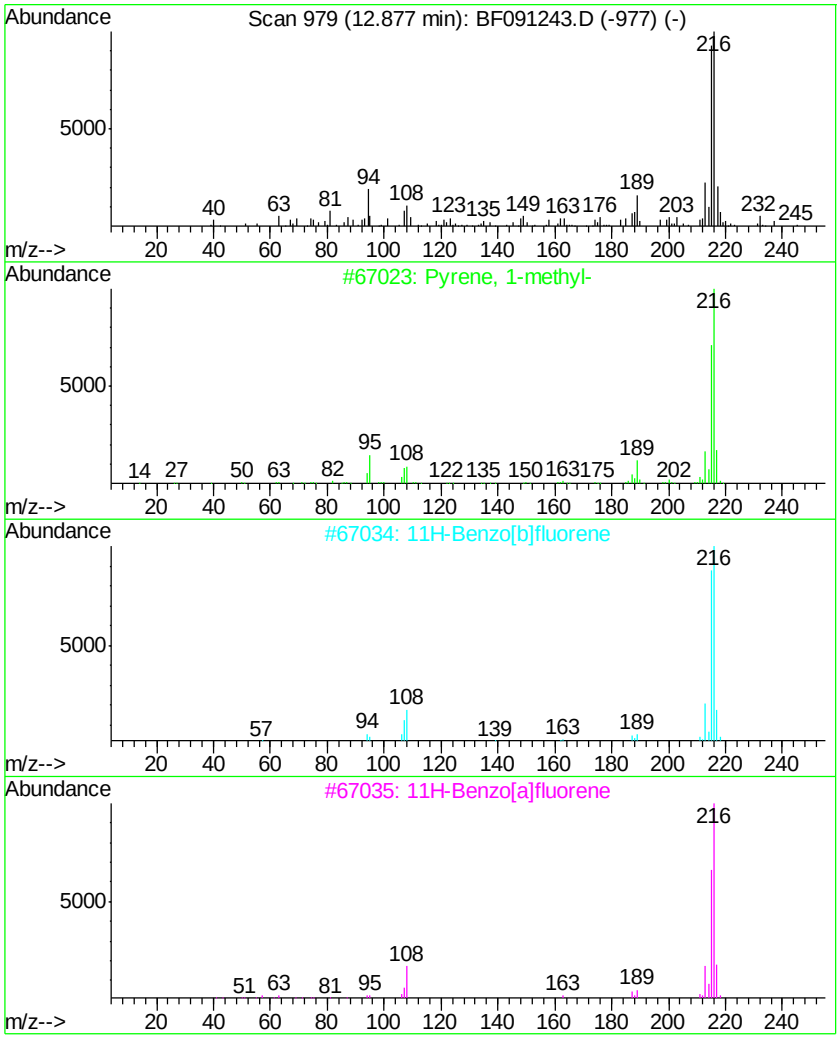
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

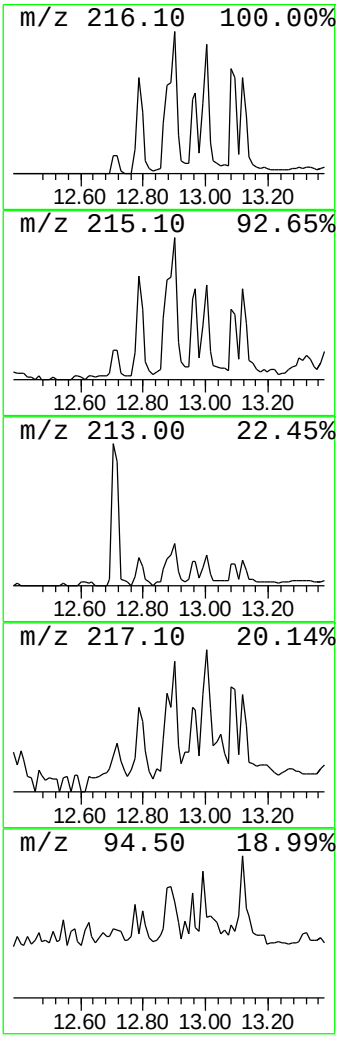
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	2.07 ng	151988	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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

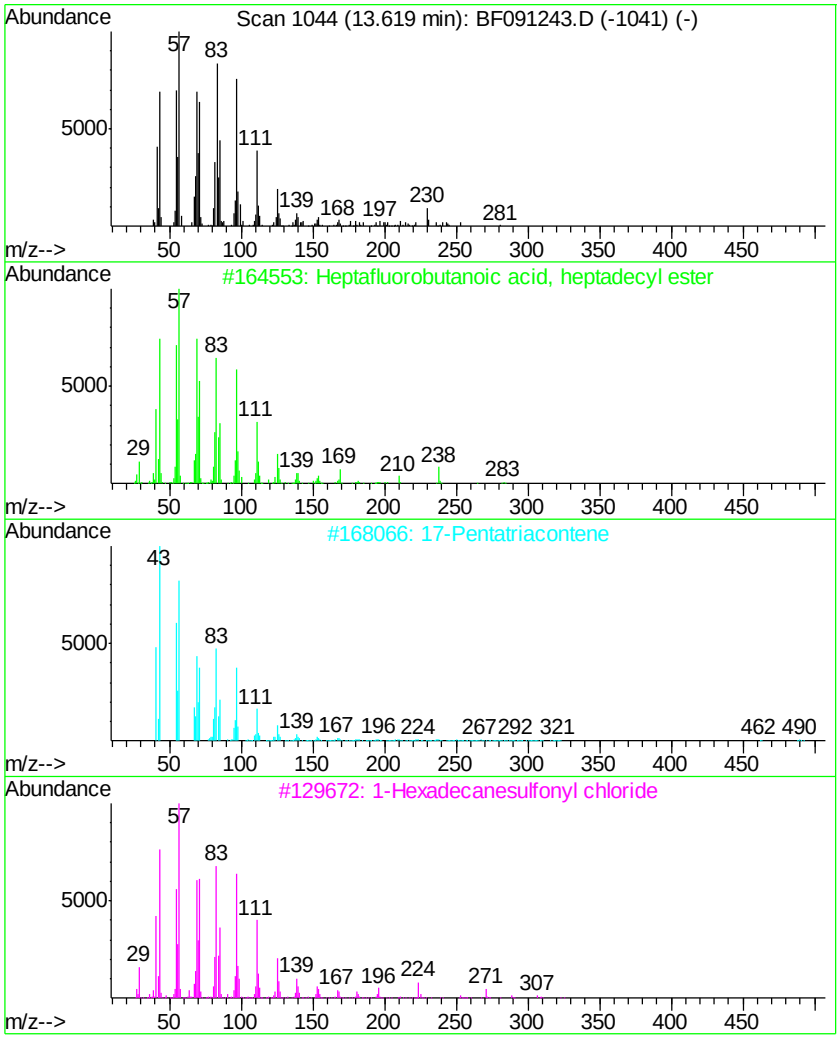
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

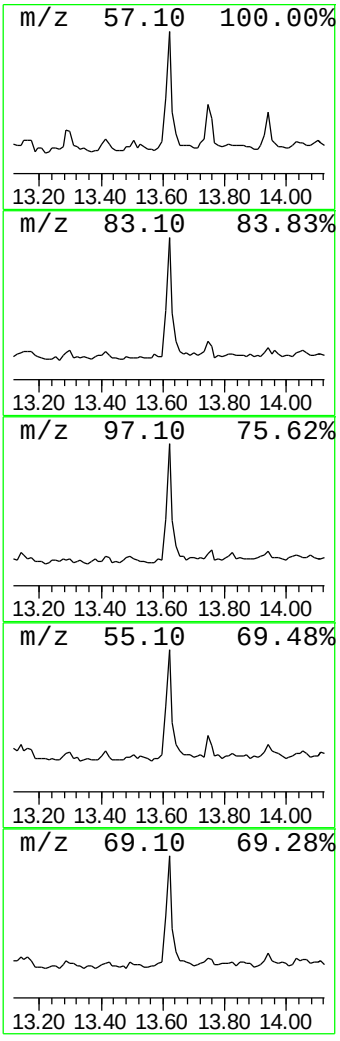
****

Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.55 ng	260263	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Cycloeicosane	280	C20H40	000296-56-0	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

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...	4.74	19.6	ng	853358	1	6.61	872486	20.0
unknown6.37	6.37	66.7	ng	2911020	1	6.61	872486	20.0
Tridecane	10.57	2.5	ng	171451	4	11.13	1360760	20.0
Anthracene, 2-met...	11.65	2.6	ng	174143	4	11.13	1360760	20.0
4H-Cyclopenta[def...	11.73	4.1	ng	280684	4	11.13	1360760	20.0
Pyrene, 1-methyl-	12.88	2.1	ng	151988	5	13.76	1465340	20.0
Heptafluorobutano...	13.62	3.5	ng	260263	5	13.76	1465340	20.0