LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

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-BF060716.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	1.758	14	15	24	rVB	94273	163002	6.59%	0.736%
2	1.884	24	26	37	rVB	1668524	2474611	100.00%	11.174%
3	4.318	237	239	242	rVB	24978	30827	1.25%	0.139%
4	4.981	295	297	300	rBV	155396	176415	7.13%	0.797%
5	5.416	332	335	337	rVB	820571	773499	31.26%	3.493%
6	6.456	423	426	428	rVB	804231	773770	31.27%	3.494%
7	6.593	435	438	440	rBV	769349	765221	30.92%	3.455%
8	6.822	456	458	461	rBV	456212	431322	17.43%	1.948%
9	6.982	468	472	474	rBV2	787034	851489	34.41%	3.845%
10	7.382	505	507	509	rVV	372773	402829	16.28%	1.819%
11	7.427	509	511	513	rVB	23733	26124	1.06%	0.118%
12	7.816	543	545	547	rBV	85004	72574	2.93%	0.328%
13	7.999	559	561	563	rBV2	23081	38725	1.56%	0.175%
14	8.045	563	565	569	rVV4	25069	66800	2.70%	0.302%
15	8.113	569	571	572	rVV	722978	686899	27.76%	3.102%
16	8.136	572	573	574	rVB	44633	30596	1.24%	0.138%
17	8.182	574	577	580	rBV4	26347	47729	1.93%	0.216%
18	8.273	583	585	587	rBV	16118	25190	1.02%	0.114%
19	8.547	607	609	613	rVB	18368	28180	1.14%	0.127%
20	8.685	619	621	622	rBV	408470	325155	13.14%	1.468%
21	8.707	622	623	626	rVV	41095	58795	2.38%	0.265%
22	8.822	630	633	635	rVB2	26047	28038	1.13%	0.127%
23	9.188	663	665	668	rVB	815362	883697	35.71%	3.990%
24	9.279	671	673	675	rBV	77609	73259	2.96%	0.331%
25	9.530	691	695	696	rBV	22812	25130	1.02%	0.113%
26	9.588	698	700	702	rVV	84386	82231	3.32%	0.371%
27	9.805	718	719	722	rVB	33829	43523	1.76%	0.197%
28	9.873	722	725	726	rVV	576183	624541	25.24%	2.820%
29	9.896	726	727	729	rVB	51134	49962	2.02%	0.226%
30	10.068	741	742	744	rBV	40329	39749	1.61%	0.179%
31	10.113	744	746	750	rVB2	17538	26419	1.07%	0.119%
32	10.308	762	763	765	rBV	44934	34876	1.41%	0.157%
33	10.411	771	772	776	rBV	55039	55716	2.25%	0.252%
34	10.582	785	787	789	rVB2	15651	31624	1.28%	0.143%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.651	791	793	796	rVB2	229678	236528	9.56%	1.068%
36	10.788	803	805	808	rBV	85322	142477	5.76%	0.643%
37	10.845	808	810	811	rVV	154026	135012	5.46%	0.610%
38	10.879	811	813	815	rVV	157440	211559	8.55%	0.955%
39	10.913	815	816	819	rVV2	147237	198533	8.02%	0.896%
40	10.993	819	823	824	rVV2	69560	155167	6.27%	0.701%
41	11.028	824	826	827	rVV2	115089	152423	6.16%	0.688%
42	11.062	827	829	830	rVV	146218	148813	6.01%	0.672%
43	11.096	830	832	836	rVV4	71341	140765	5.69%	0.636%
44	11.199	839	841	843	rVV	76494	88558	3.58%	0.400%
45	11.233	843	844	848	rVV3	49900	112988	4.57%	0.510%
46	11.348	852	854	855	rVV	497974	572763	23.15%	2.586%
47	11.382	855	857	858	rVV	360017	491687	19.87%	2.220%
48	11.428	858	861	863	rVV	187942	186752	7.55%	0.843%
49	11.473	863	865	867	rVV2	43076	78658	3.18%	0.355%
50	11.519	867	869	871	rVV3	25837	48254	1.95%	0.218%
51	11.588	871	875	879	rVV4	103160	298595	12.07%	1.348%
52	11.656	879	881	882	rVV2	72795	96205	3.89%	0.434%
53	11.691	882	884	885	rVV	163631	258973	10.47%	1.169%
54	11.714	885	886	888	rVV	152490	153834	6.22%	0.695%
55	11.771	888	891	893	rVV	54196	96236	3.89%	0.435%
56	11.816	893	895	896	rVV2	69106	70720	2.86%	0.319%
57	11.851	896	898	899	rVV	77650	96116	3.88%	0.434%
58	11.885	899	901	903	rVV2	94765	154371	6.24%	0.697%
59	11.919	903	904	906	rVV2	79771	97785	3.95%	0.442%
60	11.965	906	908	912	rVB2	130880	187368	7.57%	0.846%
61	12.148	923	924	928	rVB2	53683	82325	3.33%	0.372%
62	12.296	933	937	939	rBV2	22439	36631	1.48%	0.165%
63	12.399	945	946	948	rBV	38197	56343	2.28%	0.254%
64	12.456	948	951	952	rVV2	32186	60470	2.44%	0.273%
65	12.491	952	954	956	rVB2	29901	48979	1.98%	0.221%
66	12.559	958	960	962	rVB	587030	690495	27.90%	3.118%
67	12.616	962	965	967	rBV3	18948	30069	1.22%	0.136%
68	12.719	970	974	977	rBV4	24286	66056	2.67%	0.298%
69	12.788	977	980	982	rBV	607890	734883	29.70%	3.318%
70	12.845	982	985	988	rVB2	124926	174512	7.05%	0.788%
71	12.914	989	991	992	rBV	39707	63024	2.55%	0.285%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.936	992	993	996	rVB	756925	789560	31.91%	3.565%
73	13.017	996	1000	1001	rBV2	40943	68550	2.77%	0.310%
74	13.119	1004	1009	1011	rBV2	108745	158165	6.39%	0.714%
75	13.188	1012	1015	1016	rBV	98210	88608	3.58%	0.400%
76	13.222	1016	1018	1019	rBV	77355	75536	3.05%	0.341%
77	13.314	1024	1026	1027	rBV	41557	38445	1.55%	0.174%
78	13.348	1027	1029	1031	rVB2	34834	33000	1.33%	0.149%
79	13.428	1034	1036	1038	rBV2	14904	27818	1.12%	0.126%
80	13.531	1040	1045	1047	rBV4	31598	80707	3.26%	0.364%
81	13.622	1051	1053	1056	rVB	47212	59060	2.39%	0.267%
82	13.737	1060	1063	1064	rBV	72887	96583	3.90%	0.436%
83	13.771	1064	1066	1070	rVB3	111128	185482	7.50%	0.838%
84	13.988	1082	1085	1091	rVB2	775189	1304256	52.71%	5.889%
85	14.091	1092	1094	1096	rBV2	45018	44711	1.81%	0.202%
86	14.171	1100	1101	1103	rVV2	27430	33550	1.36%	0.151%
87	14.217	1103	1105	1106	rVB2	23120	27832	1.12%	0.126%
88	14.377	1117	1119	1120	rVB	50792	48252	1.95%	0.218%
89	14.411	1120	1122	1124	rVB2	34264	29235	1.18%	0.132%
90	15.005	1172	1174	1179	rBV	232060	482641	19.50%	2.179%
91	15.108	1179	1183	1187	rBV3	71487	190176	7.69%	0.859%
92	15.291	1197	1199	1202	rVB	118509	184667	7.46%	0.834%
93	15.360	1202	1205	1208	rVV	145626	231321	9.35%	1.045%
94	15.417	1208	1210	1221	rVB2	354648	631689	25.53%	2.852%
95	15.565	1221	1223	1227	rBV4	24794	47971	1.94%	0.217%
96	16.800	1328	1331	1336	rVB2	68469	160610	6.49%	0.725%
97	17.223	1365	1368	1375	rVB	52991	124346	5.02%	0.561%

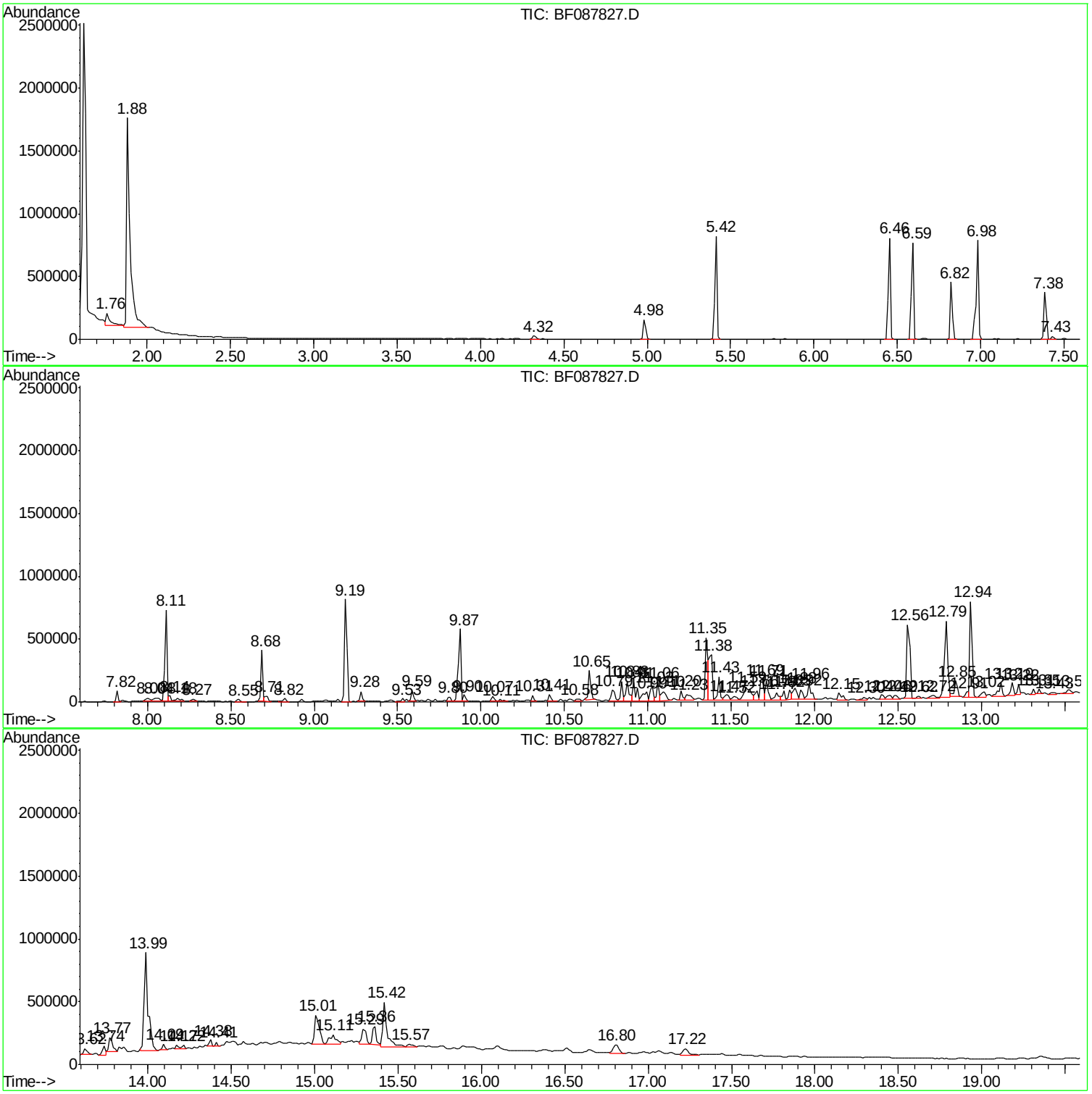
Sum of corrected areas: 22146215

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

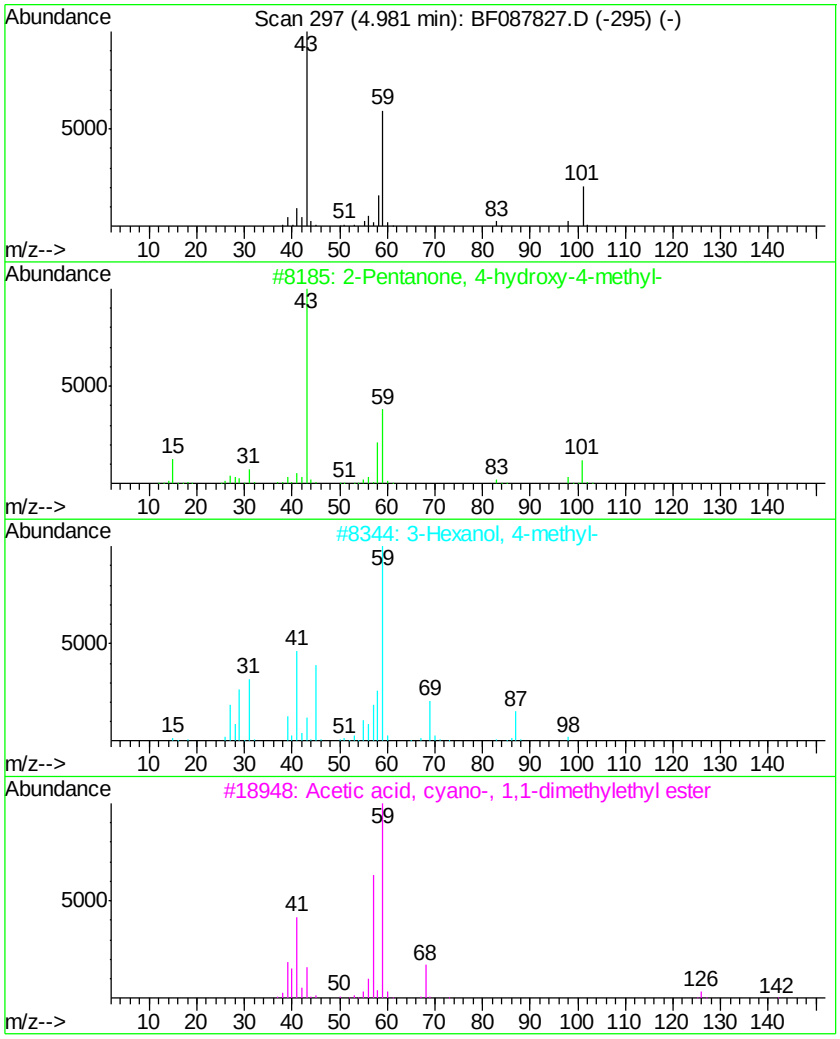
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

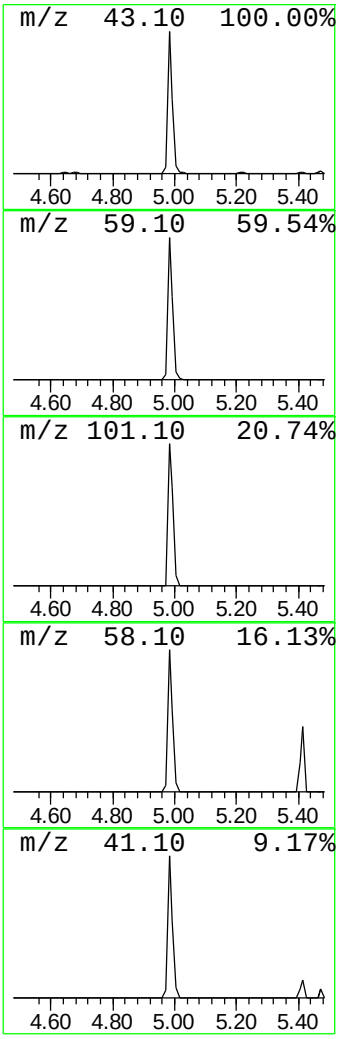
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	8.18 ng	176415	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

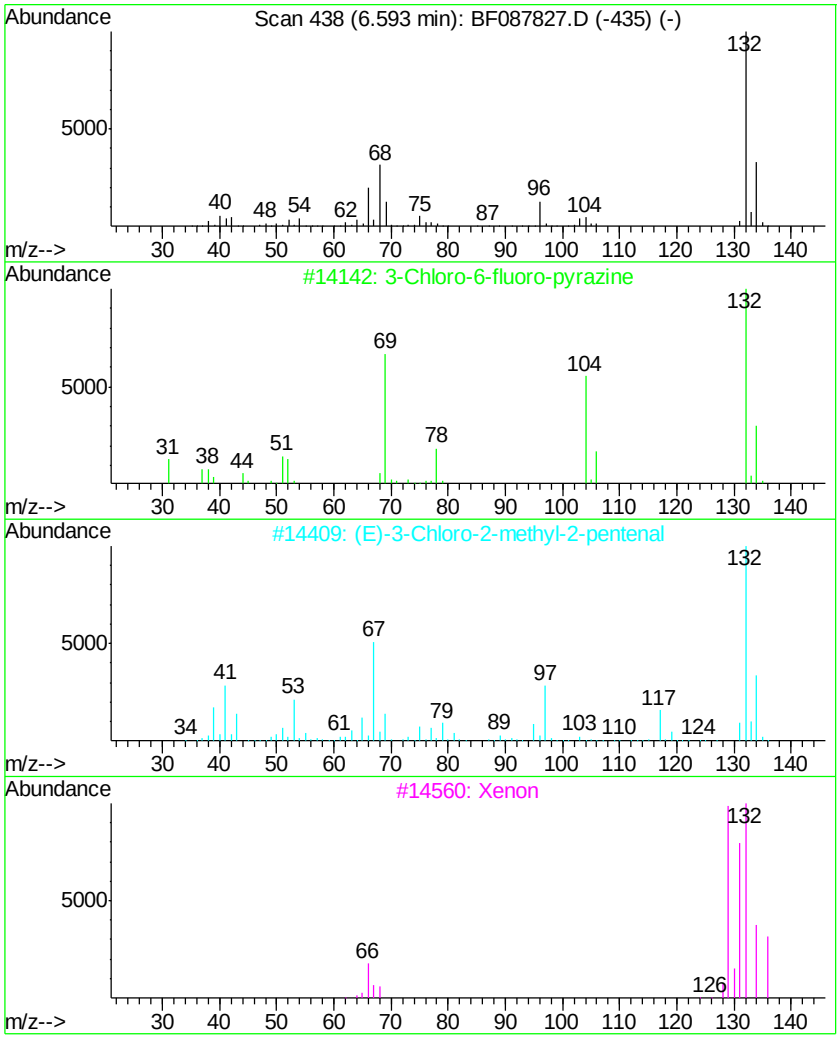
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

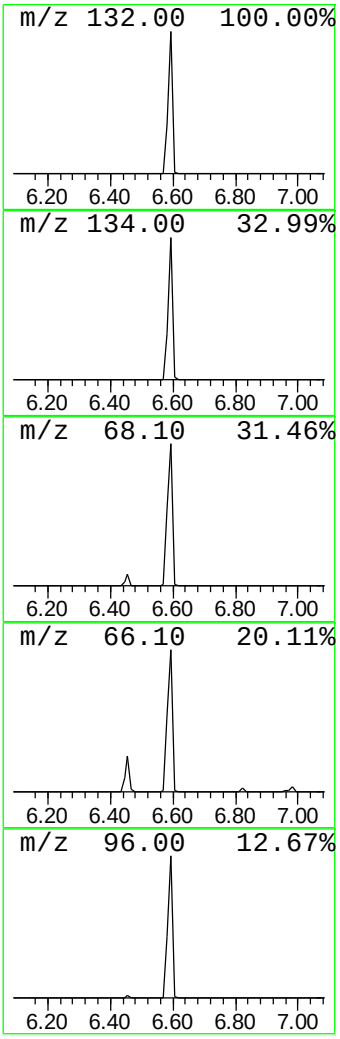
****

Peak Number 4 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	35.48 ng	765221	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Xenon	132	Xe	007440-63-3	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

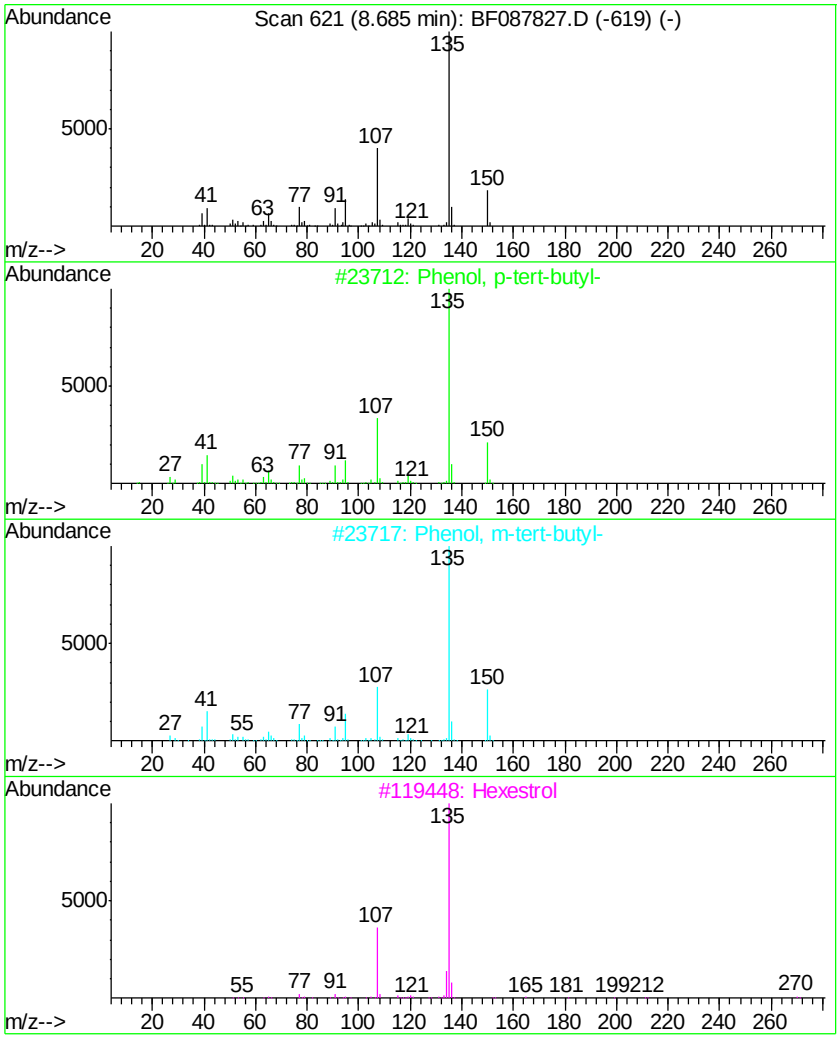
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

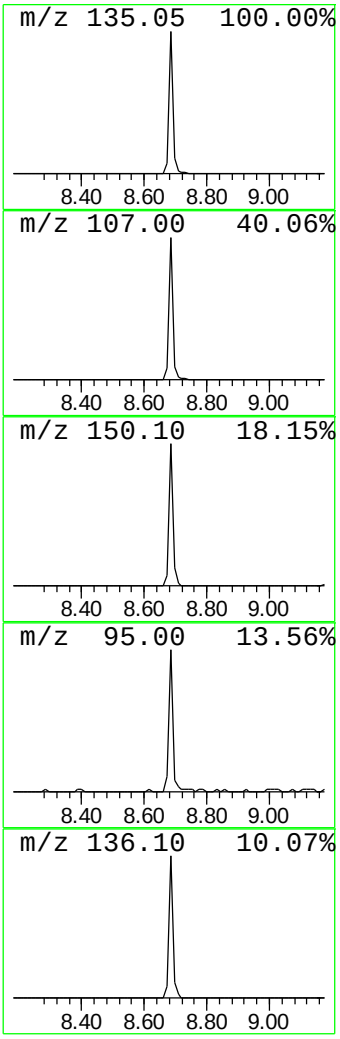
****

Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	9.47 ng	325155	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Hexestrol	270	C18H22O2	000084-16-2	59
4	4-Acetylanisole	150	C9H10O2	000100-06-1	52
5	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

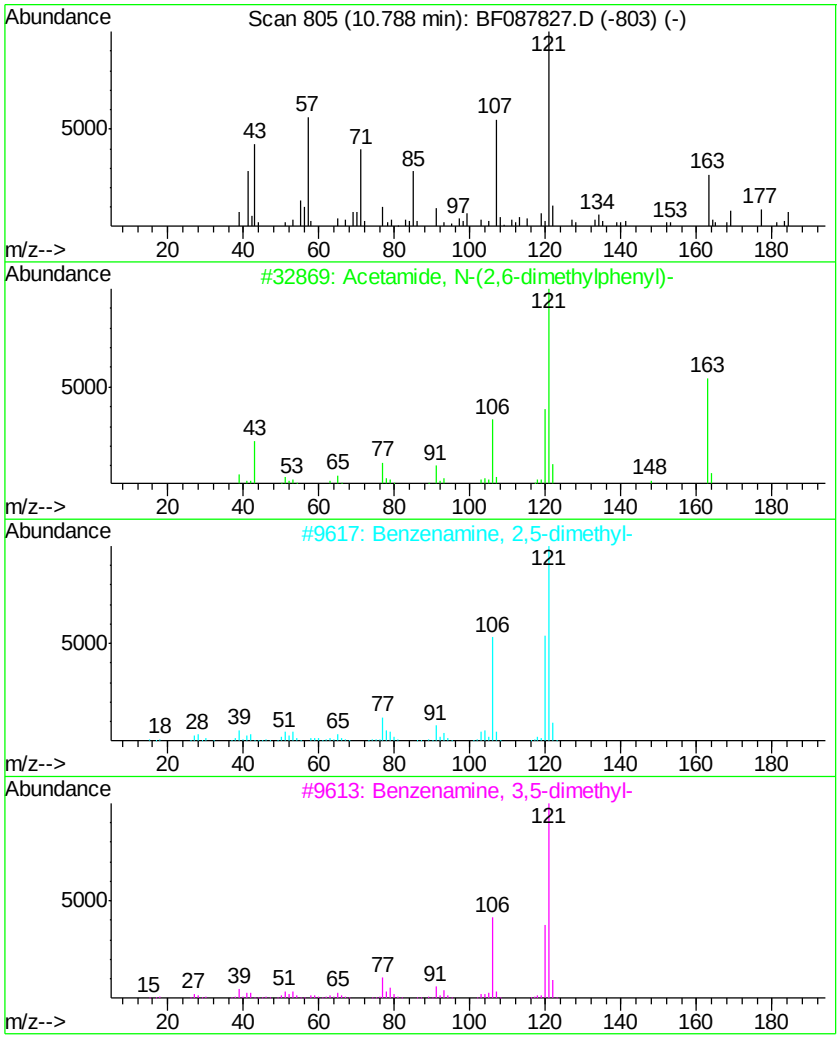
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

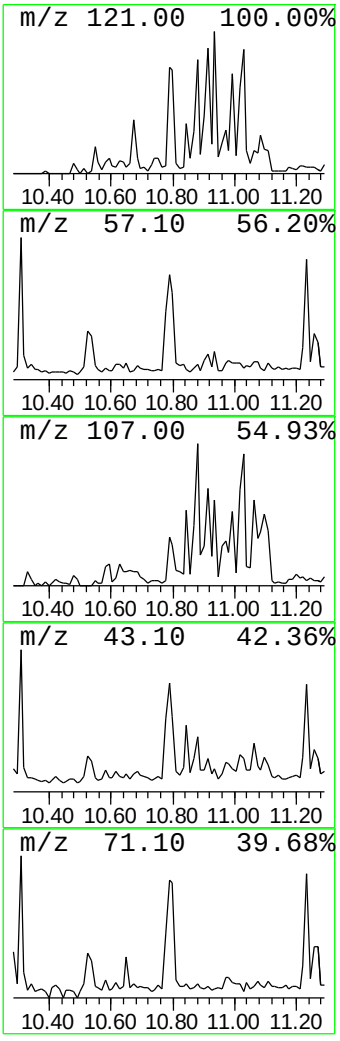
****

Peak Number 6 unknown10.79 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.98 ng	142477	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	43
2	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	27
3	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	27
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	25
5	Tridecane	184	C13H28	000629-50-5	15





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

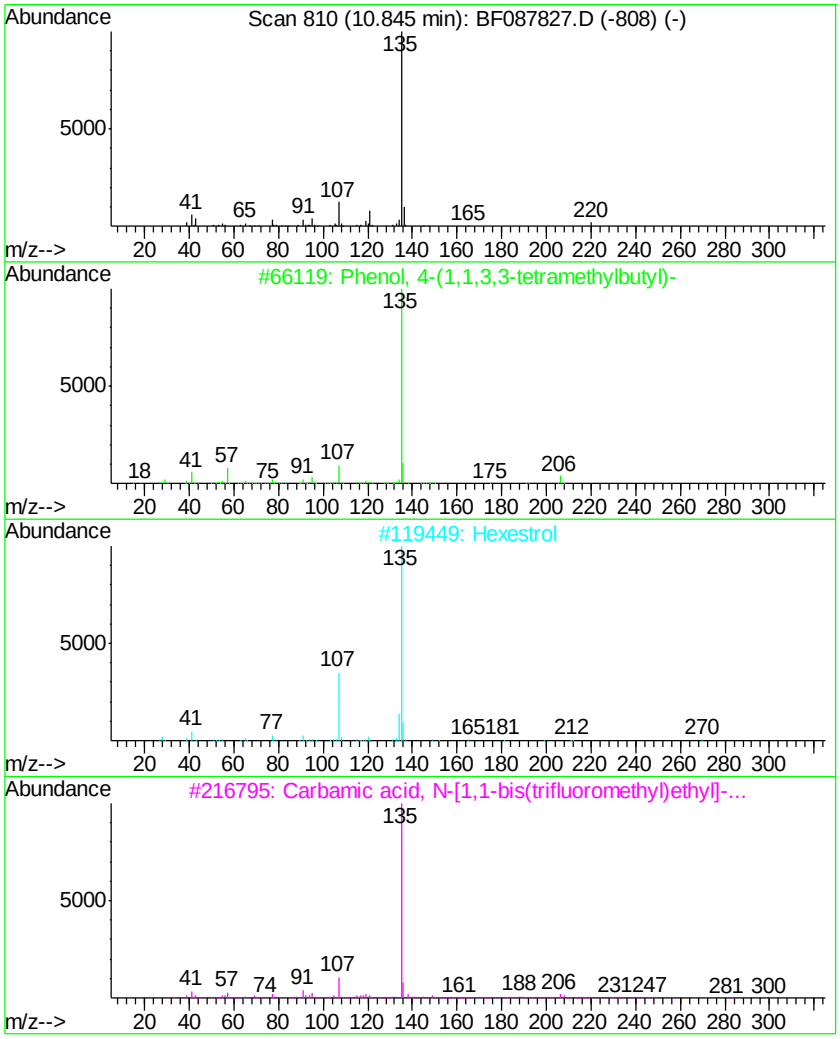
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

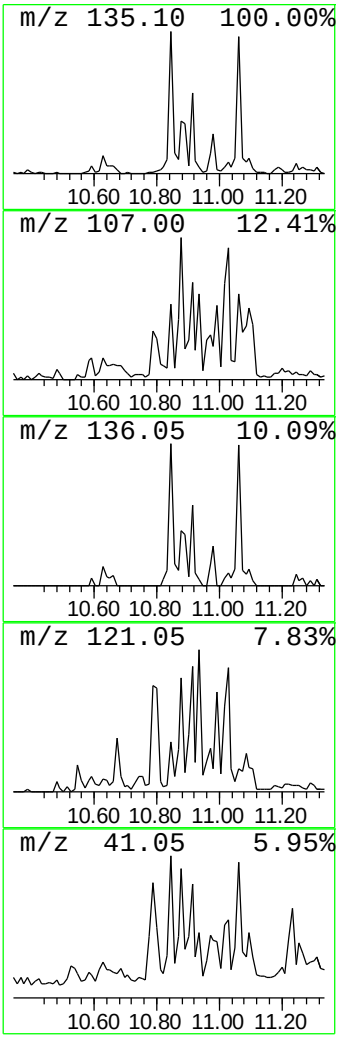
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	4.71 ng	135012	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol	270	C18H22O2	000084-16-2	64
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56
5	Benzoic acid, 2-methoxy-, phenyl...	228	C14H12O3	010268-71-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

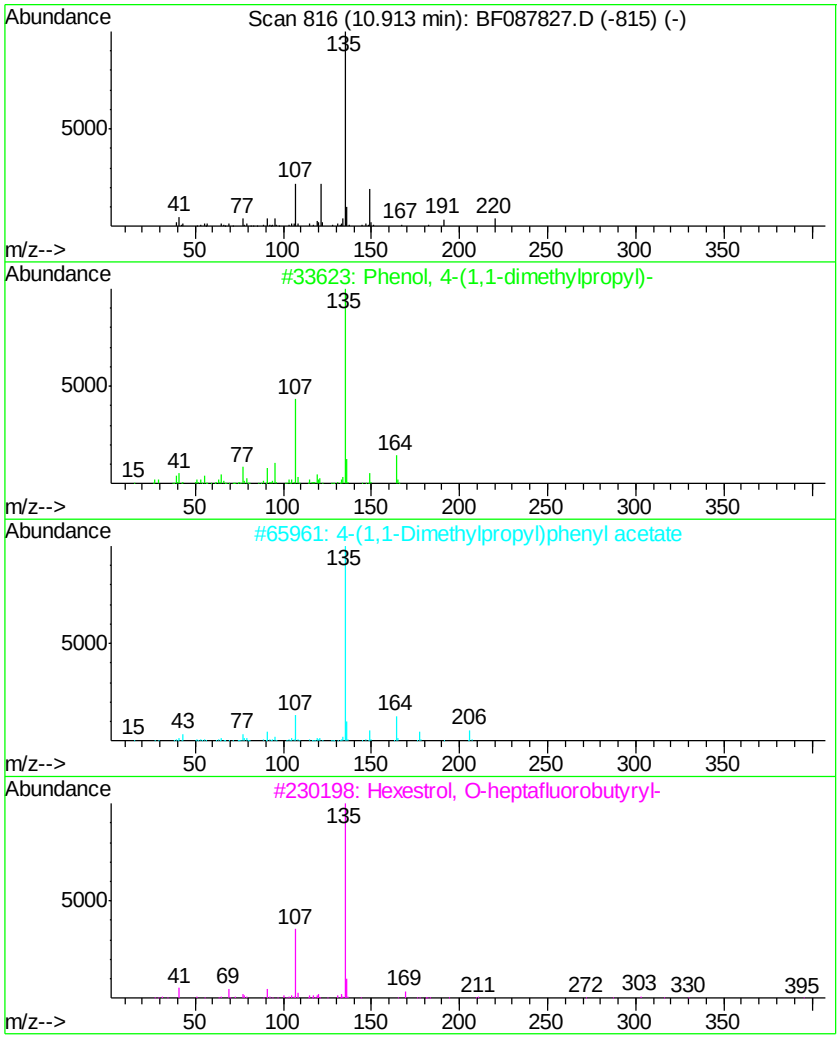
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

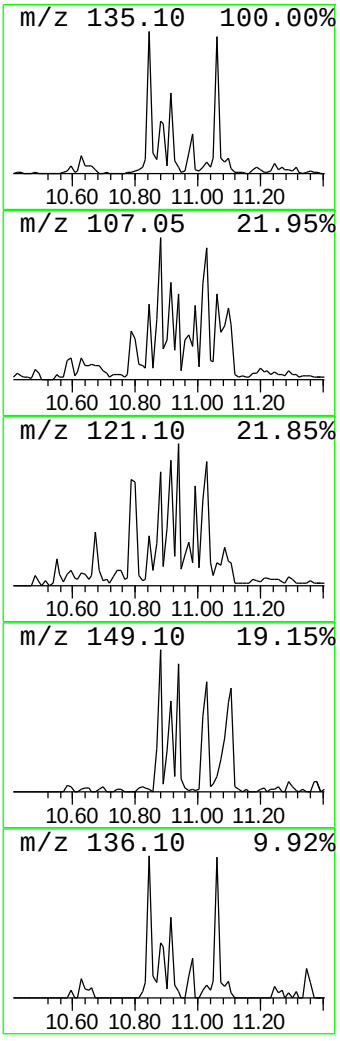
****

Peak Number 9 Phenol, 4-(1,1-dimethylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	6.93 ng	198533	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	59
3	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	53
4	Hexestrol	270	C18H22O2	000084-16-2	53
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

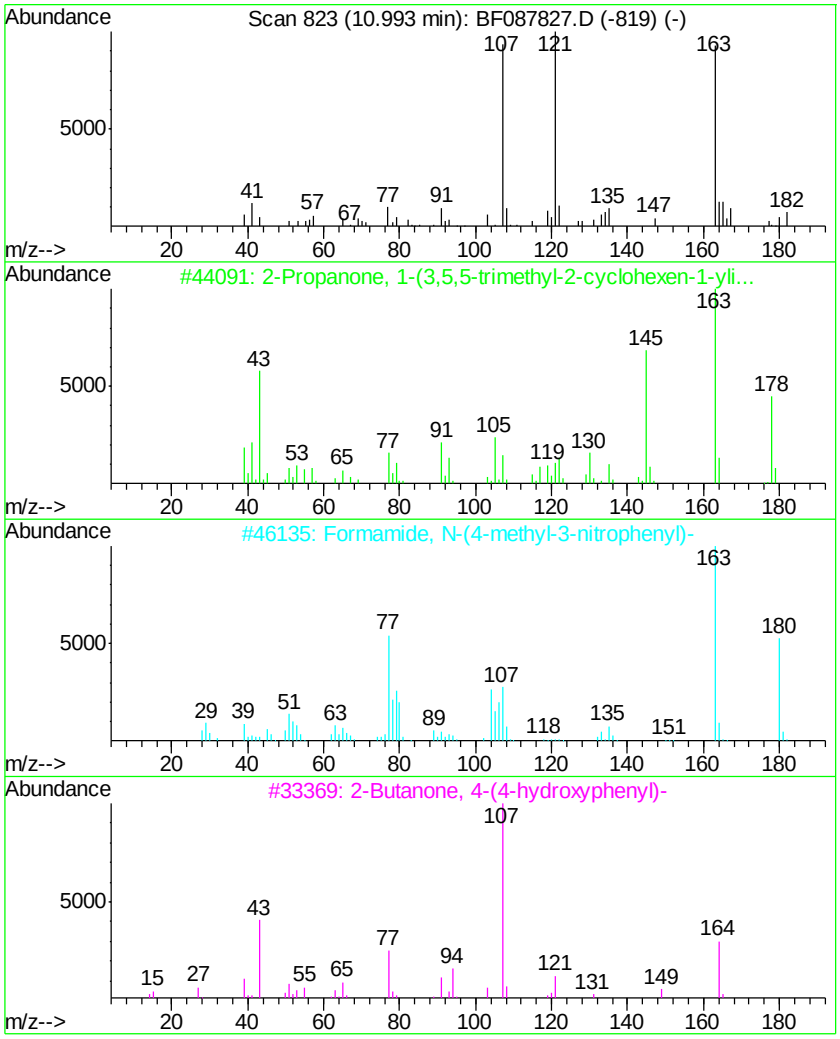
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

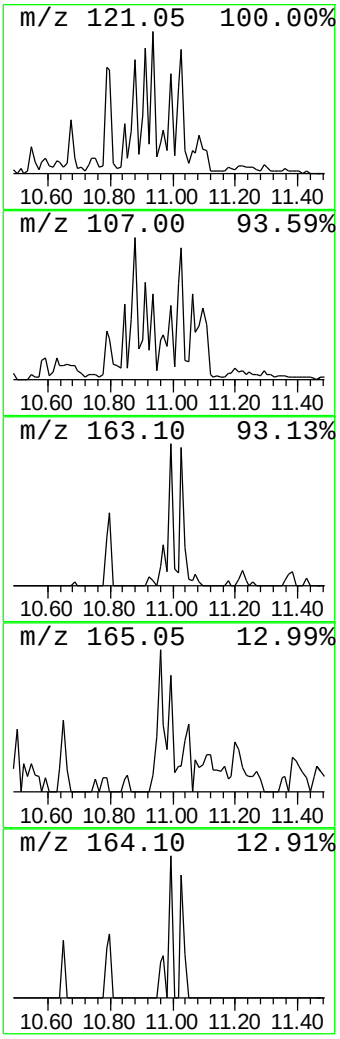
****

Peak Number 10 unknown10.99 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	5.42 ng	155167	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(3,5,5-trimethyl-...	178	C12H18O	016695-73-1	27
2	Formamide, N-(4-methyl-3-nitroph...	180	C8H8N2O3	1000319-41-8	27
3	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	22
4	Tricyclo[7.3.0.0(2,6)]dodecane, ...	164	C12H20	030159-17-2	22
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

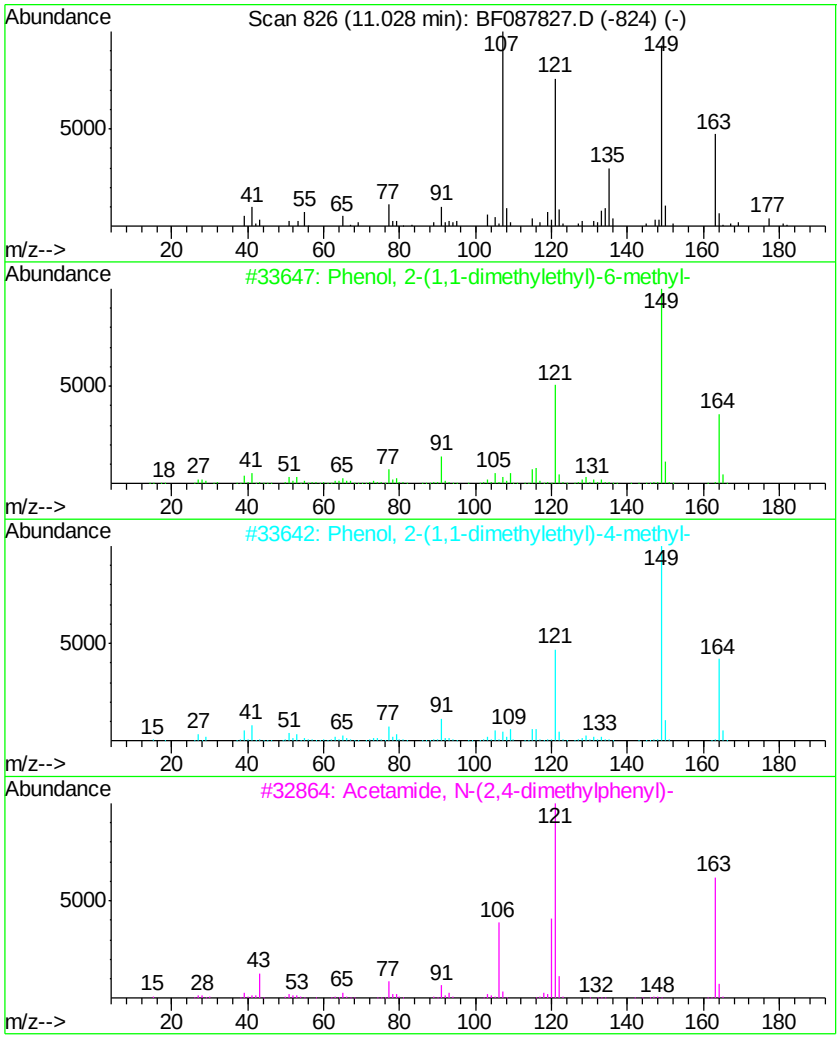
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

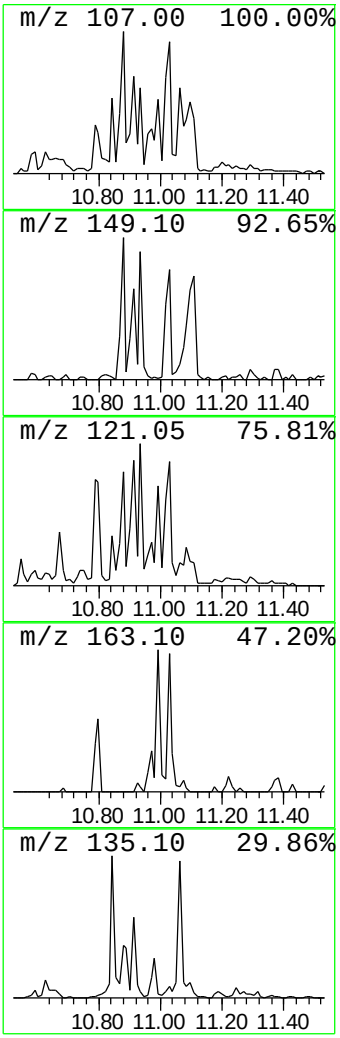
****

Peak Number 11 unknown11.03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	5.32 ng	152423	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	45
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	38
3	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	25
4	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	25
5	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

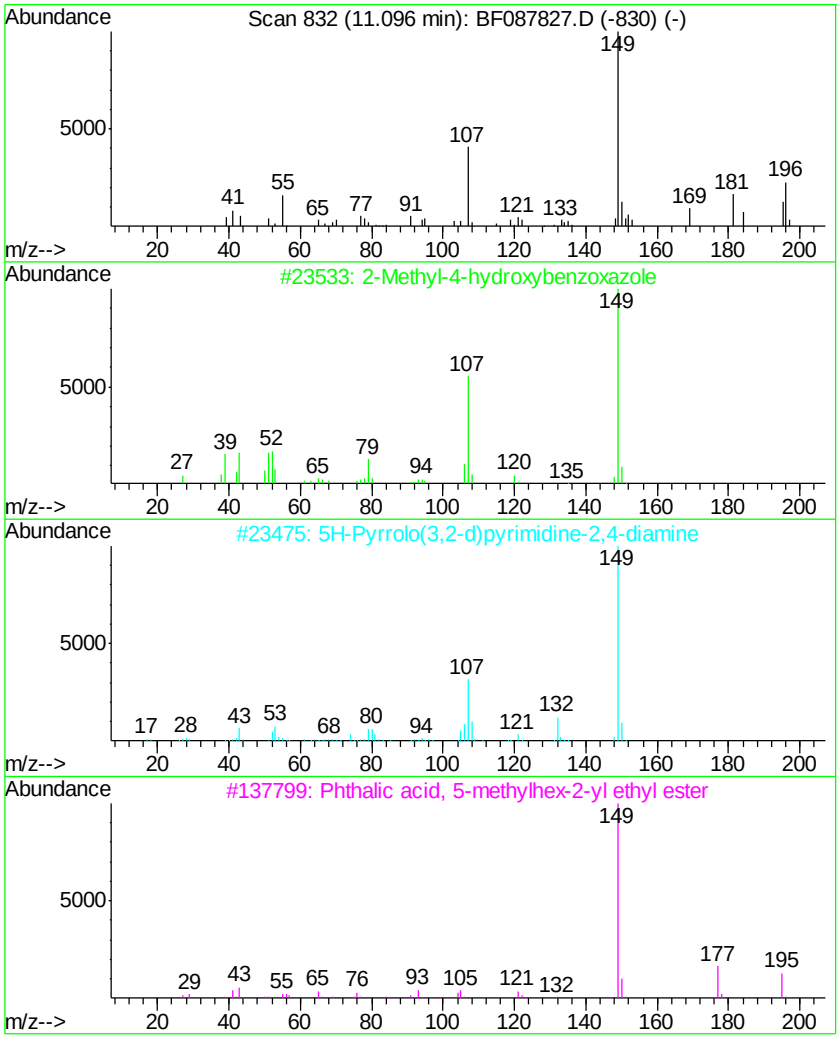
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

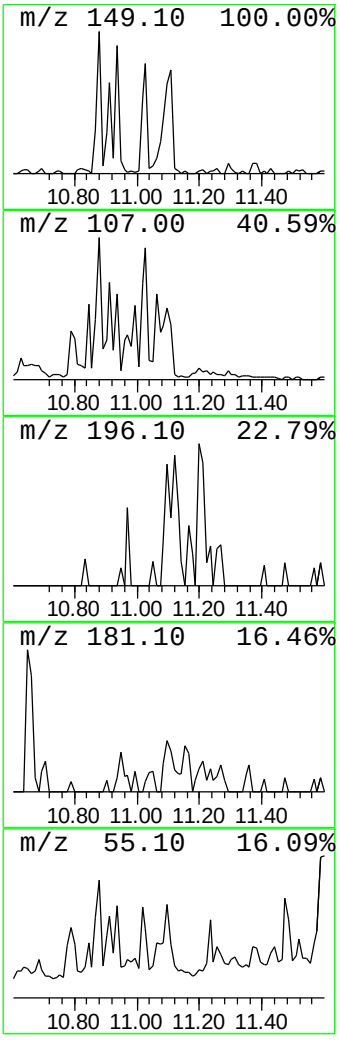
****

Peak Number 13 2-Methyl-4-hydroxybenzoxazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.92 ng	140765	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	40
3	Phthalic acid, 5-methylhex-2-yl ...	292	C17H24O4	1000371-09-3	38
4	Phthalic acid, ethyl hex-3-yl ester	278	C16H22O4	1000356-95-2	38
5	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

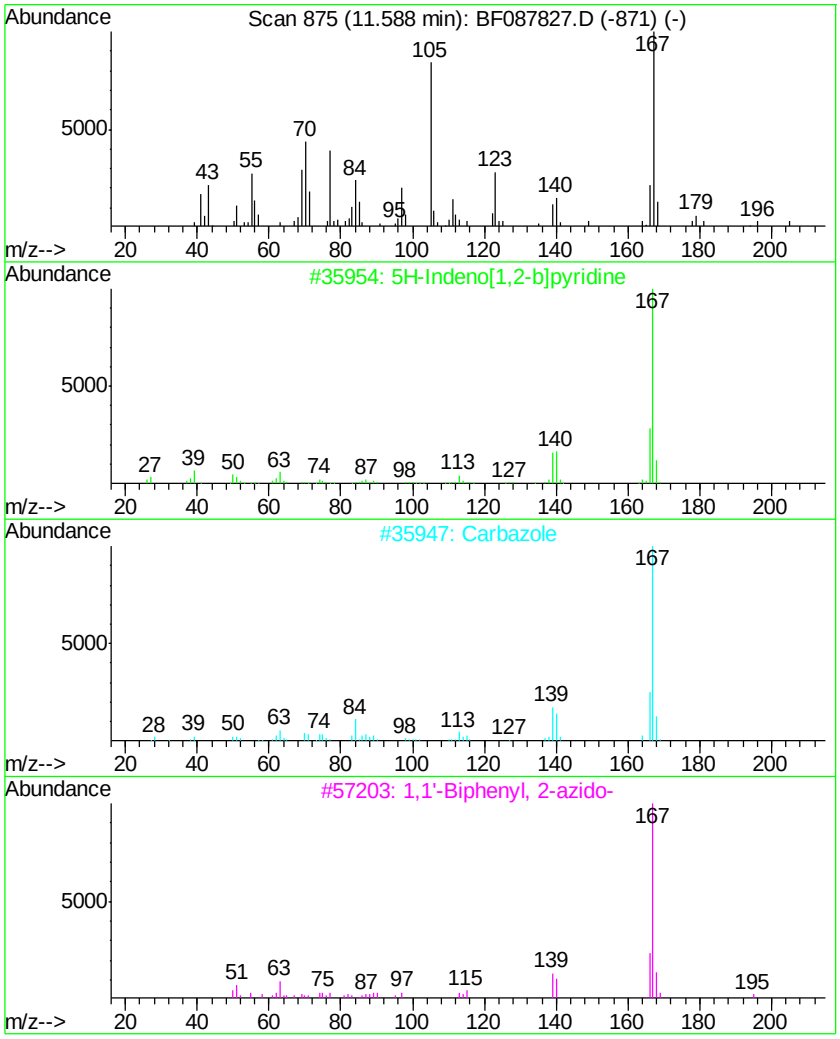
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

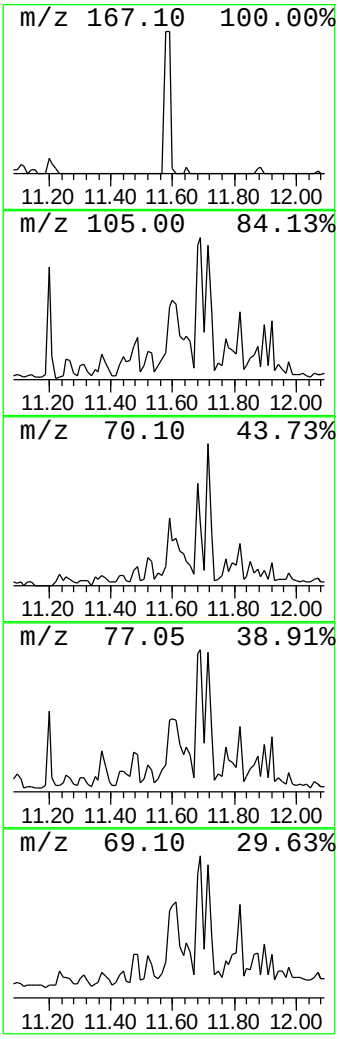
****

Peak Number 14 unknown11.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	10.43 ng	298595	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	46
2	Carbazole	167	C12H9N	000086-74-8	43
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	38
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	38
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

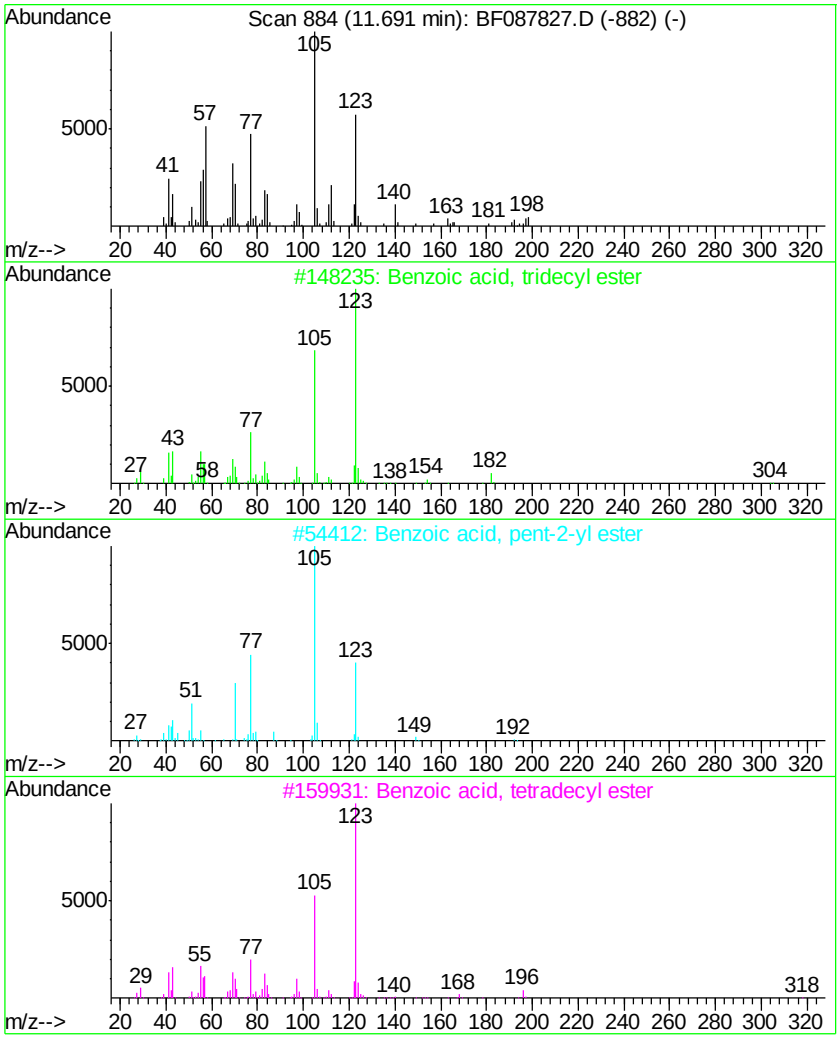
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

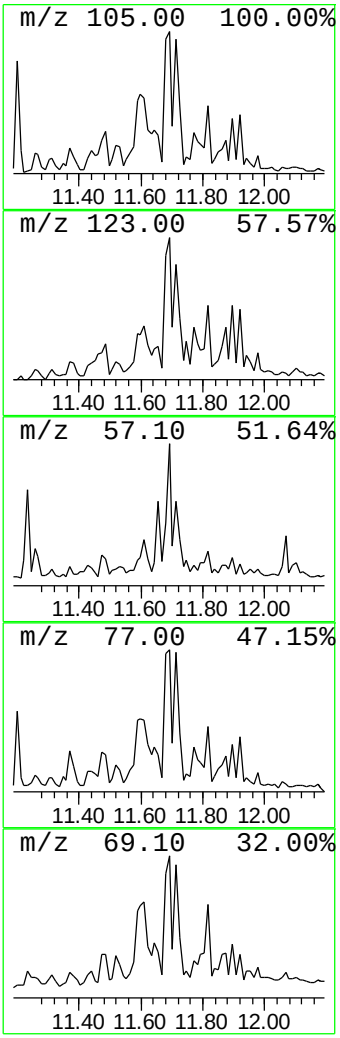
****

Peak Number 15 Benzoic acid, tridecyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	9.04 ng	258973	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	64
2	Benzoic acid, pent-2-yl ester	192	C12H16O2	039180-02-4	52
3	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	50
4	Benzoic acid, pentyl ester	192	C12H16O2	002049-96-9	38
5	Benzoic acid, hexyl ester	206	C13H18O2	006789-88-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

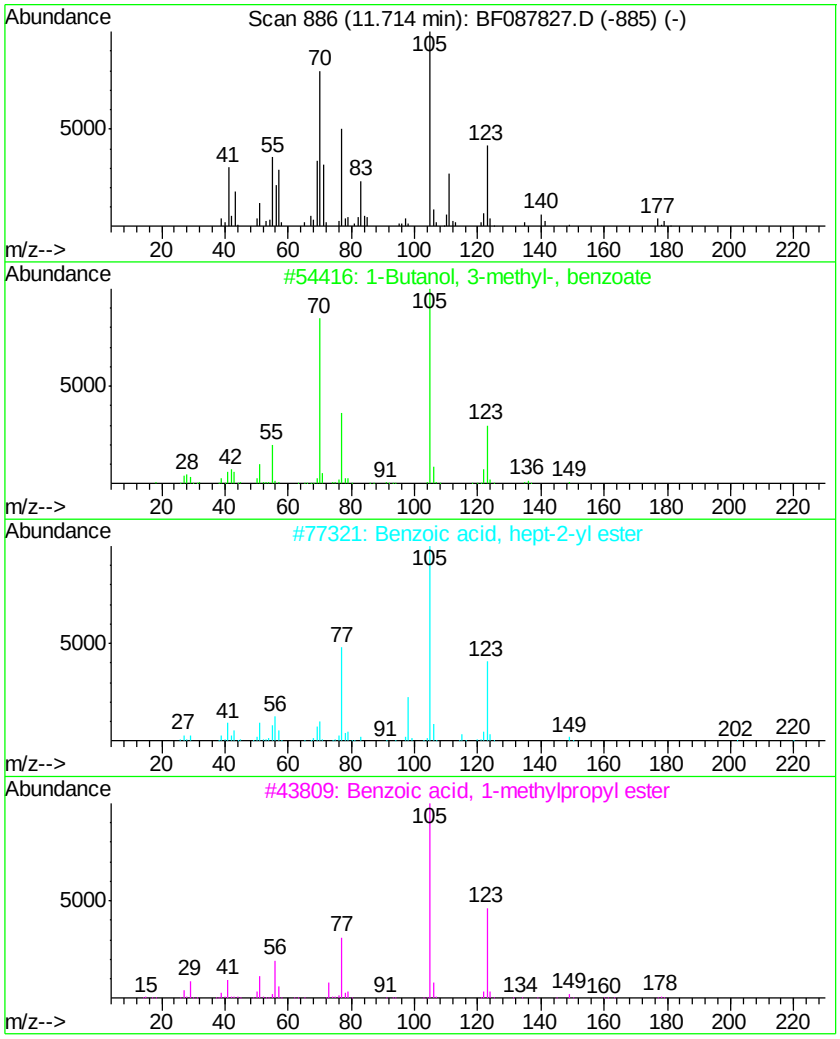
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

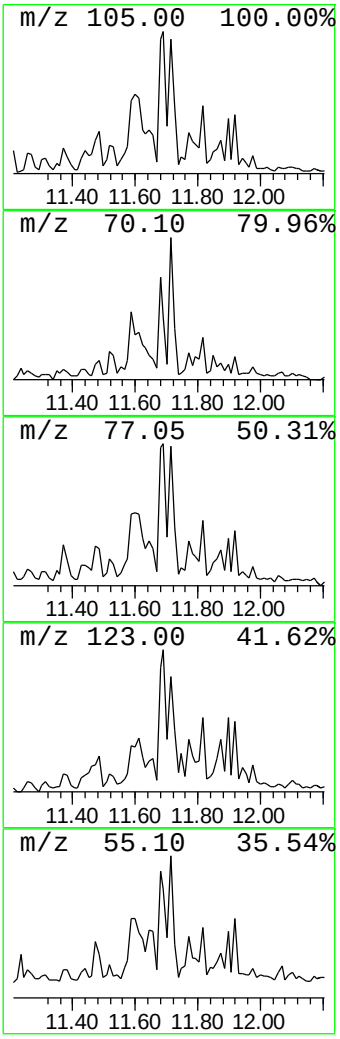
****

Peak Number 16 1-Butanol, 3-methyl-, benzoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	5.37 ng	153834	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 3-methyl-, benzoate	192	C12H16O2	000094-46-2	52
2	Benzoic acid, hept-2-yl ester	220	C14H20O2	1000368-69-4	35
3	Benzoic acid, 1-methylpropyl ester	178	C11H14O2	003306-36-3	25
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	25
5	n-Propyl benzoate	164	C10H12O2	002315-68-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

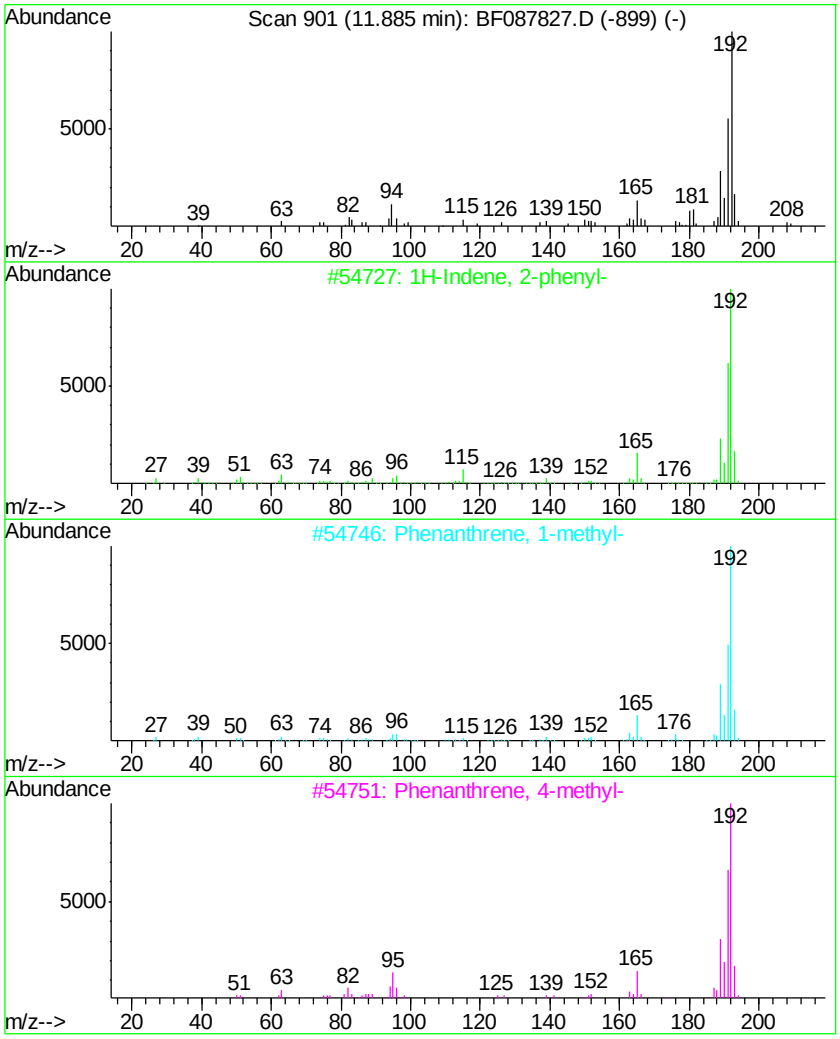
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

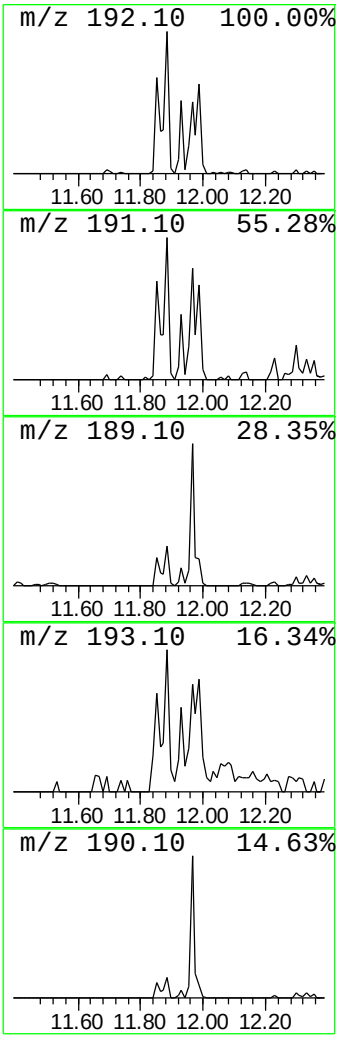
****

Peak Number 17 1H-Indene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.39 ng	154371	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

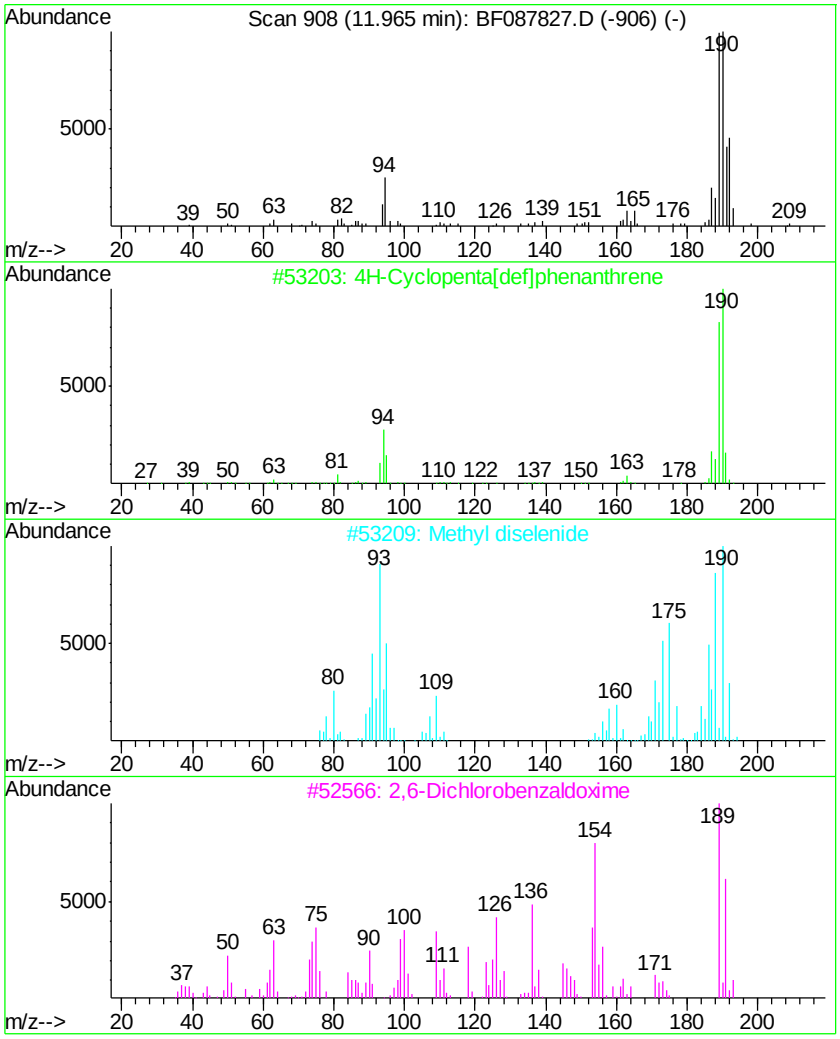
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

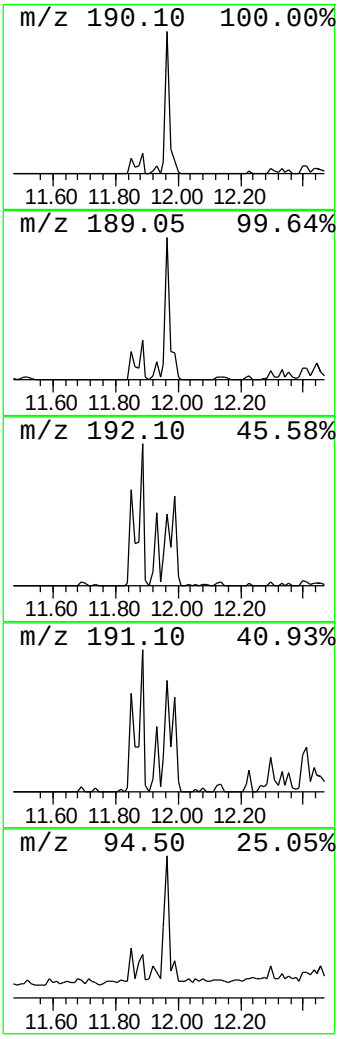
****

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.54 ng	187368	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087827.D
Acq On : 8 Jun 2016 23:45
Operator : UM/SJ
Sample : H3399-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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...	4.98	8.2	ng	176415	1	6.82	431322	20.0
unknown6.59	6.59	35.5	ng	765221	1	6.82	431322	20.0
Phenol, p-tert-bu...	8.68	9.5	ng	325155	2	8.11	686899	20.0
unknown10.79	10.79	5.0	ng	142477	4	11.35	572763	20.0
Phenol, 4-(1,1,3,...	10.84	4.7	ng	135012	4	11.35	572763	20.0
Phenol, 4-(1,1-di...	10.91	6.9	ng	198533	4	11.35	572763	20.0
unknown10.99	10.99	5.4	ng	155167	4	11.35	572763	20.0
unknown11.03	11.03	5.3	ng	152423	4	11.35	572763	20.0
2-Methyl-4-hydrox...	11.10	4.9	ng	140765	4	11.35	572763	20.0
unknown11.59	11.59	10.4	ng	298595	4	11.35	572763	20.0
Benzoic acid, tri...	11.69	9.0	ng	258973	4	11.35	572763	20.0
1-Butanol, 3-meth...	11.71	5.4	ng	153834	4	11.35	572763	20.0
1H-Indene, 2-phenyl-	11.89	5.4	ng	154371	4	11.35	572763	20.0
4H-Cyclopenta[def...	11.97	6.5	ng	187368	4	11.35	572763	20.0