LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

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-BF122116.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	4.767	248	252	261	rBV	1398338	2358709	37.50%	3.299%
2	5.156	284	286	290	rVB2	35239	71078	1.13%	0.099%
3	5.236	290	293	301	rBV	5317526	5726779	91.04%	8.010%
4	5.419	307	309	315	rVB2	71985	107694	1.71%	0.151%
5	6.310	383	387	389	rBV	4217275	6290103	100.00%	8.798%
6	6.402	393	395	398	rVV	4158825	5736644	91.20%	8.024%
7	6.470	398	401	403	rBV3	71471	133420	2.12%	0.187%
8	6.630	413	415	417	rBV	1371757	1188322	18.89%	1.662%
9	6.790	426	429	431	rBV	4288922	4566390	72.60%	6.387%
10	6.893	435	438	440	rBV	64821	71471	1.14%	0.100%
11	7.202	462	465	468	rBV	3474869	3592658	57.12%	5.025%
12	7.499	487	491	493	rVB2	41025	69707	1.11%	0.097%
13	7.670	503	506	508	rBV3	66559	122714	1.95%	0.172%
14	7.739	508	512	515	rVB2	65516	163488	2.60%	0.229%
15	7.922	525	528	531	rBV	1308418	1857630	29.53%	2.598%
16	8.288	557	560	564	rBV5	24759	67548	1.07%	0.094%
17	8.562	582	584	588	rVB3	72126	112217	1.78%	0.157%
18	8.630	588	590	592	rBV	124191	112734	1.79%	0.158%
19	8.733	597	599	601	rVB	60359	86649	1.38%	0.121%
20	8.996	619	622	625	rVB	4510300	5392641	85.73%	7.543%
21	9.088	628	630	632	rVB2	68468	81329	1.29%	0.114%
22	9.328	649	651	652	rBV	69430	68079	1.08%	0.095%
23	9.396	655	657	659	rVV	1458818	1267236	20.15%	1.772%
24	9.522	667	668	670	rVV	239864	282187	4.49%	0.395%
25	9.625	674	677	678	rBV2	126819	155086	2.47%	0.217%
26	9.671	678	681	682	rVV	1254440	1407271	22.37%	1.968%
27	9.842	692	696	697	rBV3	31459	64720	1.03%	0.091%
28	9.979	706	708	714	rBV6	47460	100186	1.59%	0.140%
29	10.116	718	720	722	rVB	129291	123238	1.96%	0.172%
30	10.185	722	726	727	rBV3	44845	100031	1.59%	0.140%
31	10.208	727	728	732	rVB	116734	157414	2.50%	0.220%
32	10.334	735	739	740	rBV2	59949	115637	1.84%	0.162%
33	10.368	740	742	745	rVB4	37035	75112	1.19%	0.105%
34	10.459	747	750	752	rVV	3262835	3318149	52.75%	4.641%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.574	757	760	764	rVB2	630955	767947	12.21%	1.074%
36	10.779	774	778	782	rBV7	73175	219537	3.49%	0.307%
37	10.836	782	783	785	rVV2	71025	69790	1.11%	0.098%
38	10.882	785	787	788	rVV	127949	138852	2.21%	0.194%
39	10.951	792	793	796	rVB	97521	86616	1.38%	0.121%
40	10.996	796	797	799	rBV2	50062	66667	1.06%	0.093%
41	11.031	799	800	805	rVB2	194897	250125	3.98%	0.350%
42	11.145	807	810	814	rBV2	1555159	2147171	34.14%	3.003%
43	11.214	814	816	818	rVB	194055	231146	3.67%	0.323%
44	11.259	818	820	823	rBV2	37967	79014	1.26%	0.111%
45	11.385	829	831	835	rVB2	69117	117239	1.86%	0.164%
46	11.454	835	837	840	rBV2	122080	215337	3.42%	0.301%
47	11.545	843	845	849	rVB3	55624	124468	1.98%	0.174%
48	11.648	849	854	855	rBV2	199467	488673	7.77%	0.683%
49	11.671	855	856	857	rVV	187860	178315	2.83%	0.249%
50	11.694	857	858	862	rVV3	543986	900006	14.31%	1.259%
51	11.751	862	863	869	rVV2	334564	657010	10.45%	0.919%
52	11.865	871	873	877	rVV2	143107	253335	4.03%	0.354%
53	11.945	877	880	881	rVV2	100746	146129	2.32%	0.204%
54	12.025	885	887	890	rVB3	54584	69295	1.10%	0.097%
55	12.094	890	893	894	rBV2	96374	145009	2.31%	0.203%
56	12.197	899	902	904	rBV2	156457	316292	5.03%	0.442%
57	12.231	904	905	908	rVB2	117352	188972	3.00%	0.264%
58	12.277	908	909	912	rVB2	127962	136263	2.17%	0.191%
59	12.357	913	916	918	rBV	863619	1056467	16.80%	1.478%
60	12.402	918	920	922	rBV2	59645	98770	1.57%	0.138%
61	12.482	925	927	933	rBV5	190018	390103	6.20%	0.546%
62	12.574	933	935	938	rBV	1064059	1356934	21.57%	1.898%
63	12.619	938	939	943	rVB3	63226	120906	1.92%	0.169%
64	12.699	944	946	947	rBV	68860	87737	1.39%	0.123%
65	12.734	947	949	951	rVB	3873566	3709665	58.98%	5.189%
66	12.802	951	955	958	rVB2	89626	90589	1.44%	0.127%
67	12.905	961	964	966	rVB2	192562	320270	5.09%	0.448%
68	12.974	968	970	972	rBV	165712	142860	2.27%	0.200%
69	13.008	972	973	977	rVB	163165	185062	2.94%	0.259%
70	13.100	979	981	983	rBV	123084	134111	2.13%	0.188%
71	13.134	983	984	986	rVB	120933	96553	1.53%	0.135%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.225	988	992	996	rBV	1773969	1891861	30.08%	2.646%
73	13.305	996	999	1005	rBV3	108018	260299	4.14%	0.364%
74	13.420	1007	1009	1013	rVB	84933	116022	1.84%	0.162%
75	13.522	1015	1018	1019	rBV	125863	173880	2.76%	0.243%
76	13.648	1026	1029	1032	rVB3	167580	312371	4.97%	0.437%
77	13.774	1037	1040	1047	rVV2	1260689	2216179	35.23%	3.100%
78	13.877	1047	1049	1050	rBV2	124852	115900	1.84%	0.162%
79	14.162	1072	1074	1076	rBV	134891	130049	2.07%	0.182%
80	14.540	1105	1107	1108	rBV	132059	151521	2.41%	0.212%
81	14.768	1125	1127	1131	rBV	520847	1044246	16.60%	1.461%
82	14.860	1133	1135	1137	rVB2	146971	189891	3.02%	0.266%
83	15.031	1148	1150	1153	rVB	357240	504964	8.03%	0.706%
84	15.088	1153	1155	1158	rVV	552045	718891	11.43%	1.005%
85	15.145	1158	1160	1168	rVB2	706015	1214416	19.31%	1.699%
86	15.568	1194	1197	1198	rBV	114109	209557	3.33%	0.293%
87	16.117	1243	1245	1252	rVB3	126473	270830	4.31%	0.379%
88	16.414	1268	1271	1275	rVB	237119	429018	6.82%	0.600%
89	16.608	1286	1288	1291	rVB2	71344	115107	1.83%	0.161%
90	16.791	1301	1304	1310	rBV	233854	504126	8.01%	0.705%

Sum of corrected areas: 71496634

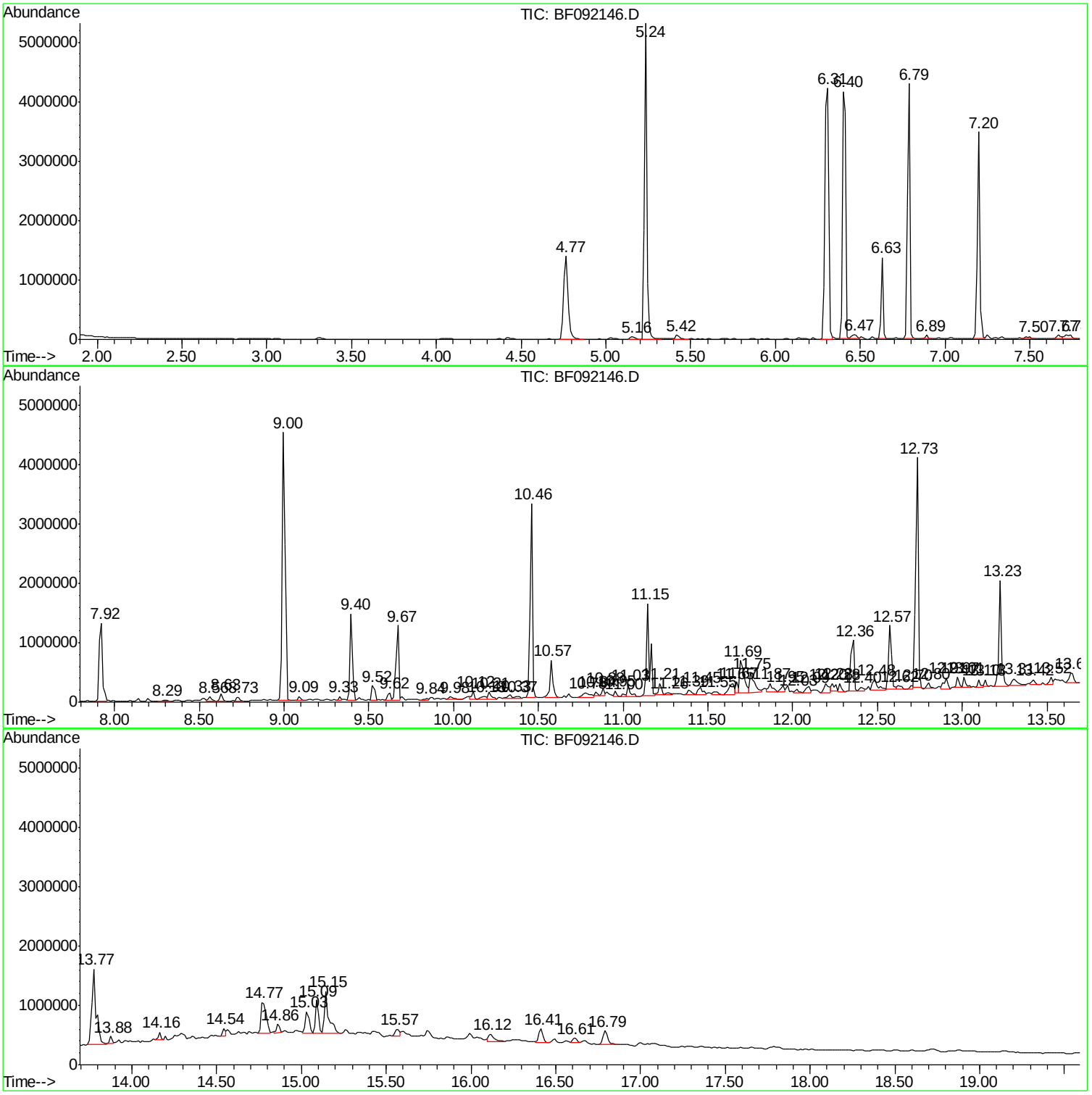
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

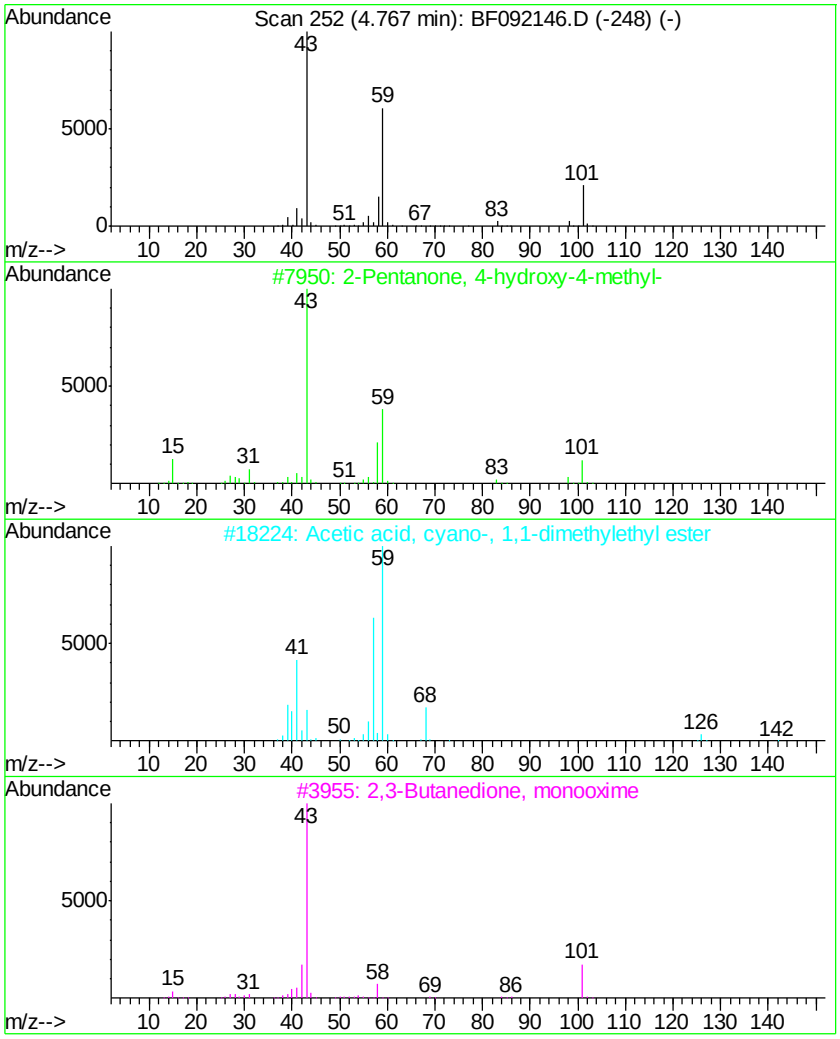
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

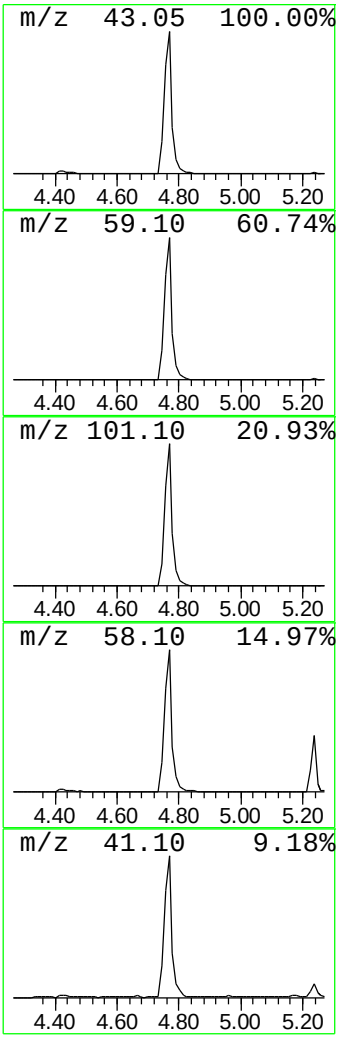
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	39.70 ng	2358710	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

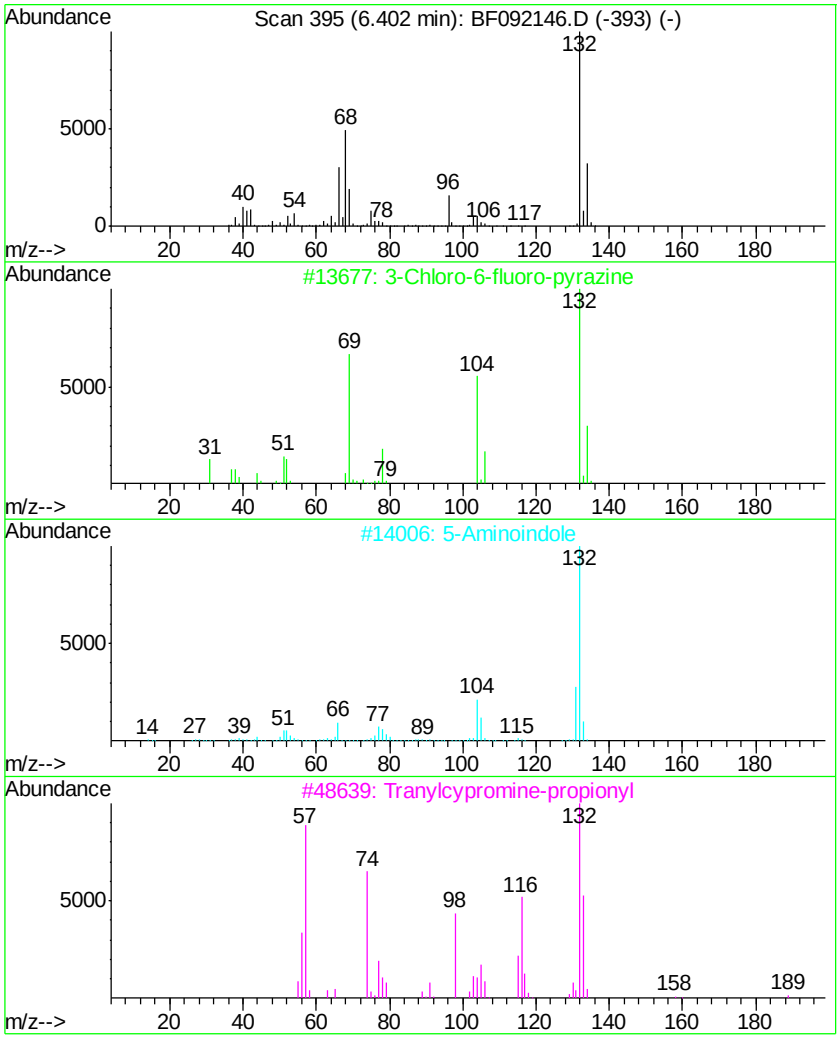
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

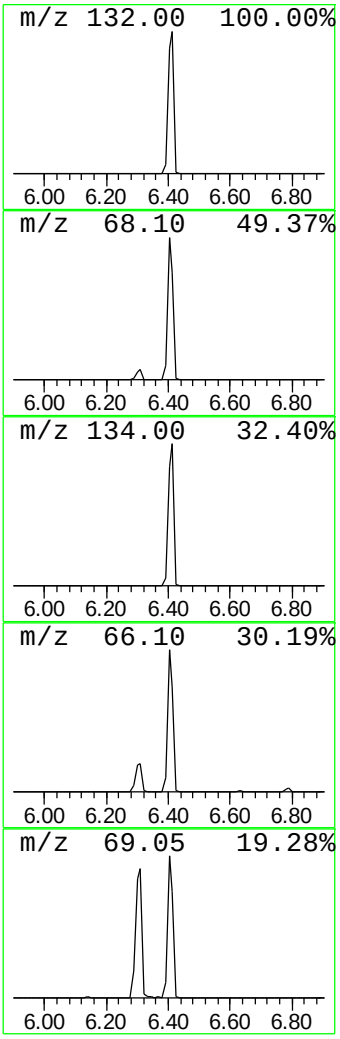
****

Peak Number 2 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	96.55 ng	5736640	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

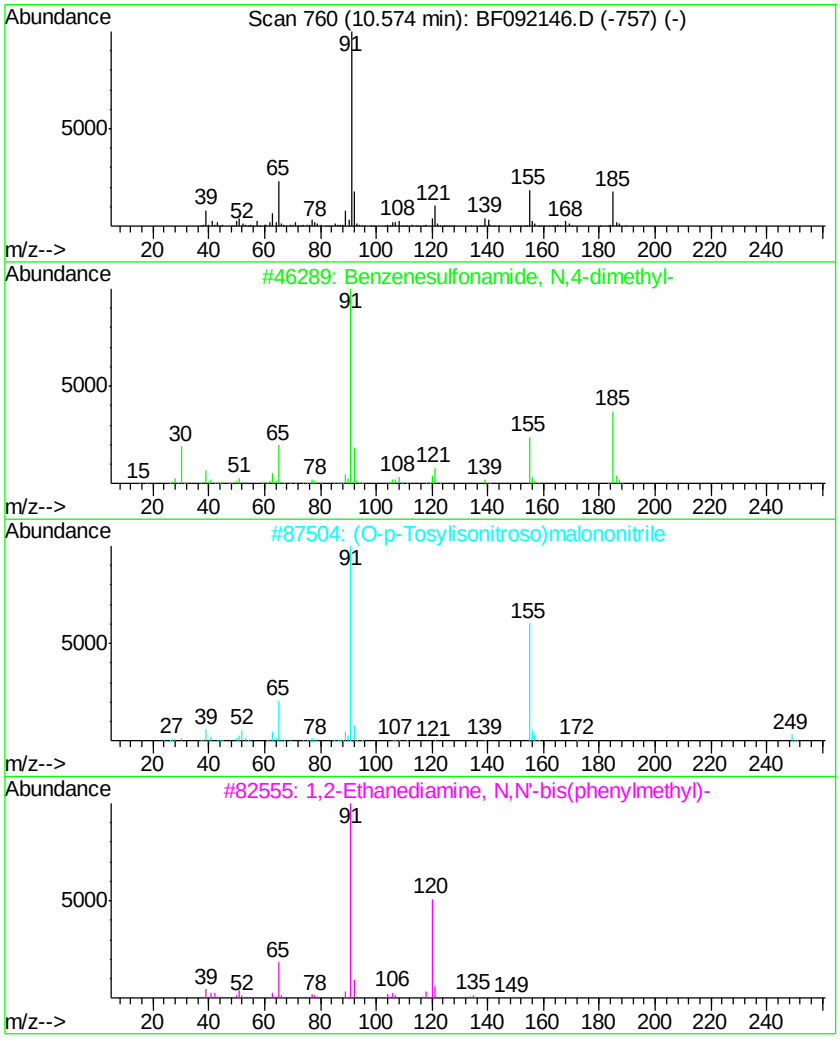
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

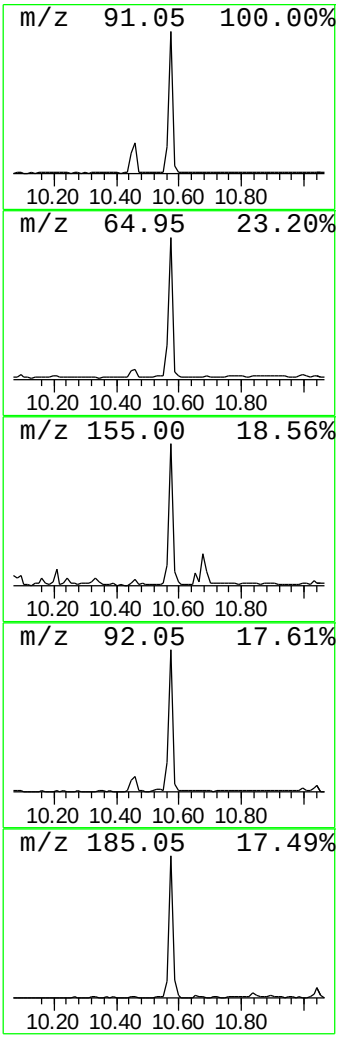
****

Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	7.15 ng	767947	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	87
2	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	47
4	Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	47
5	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

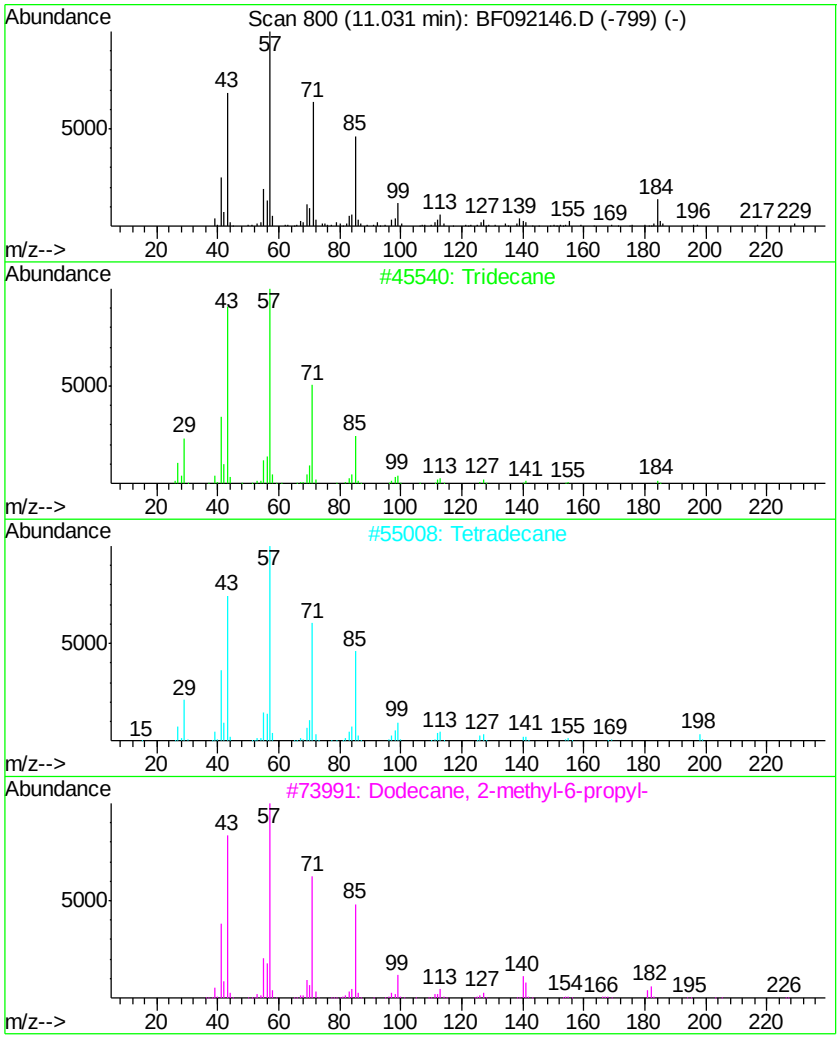
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

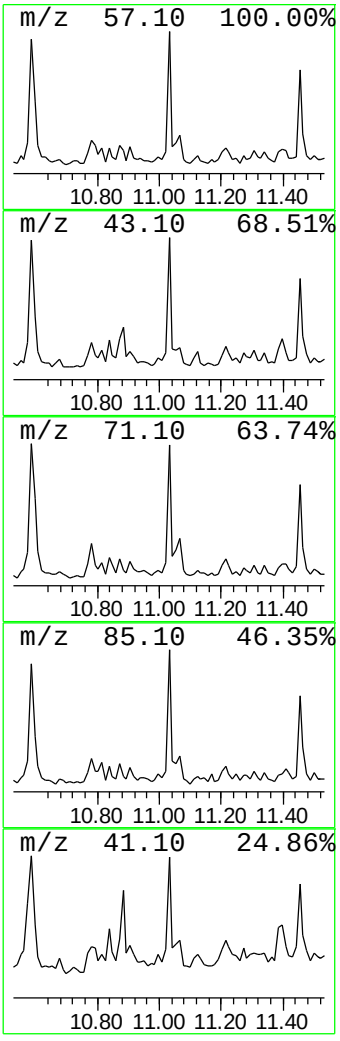
****

Peak Number 5 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.33 ng	250125	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

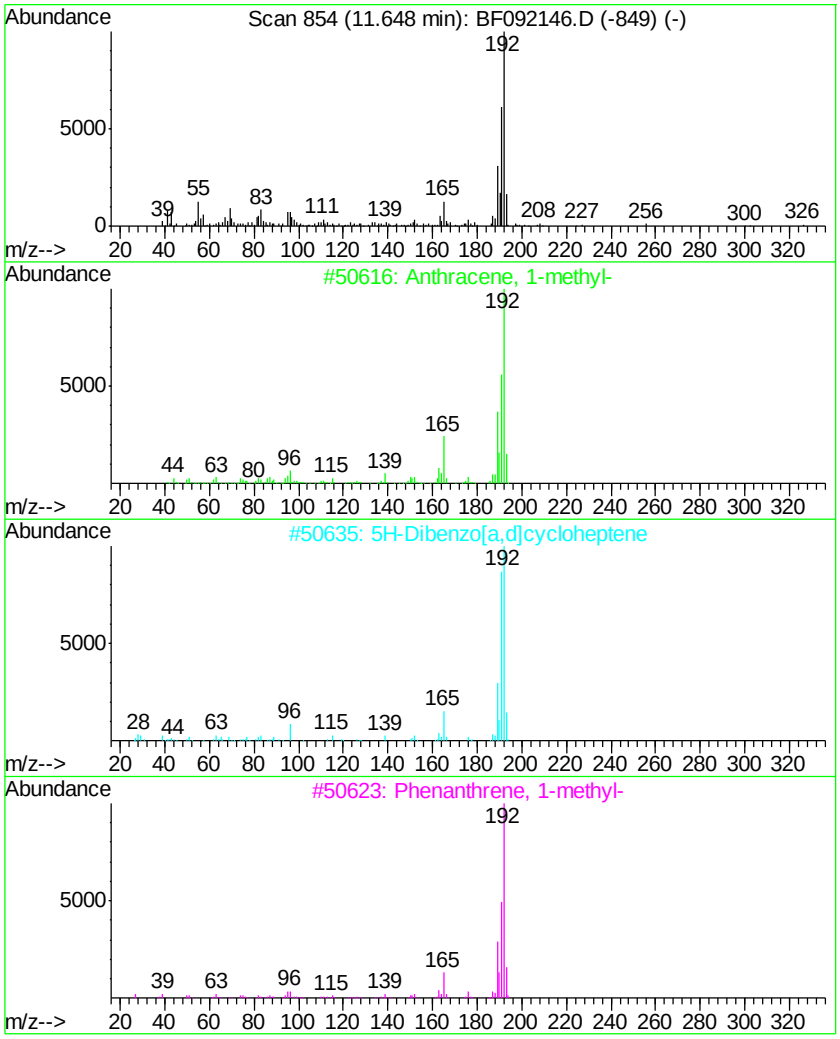
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

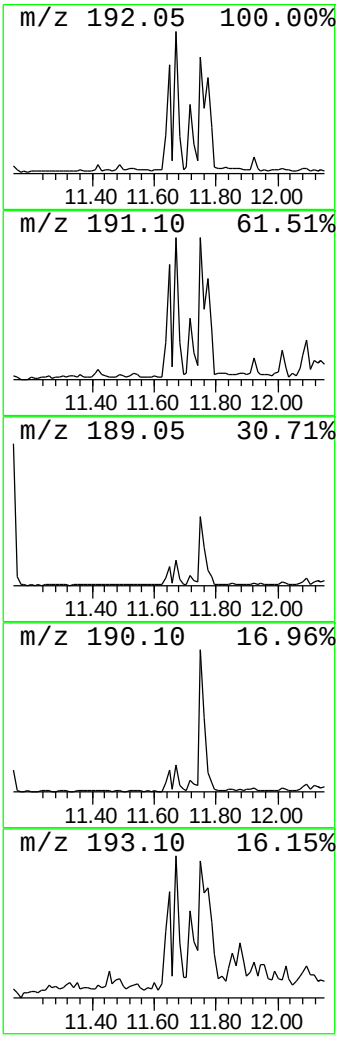
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.55 ng	488673	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

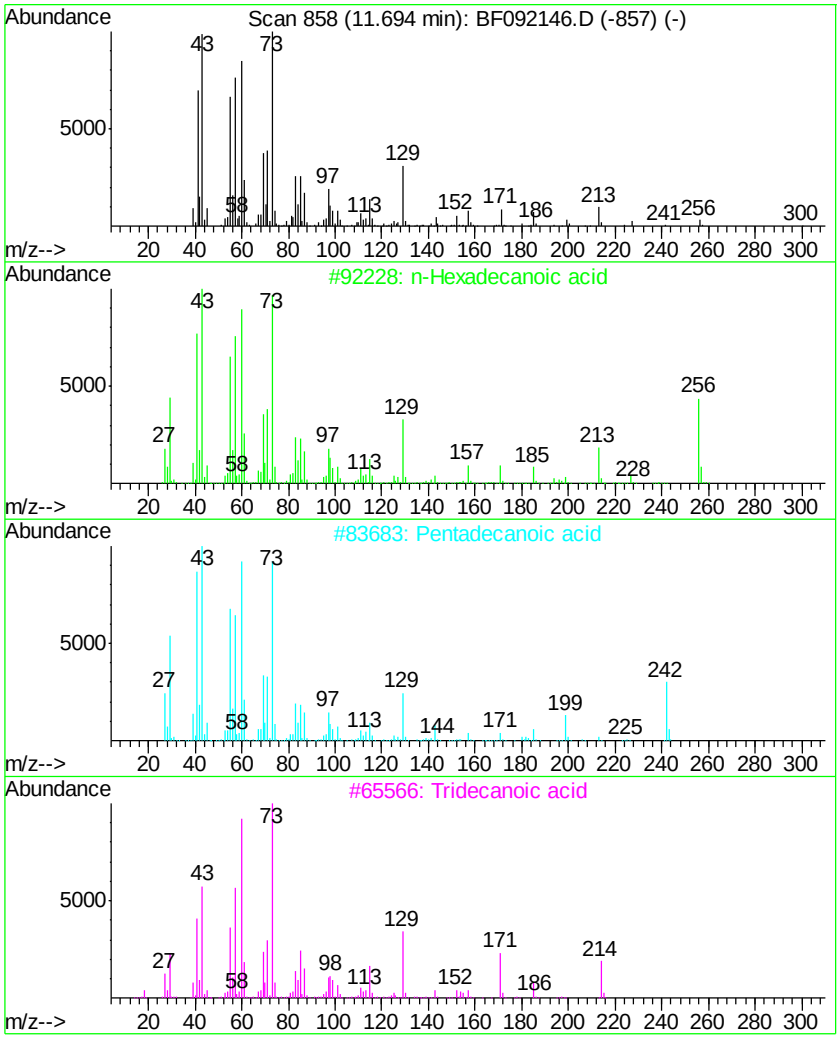
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

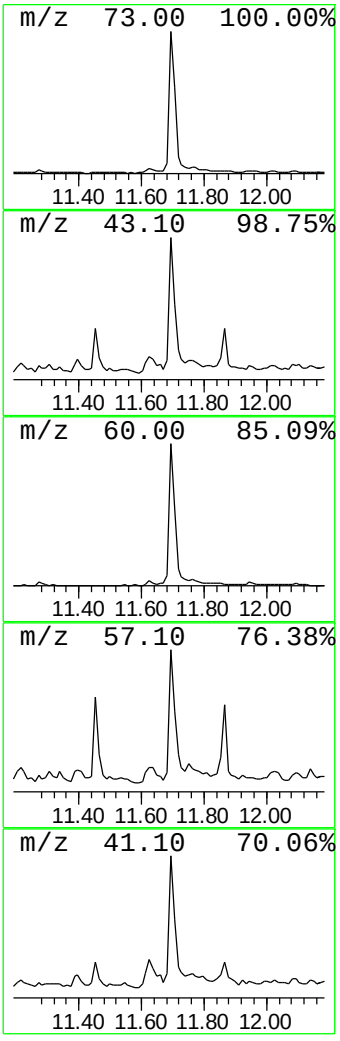
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	8.38 ng	900006	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	35
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	15





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

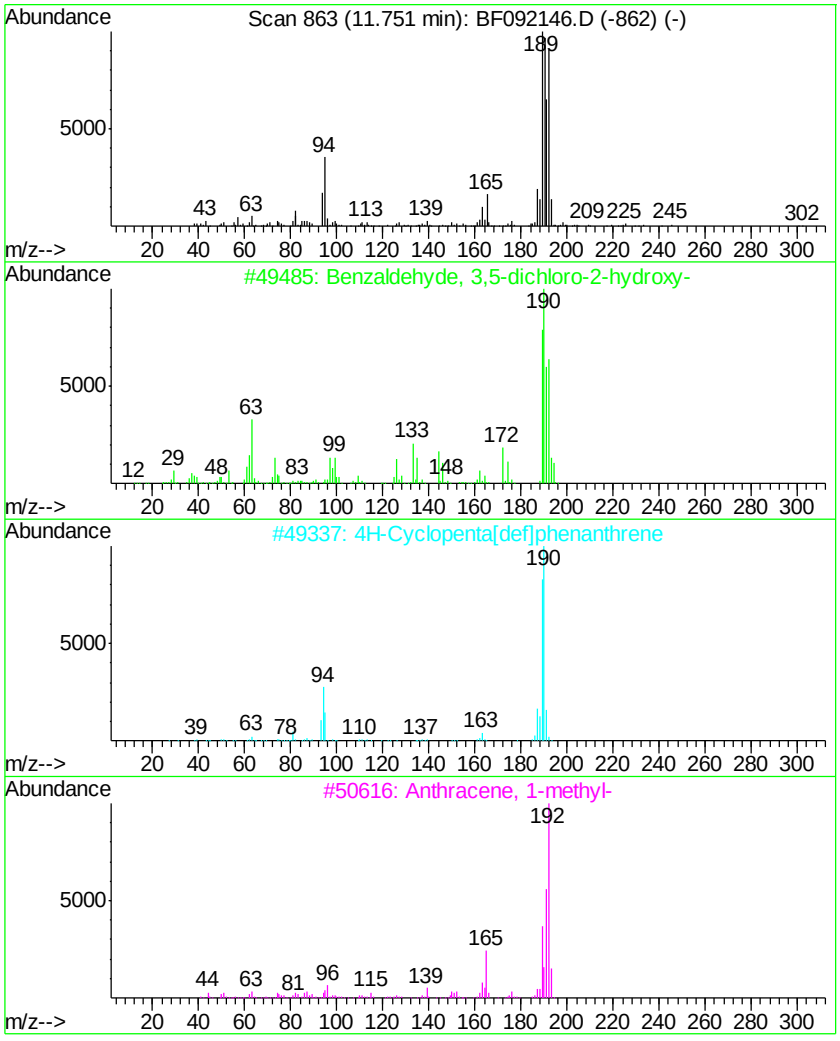
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

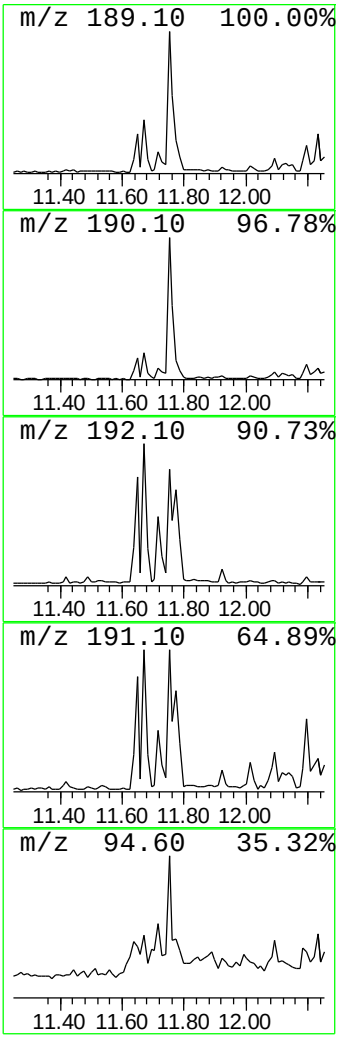
****

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.12 ng	657010	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

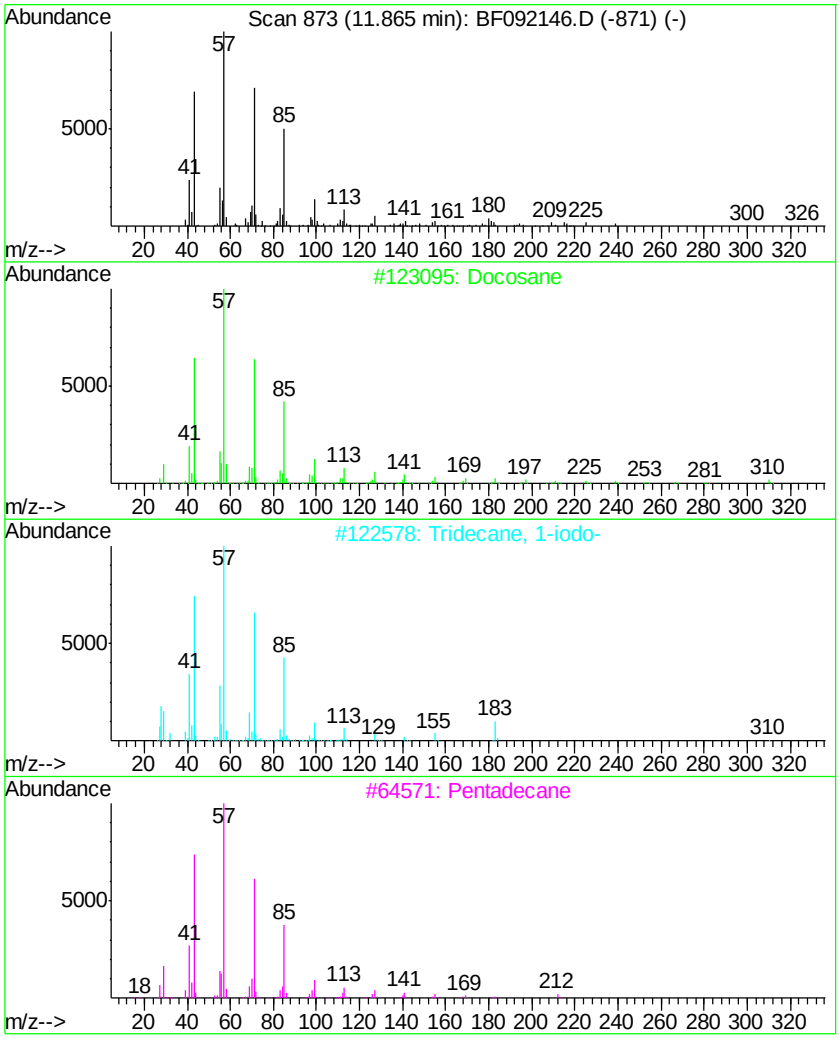
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

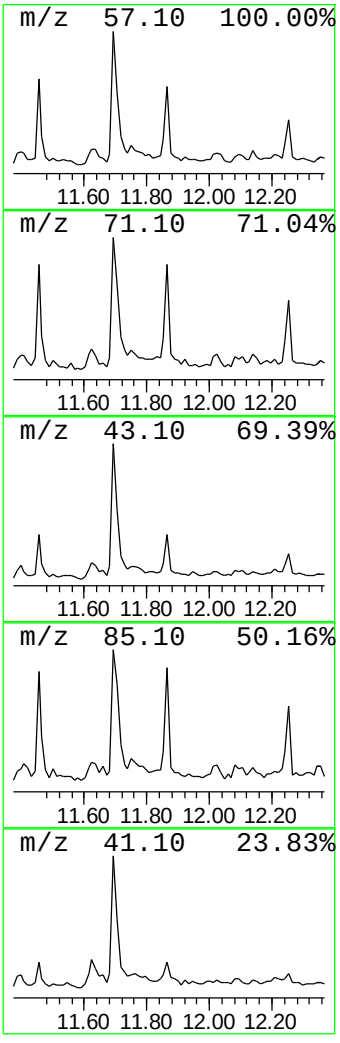
****

Peak Number 9 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.36 ng	253335	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

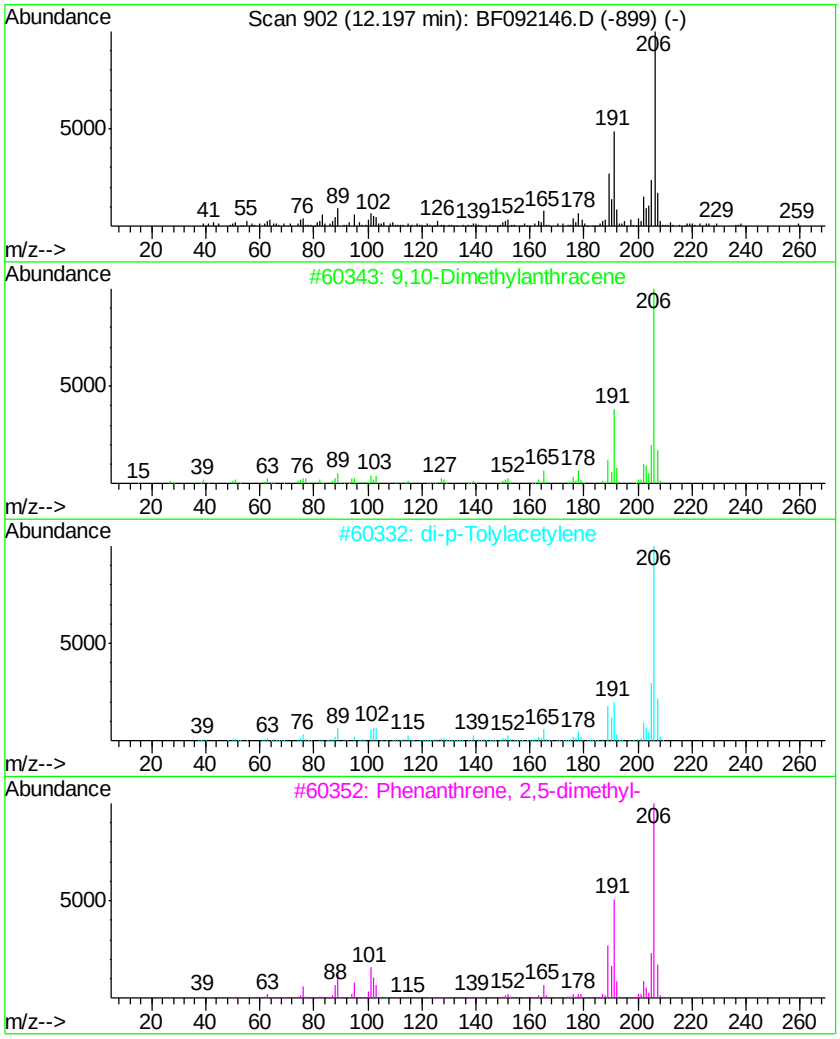
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

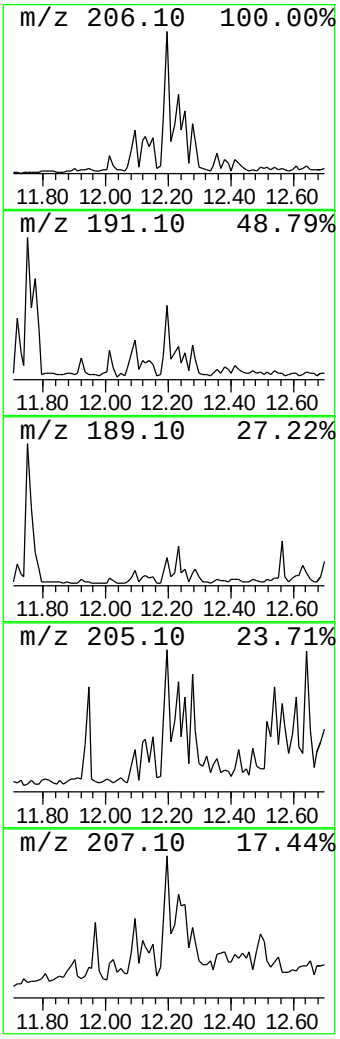
****

Peak Number 10 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.95 ng	316292	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

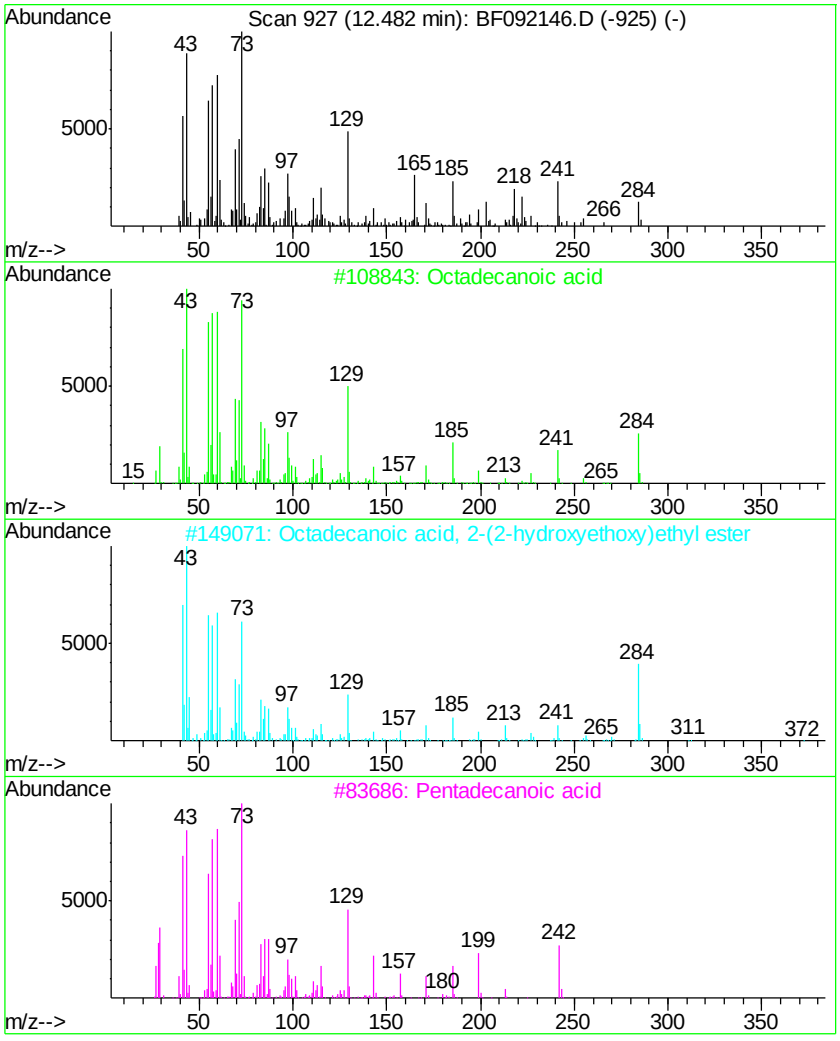
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

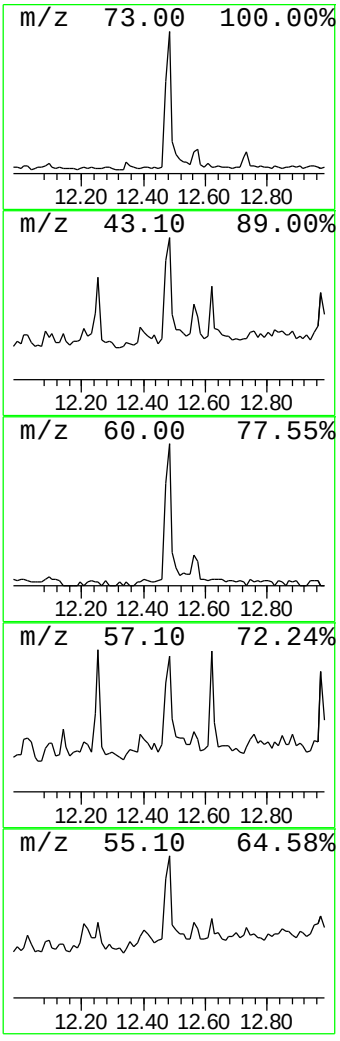
****

Peak Number 11 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.52 ng	390103	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

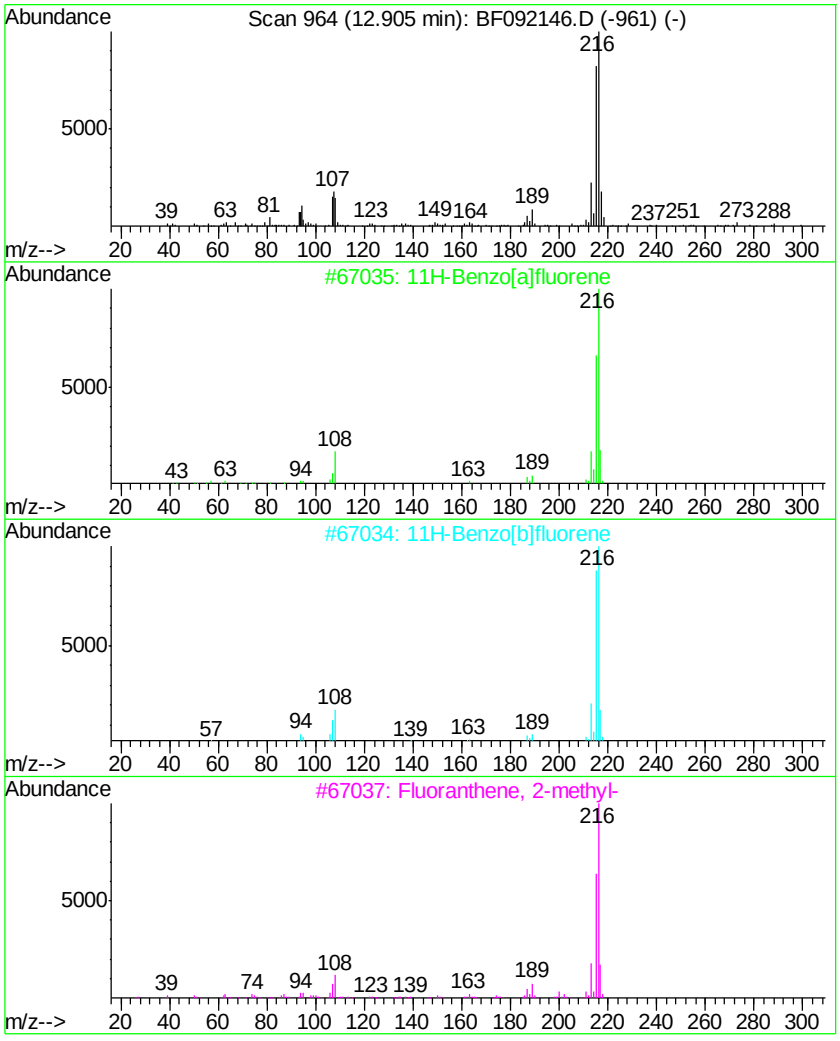
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

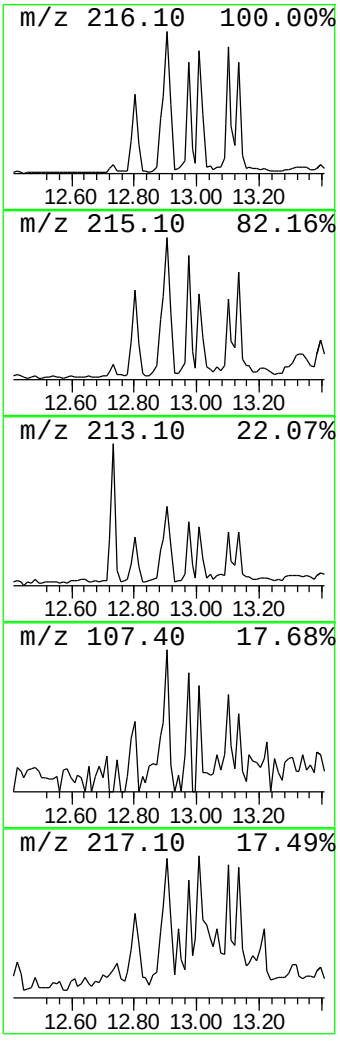
****

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.89 ng	320270	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

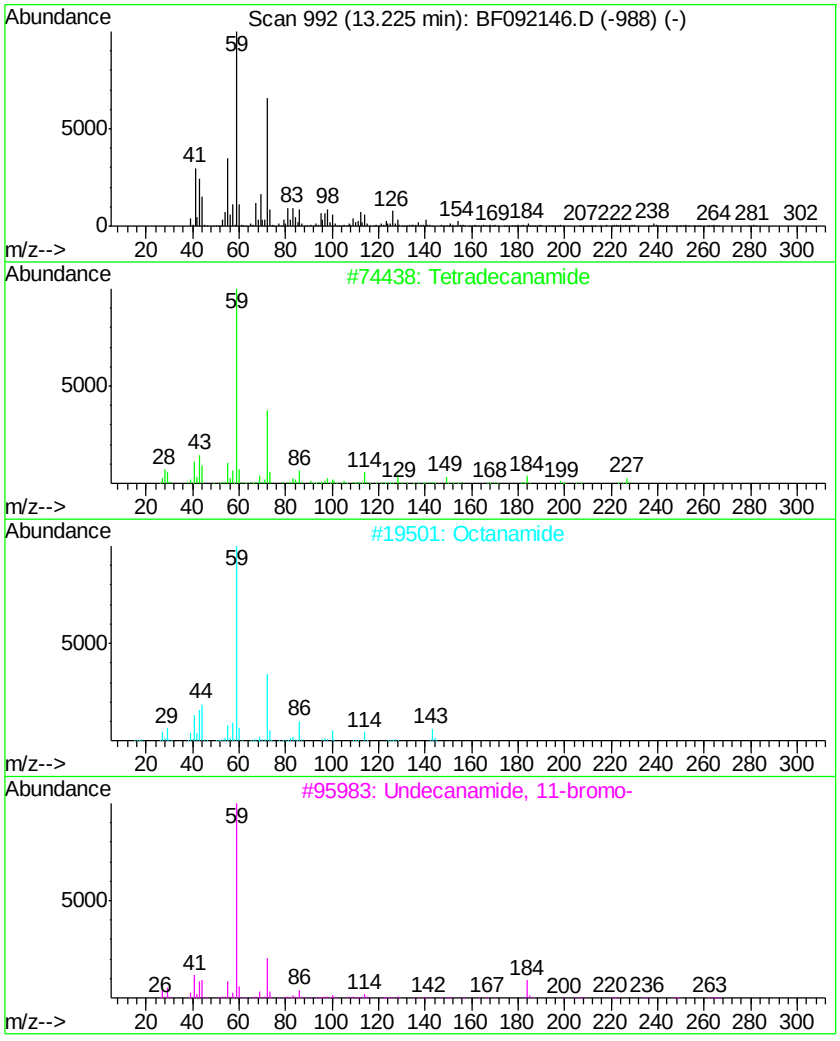
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

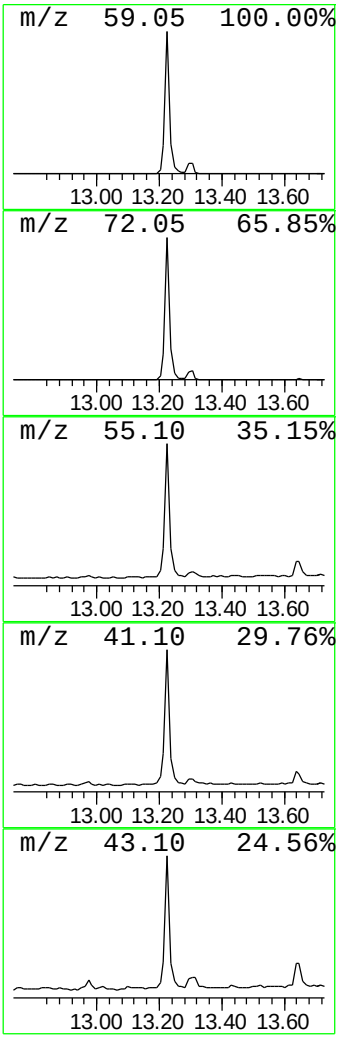
****

Peak Number 13 Tetradecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	17.07 ng	1891860	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	64
2	Octanamide	143	C8H17NO	000629-01-6	53
3	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5	6,8-Dichlorooctanamide	211	C8H15Cl2NO	003579-00-8	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

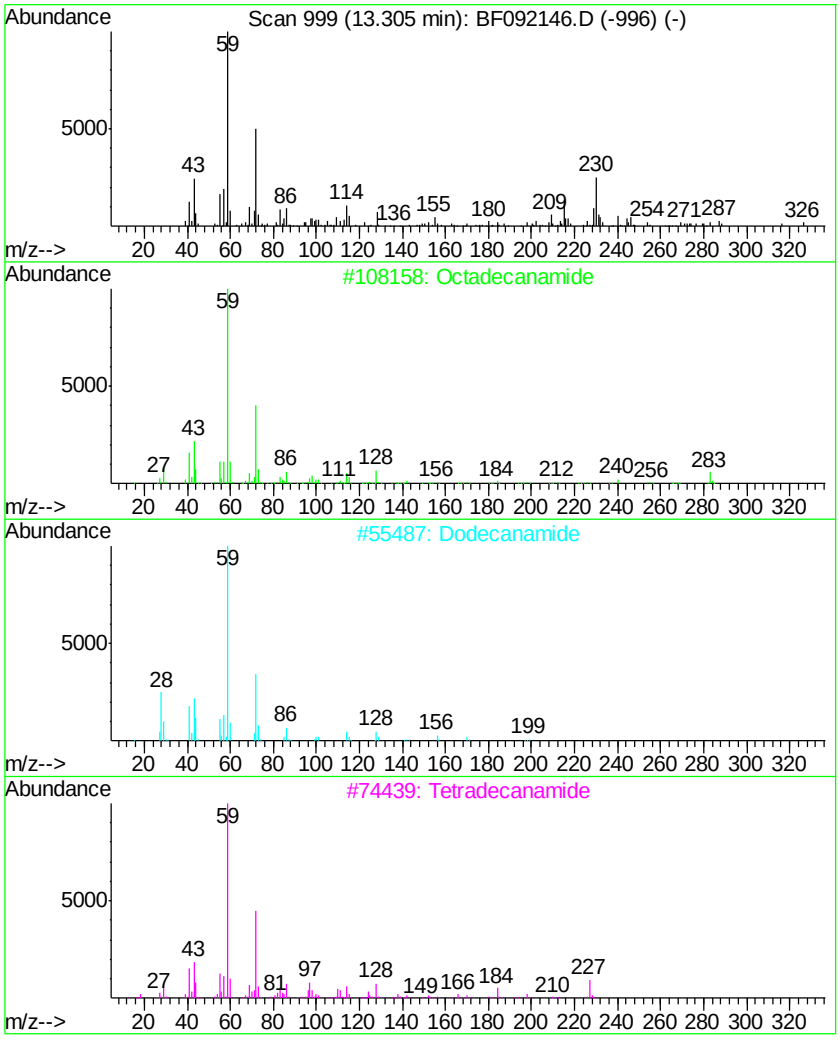
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

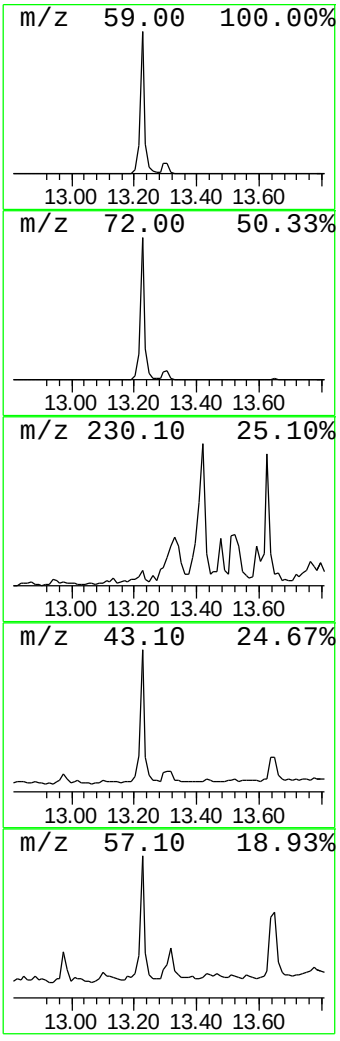
****

Peak Number 14 Octadecanamide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.35 ng	260299	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide	283	C18H37NO	000124-26-5	60
2	Dodecanamide	199	C12H25NO	001120-16-7	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	50
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
5	Hexadecanamide	255	C16H33NO	000629-54-9	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

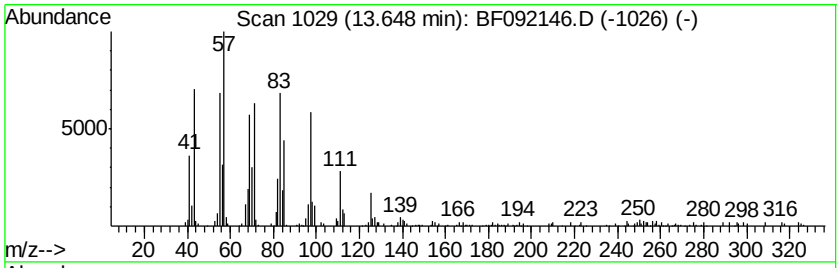
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

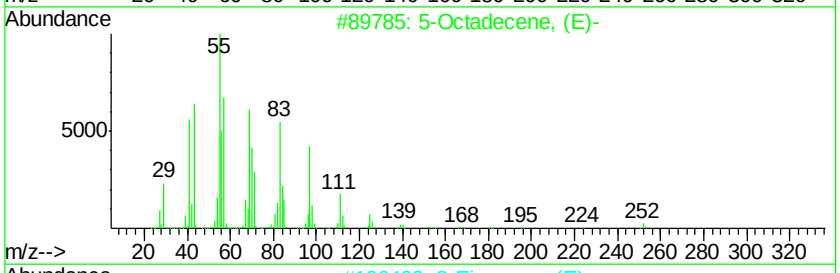
****

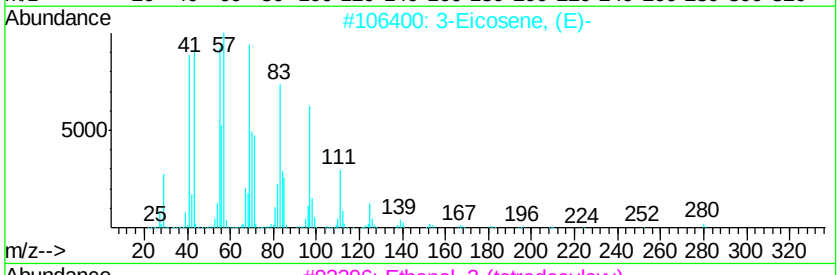
Peak Number 15 5-Octadecene, (E)- Concentration Rank 16

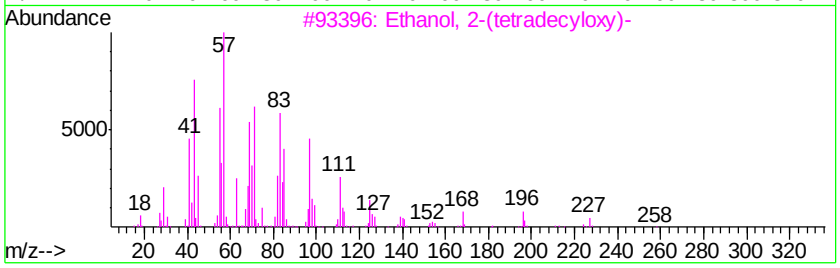
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.82 ng	312371	Chrysene-d12	13.77

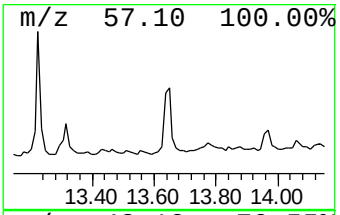
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	92
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	90

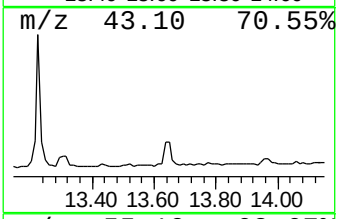


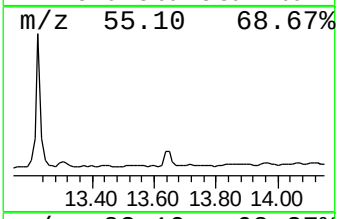


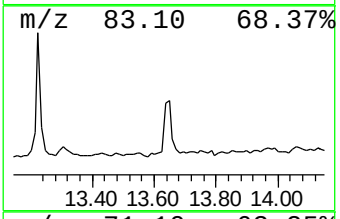


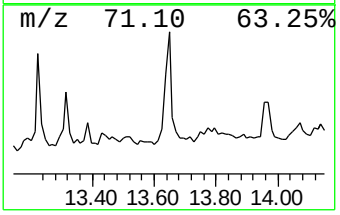












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

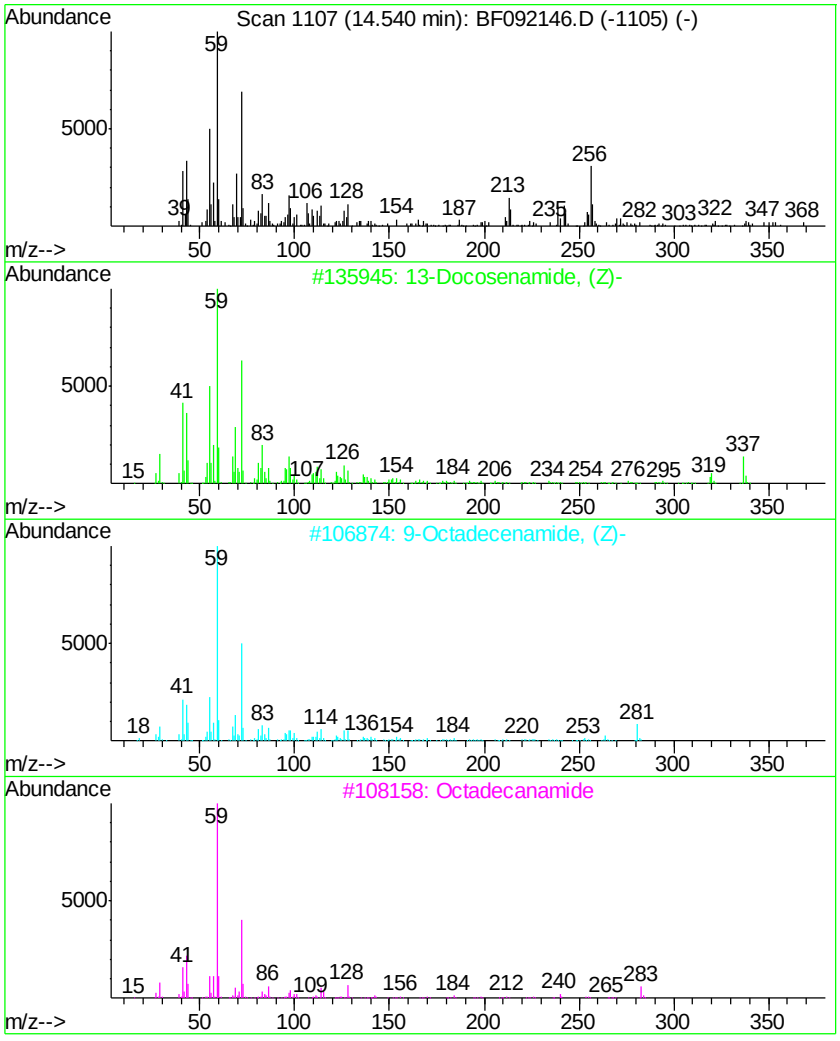
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

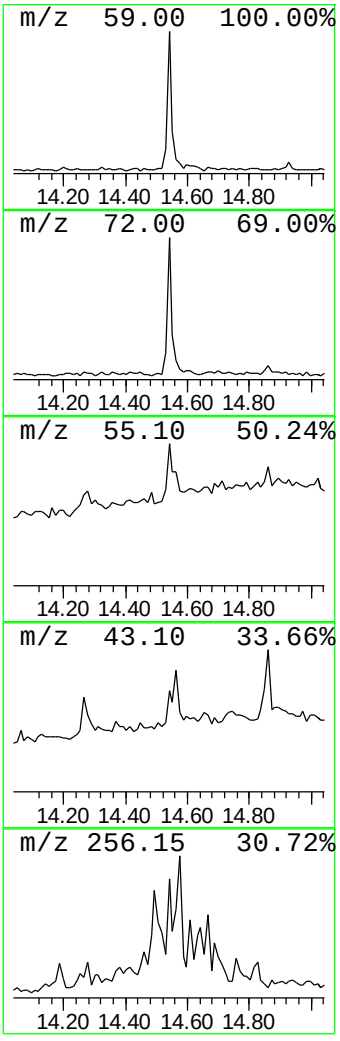
****

Peak Number 16 13-Docosenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.50 ng	151521	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	58
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
3	Octadecanamide	283	C18H37NO	000124-26-5	53
4	Behenic amide	339	C22H45NO	003061-75-4	52
5	Tetradecanamide	227	C14H29NO	000638-58-4	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

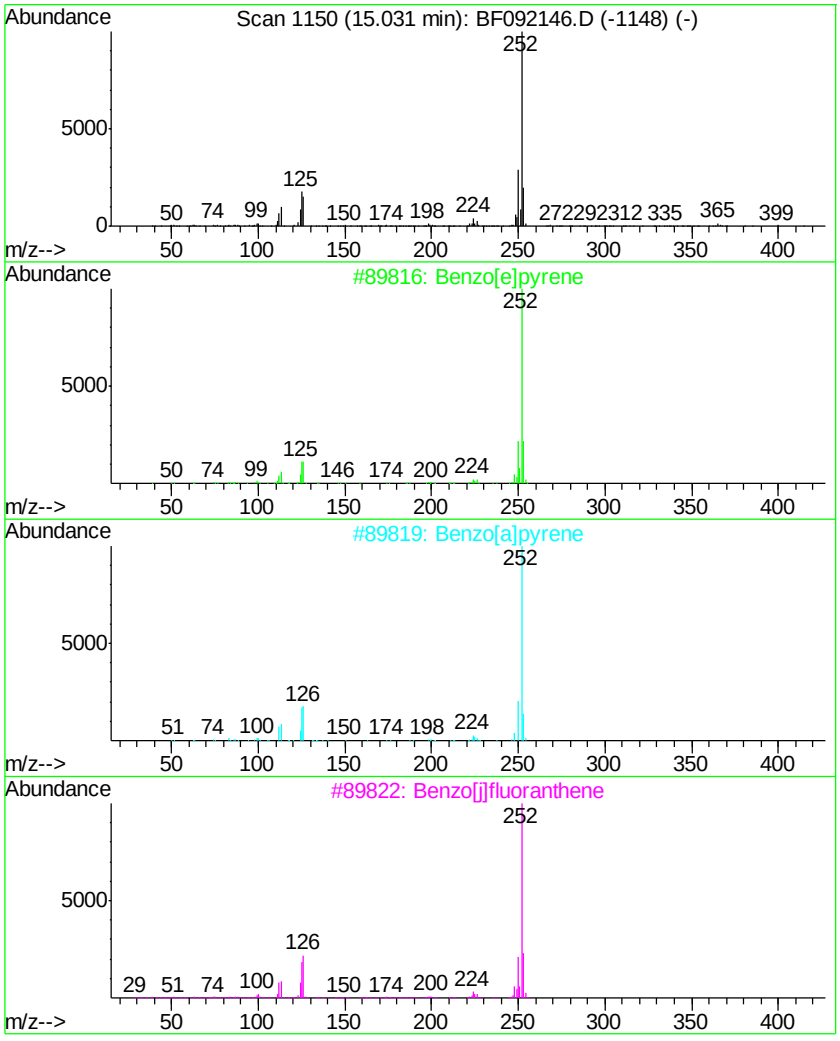
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

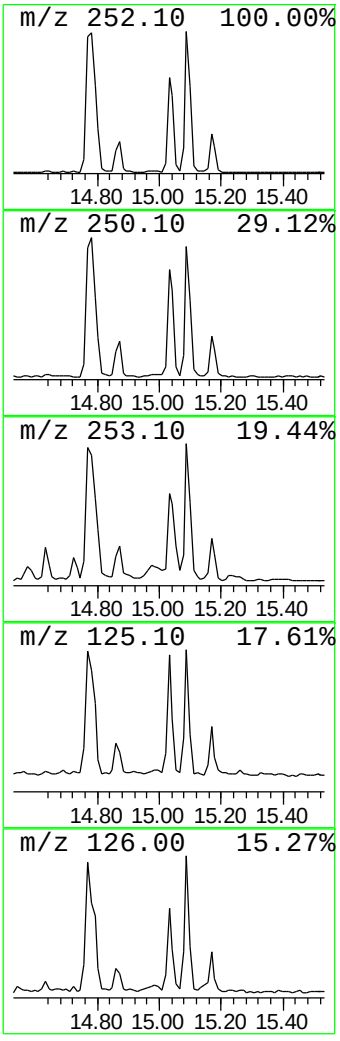
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	8.32 ng	504964	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

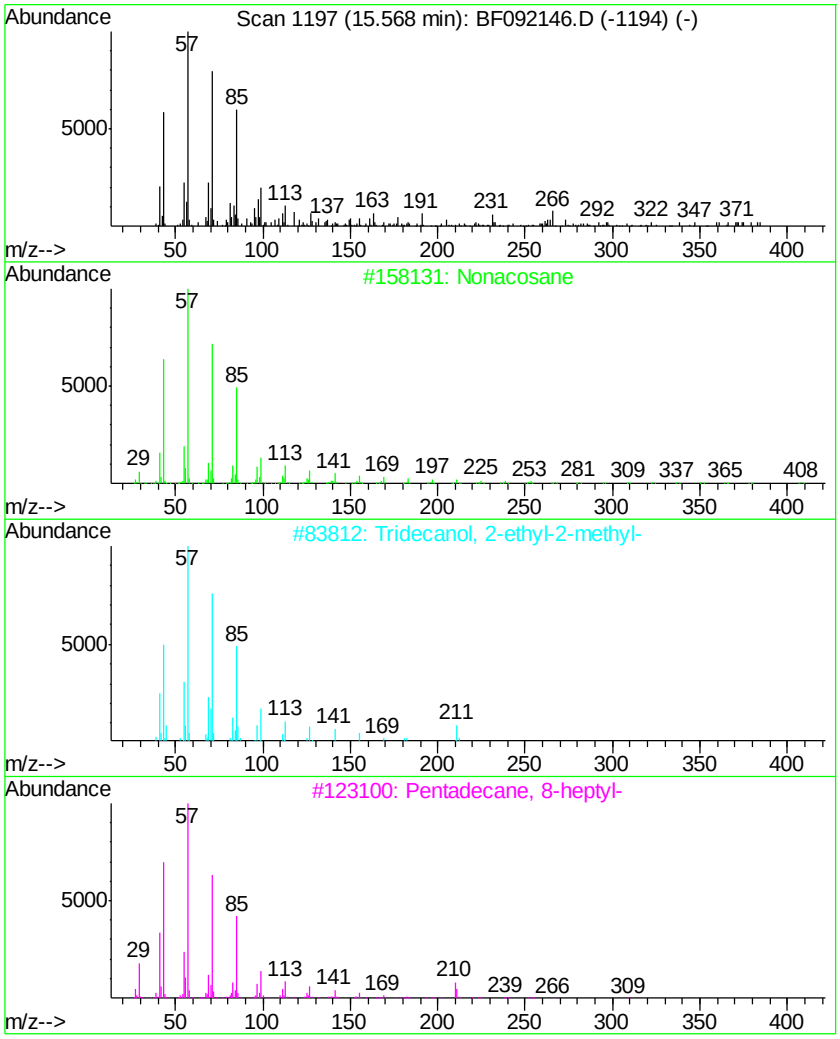
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

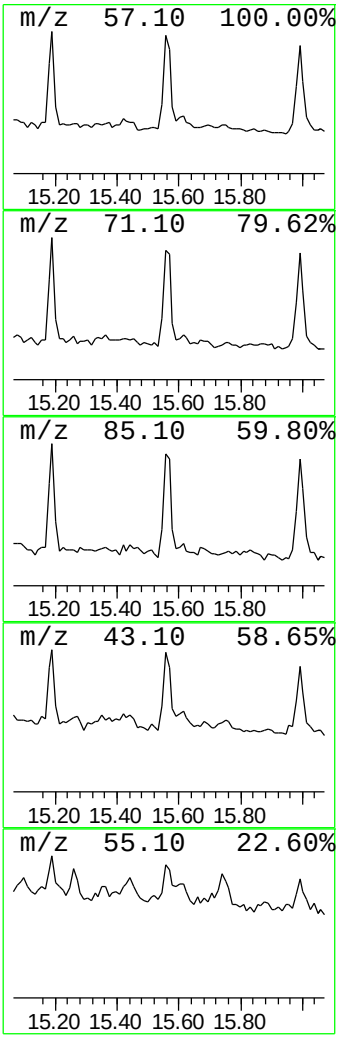
****

Peak Number 19 Nonacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.45 ng	209557	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	86
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

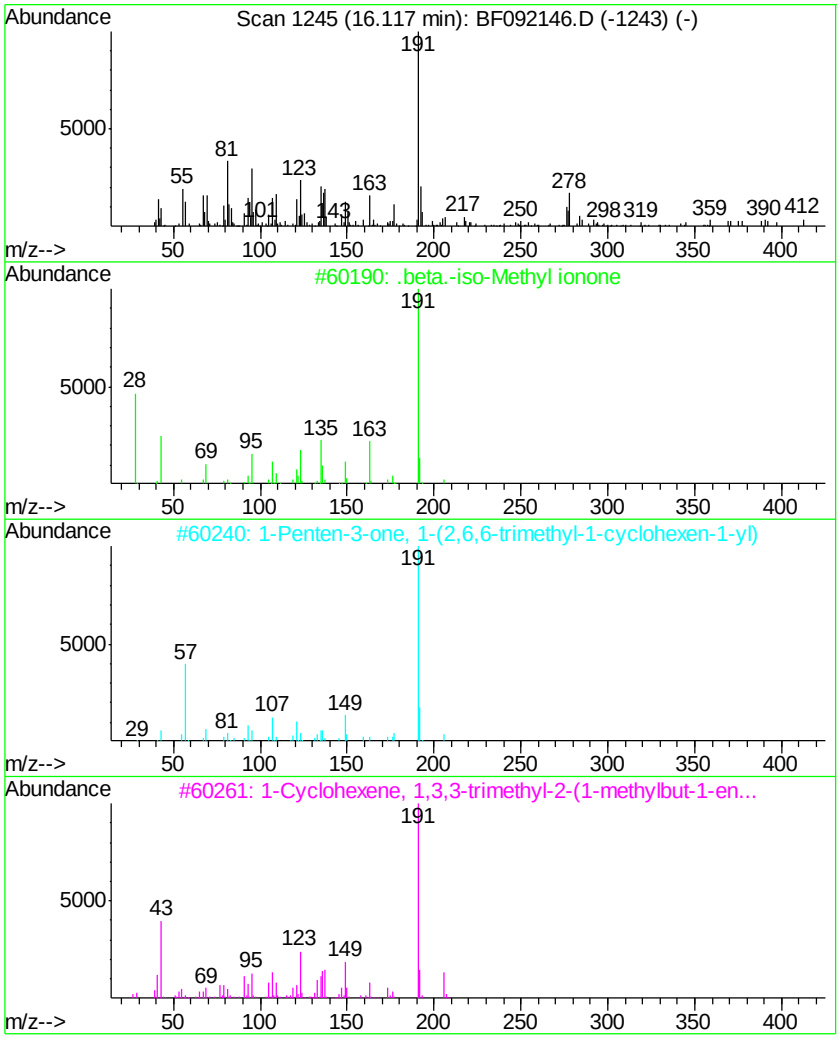
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

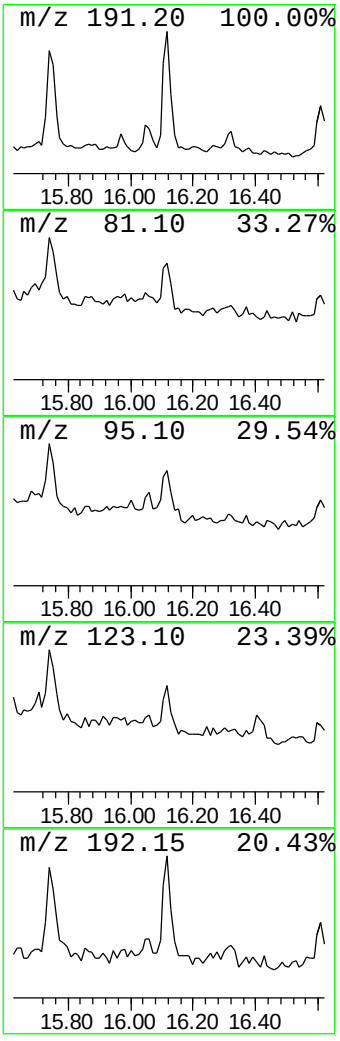
****

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	4.46 ng	270830	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	45
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
5	2,3-Dimethyl-6-(3-methyl-butyryl...	248	C15H20O3	071940-30-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092146.D
Acq On : 9 Jan 2017 19:15
Operator : UM/SJ
Sample : I1064-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5-6-COMP11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.77	39.7	ng	2358710	1	6.63	1188320	20.0
unknown6.40	6.40	96.5	ng	5736640	1	6.63	1188320	20.0
Benzenesulfonamid...	10.57	7.2	ng	767947	4	11.15	2147170	20.0
Tridecane	11.03	2.3	ng	250125	4	11.15	2147170	20.0
Anthracene, 1-met...	11.65	4.5	ng	488673	4	11.15	2147170	20.0
n-Hexadecanoic acid	11.69	8.4	ng	900006	4	11.15	2147170	20.0
Benzaldehyde, 3,5...	11.75	6.1	ng	657010	4	11.15	2147170	20.0
Docosane	11.87	2.4	ng	253335	4	11.15	2147170	20.0
9,10-Dimethylanth...	12.20	3.0	ng	316292	4	11.15	2147170	20.0
Octadecanoic acid	12.48	3.5	ng	390103	5	13.77	2216180	20.0
11H-Benzo[a]fluorene	12.91	2.9	ng	320270	5	13.77	2216180	20.0
Tetradecanamide	13.23	17.1	ng	1891860	5	13.77	2216180	20.0
Octadecanamide	13.31	2.4	ng	260299	5	13.77	2216180	20.0
5-Octadecene, (E)-	13.65	2.8	ng	312371	5	13.77	2216180	20.0
13-Docosenamide, ...	14.54	2.5	ng	151521	6	15.15	1214420	20.0
Benzo[e]pyrene	15.03	8.3	ng	504964	6	15.15	1214420	20.0
Nonacosane	15.57	3.5	ng	209557	6	15.15	1214420	20.0
.beta.-iso-Methyl...	16.12	4.5	ng	270830	6	15.15	1214420	20.0