LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

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-BF103015.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	5.104	260	264	270	rVB	2341623	3352828	49.55%	3.987%
2	5.516	297	300	302	rBV	5888544	6245364	92.29%	7.427%
3	6.533	386	389	392	rVB	5140048	6766925	100.00%	8.047%
4	6.670	398	401	404	rBV	5928404	6295657	93.04%	7.487%
5	6.899	419	421	423	rBV	1360790	1419123	20.97%	1.688%
6	7.059	433	435	438	rVB	4544566	4463385	65.96%	5.308%
7	7.470	467	471	473	rBV	3944626	4824003	71.29%	5.737%
8	7.573	476	480	482	rVB	247611	359757	5.32%	0.428%
9	7.916	507	510	512	rBV	101185	117855	1.74%	0.140%
10	8.099	524	526	528	rBV	95343	97475	1.44%	0.116%
11	8.190	532	534	536	rBV	2296881	1976085	29.20%	2.350%
12	8.533	561	564	566	rBV	68283	107937	1.60%	0.128%
13	9.150	616	618	620	rBV	120970	120442	1.78%	0.143%
14	9.276	626	629	631	rBV	5464889	6301141	93.12%	7.493%
15	9.402	638	640	643	rVB3	43913	72547	1.07%	0.086%
16	9.607	654	658	661	rBV2	86049	163810	2.42%	0.195%
17	9.665	661	663	665	rBV	2962694	2438061	36.03%	2.899%
18	9.893	679	683	685	rVB	149095	150572	2.23%	0.179%
19	9.950	685	688	689	rBV	2169864	2106509	31.13%	2.505%
20	9.973	689	690	694	rVB	148493	192617	2.85%	0.229%
21	10.145	704	705	707	rVV	166524	196877	2.91%	0.234%
22	10.248	712	714	717	rVV3	58691	128814	1.90%	0.153%
23	10.362	719	724	725	rBV	122143	164498	2.43%	0.196%
24	10.396	725	727	728	rVB	138859	169399	2.50%	0.201%
25	10.465	728	733	734	rBV5	28201	98115	1.45%	0.117%
26	10.488	734	735	739	rVB	230400	248308	3.67%	0.295%
27	10.613	744	746	748	rBV	124260	155857	2.30%	0.185%
28	10.648	748	749	752	rVB3	75157	113102	1.67%	0.134%
29	10.739	754	757	759	rBV	4308793	4908911	72.54%	5.838%
30	10.865	766	768	772	rVB	304438	409369	6.05%	0.487%
31	10.956	774	776	778	rVV2	104928	119190	1.76%	0.142%
32	11.070	780	786	787	rBV6	80169	252530	3.73%	0.300%
33	11.093	787	788	790	rVV2	66919	100330	1.48%	0.119%
34	11.185	794	796	799	rVB3	61338	117311	1.73%	0.140%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.288	803	805	806	rBV	51702	96379	1.42%	0.115%
36	11.310	806	807	813	rVB2	218882	421472	6.23%	0.501%
37	11.436	816	818	819	rBV	1769731	2368190	35.00%	2.816%
38	11.459	819	820	821	rVV	1964925	1348923	19.93%	1.604%
39	11.505	821	824	826	rVV	632950	526737	7.78%	0.626%
40	11.653	834	837	839	rBV2	99888	138072	2.04%	0.164%
41	11.745	842	845	848	rVB3	83027	164943	2.44%	0.196%
42	11.905	856	859	860	rBV3	32492	70234	1.04%	0.084%
43	11.928	860	861	863	rVV	152333	258163	3.82%	0.307%
44	11.962	863	864	866	rVV2	571730	817931	12.09%	0.973%
45	12.008	866	868	869	rVV	181746	201875	2.98%	0.240%
46	12.042	869	871	876	rVB2	335573	551477	8.15%	0.656%
47	12.145	876	880	882	rBV3	68548	144098	2.13%	0.171%
48	12.225	886	887	890	rBV2	124200	212102	3.13%	0.252%
49	12.431	902	905	908	rBV3	90692	143913	2.13%	0.171%
50	12.488	908	910	911	rVV	152342	180004	2.66%	0.214%
51	12.522	911	913	916	rVB2	73069	134005	1.98%	0.159%
52	12.648	922	924	926	rBV	1952941	1886476	27.88%	2.243%
53	12.682	926	927	932	rVV4	99931	206033	3.04%	0.245%
54	12.751	932	933	936	rVV	349223	582275	8.60%	0.692%
55	12.831	939	940	941	rVV	133166	140882	2.08%	0.168%
56	12.876	941	944	946	rVV	1136128	2049203	30.28%	2.437%
57	12.934	946	949	951	rVV3	96989	200183	2.96%	0.238%
58	12.991	952	954	955	rVV	123883	143359	2.12%	0.170%
59	13.025	955	957	959	rVV	5527691	5187863	76.66%	6.169%
60	13.094	959	963	967	rVV3	93611	255734	3.78%	0.304%
61	13.162	967	969	970	rVV	308428	341113	5.04%	0.406%
62	13.196	970	972	974	rVV2	172396	319005	4.71%	0.379%
63	13.265	977	978	980	rVV	203690	187478	2.77%	0.223%
64	13.299	980	981	985	rVV4	119578	206904	3.06%	0.246%
65	13.391	988	989	991	rVB	56687	69954	1.03%	0.083%
66	13.425	991	992	997	rBV2	80686	123477	1.82%	0.147%
67	13.505	997	999	1001	rVB	119627	148167	2.19%	0.176%
68	13.562	1001	1004	1006	rBV	292199	277284	4.10%	0.330%
69	13.654	1011	1012	1013	rVV	147729	141146	2.09%	0.168%
70	13.688	1013	1015	1021	rVV2	224146	520093	7.69%	0.618%
71	13.814	1024	1026	1028	rVV2	110209	195430	2.89%	0.232%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.848	1028	1029	1030	rVV	131990	128198	1.89%	0.152%
73	13.871	1030	1031	1033	rVV2	124598	169769	2.51%	0.202%
74	13.928	1035	1036	1039	rVV	313652	482573	7.13%	0.574%
75	13.996	1039	1042	1044	rVV2	115223	229196	3.39%	0.273%
76	14.065	1045	1048	1053	rVV2	1541212	2717219	40.15%	3.231%
77	14.179	1055	1058	1059	rVV2	82613	139726	2.06%	0.166%
78	14.259	1063	1065	1066	rVV	84140	120510	1.78%	0.143%
79	14.282	1066	1067	1072	rVB4	55115	117745	1.74%	0.140%
80	14.454	1080	1082	1084	rVB	87485	108994	1.61%	0.130%
81	14.579	1089	1093	1094	rBV3	73175	180498	2.67%	0.215%
82	14.751	1106	1108	1112	rBV4	39159	98736	1.46%	0.117%
83	15.105	1136	1139	1144	rBV	353019	754257	11.15%	0.897%
84	15.208	1145	1148	1150	rVB	111230	119852	1.77%	0.143%
85	15.402	1162	1165	1167	rBV	158985	242780	3.59%	0.289%
86	15.459	1167	1170	1173	rVB	299869	367847	5.44%	0.437%
87	15.528	1173	1176	1177	rBV	790563	1216189	17.97%	1.446%
88	16.077	1221	1224	1228	rVB3	48391	107419	1.59%	0.128%
89	16.522	1260	1263	1268	rBV5	27309	80290	1.19%	0.095%
90	16.945	1297	1300	1304	rVB2	139969	280655	4.15%	0.334%
91	17.368	1334	1337	1346	rVB	112722	267539	3.95%	0.318%
92	17.585	1352	1356	1366	rVB2	49582	178519	2.64%	0.212%
93	19.586	1522	1531	1538	rVB4	27828	178221	2.63%	0.212%
94	19.734	1538	1544	1549	rBV3	21665	89700	1.33%	0.107%

Sum of corrected areas: 84091713

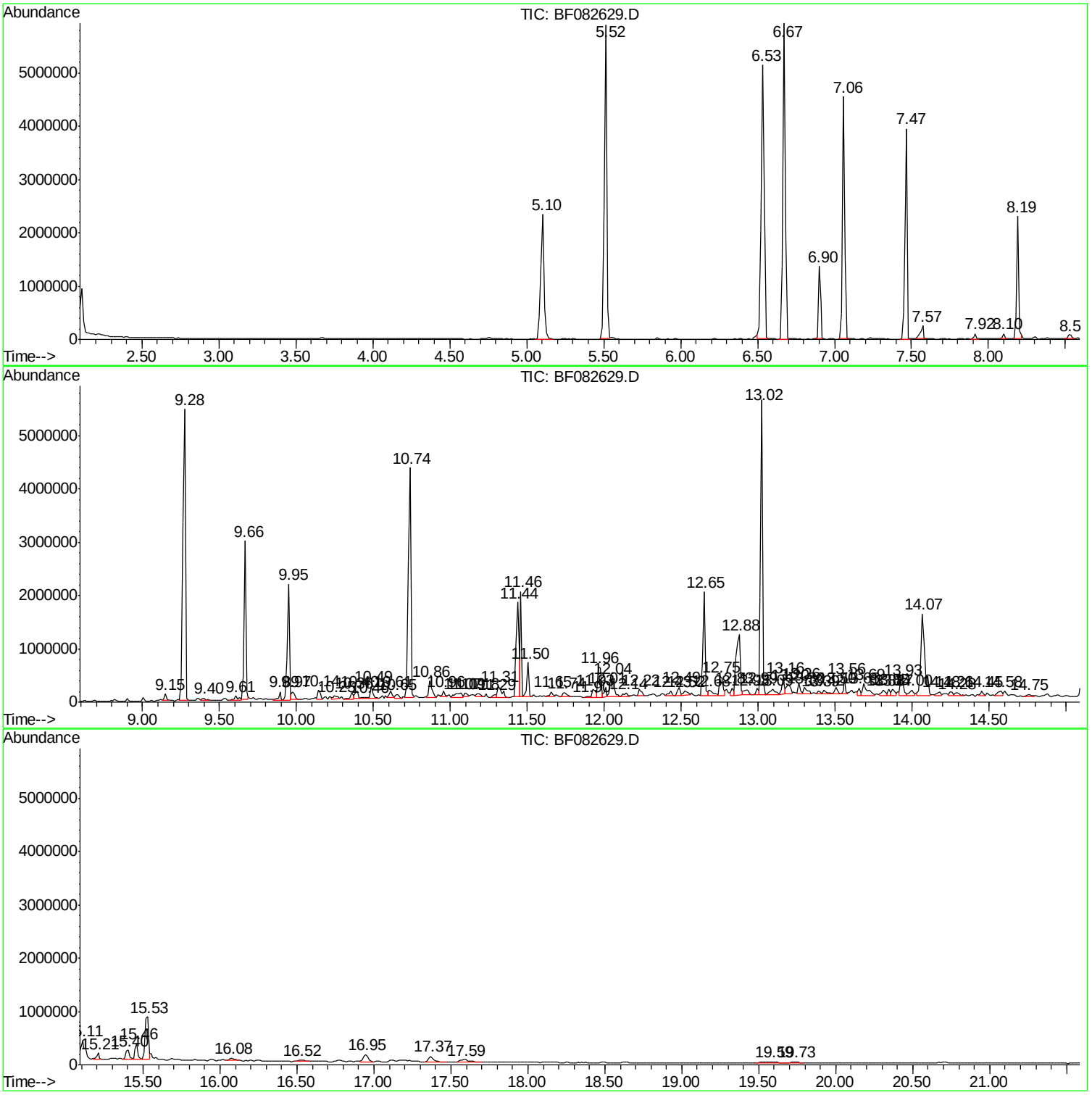
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

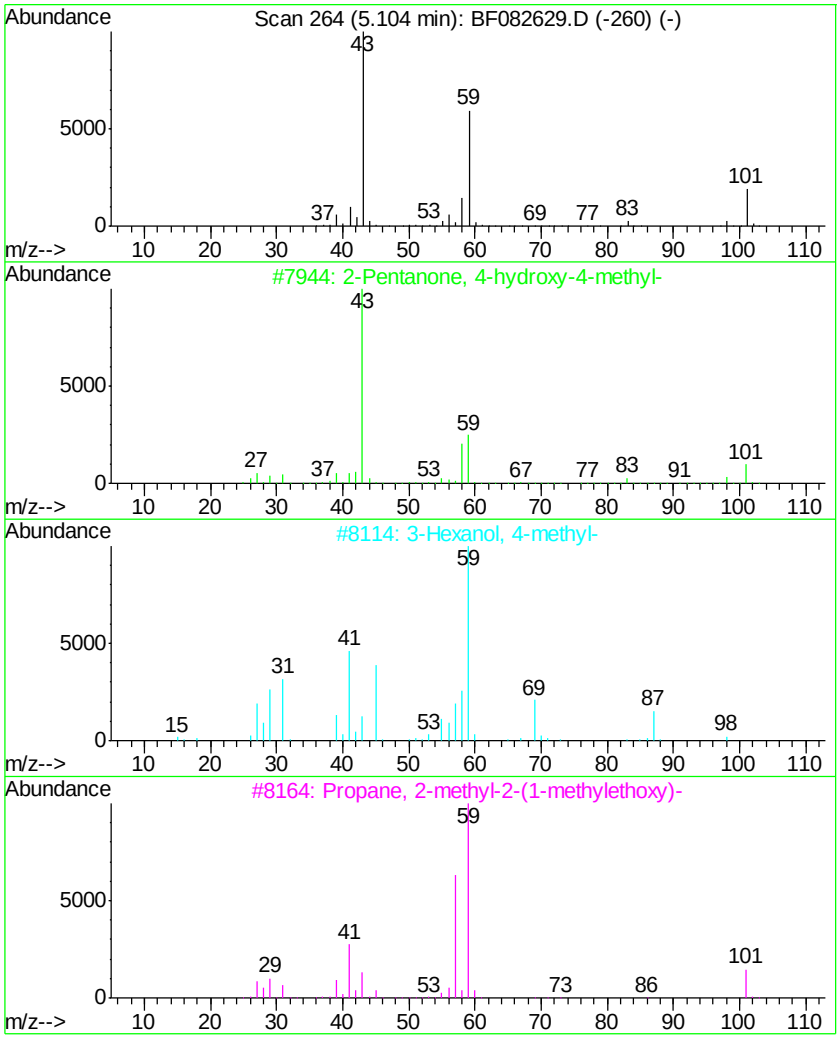
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

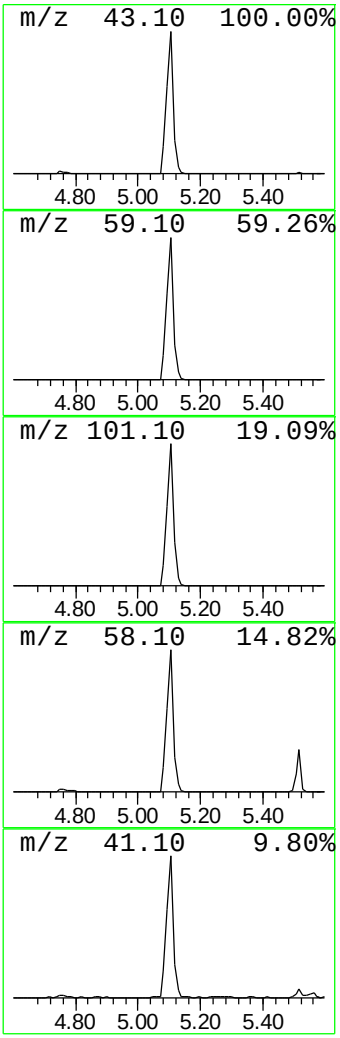
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	47.25 ng	3352830	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

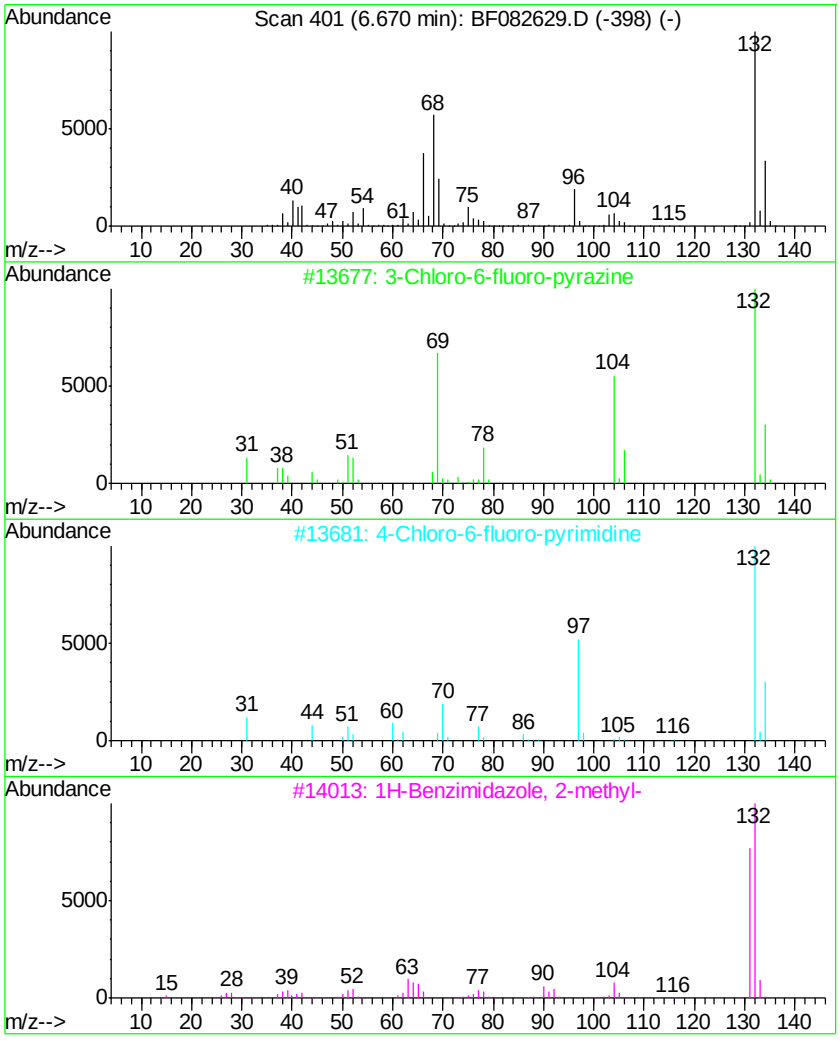
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

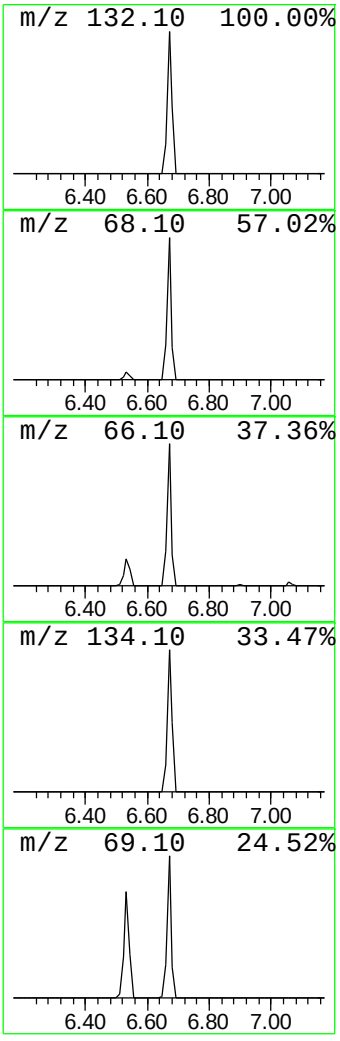
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	88.73 ng	6295660	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

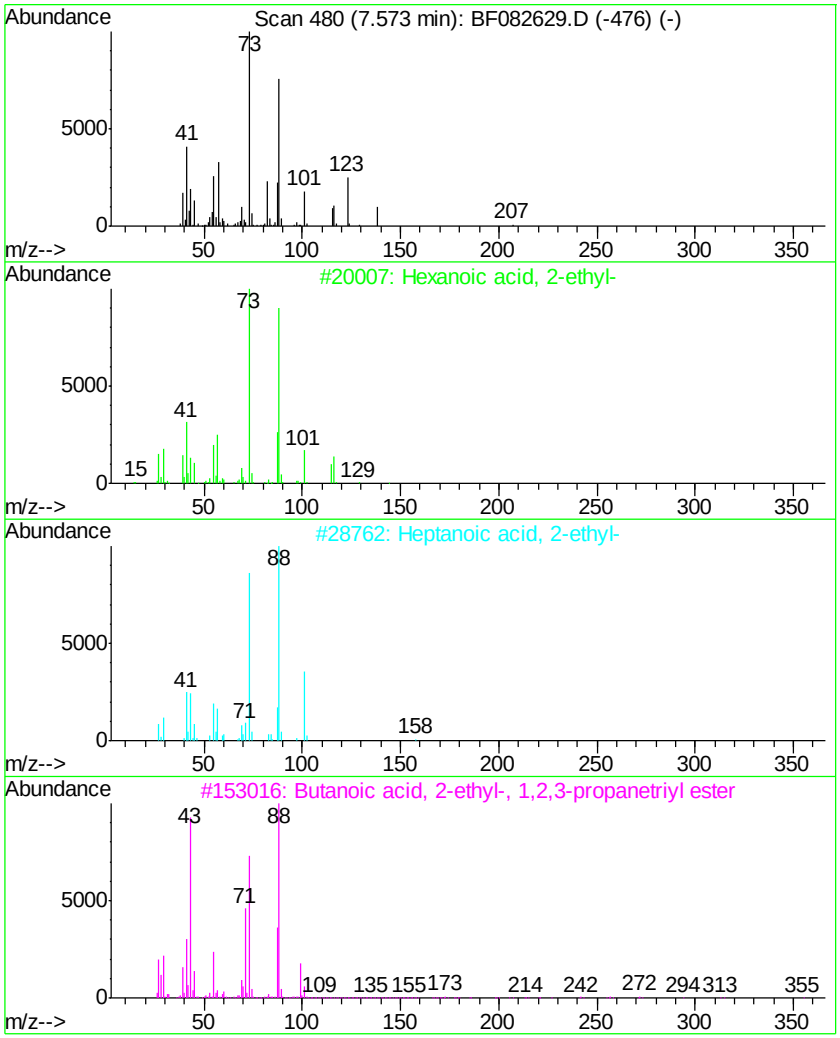
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

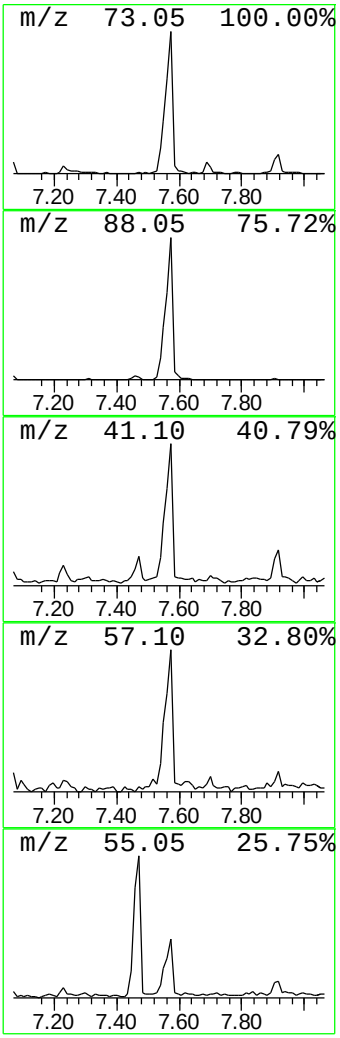
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.64 ng	359757	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	47
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	37
4	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	32
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

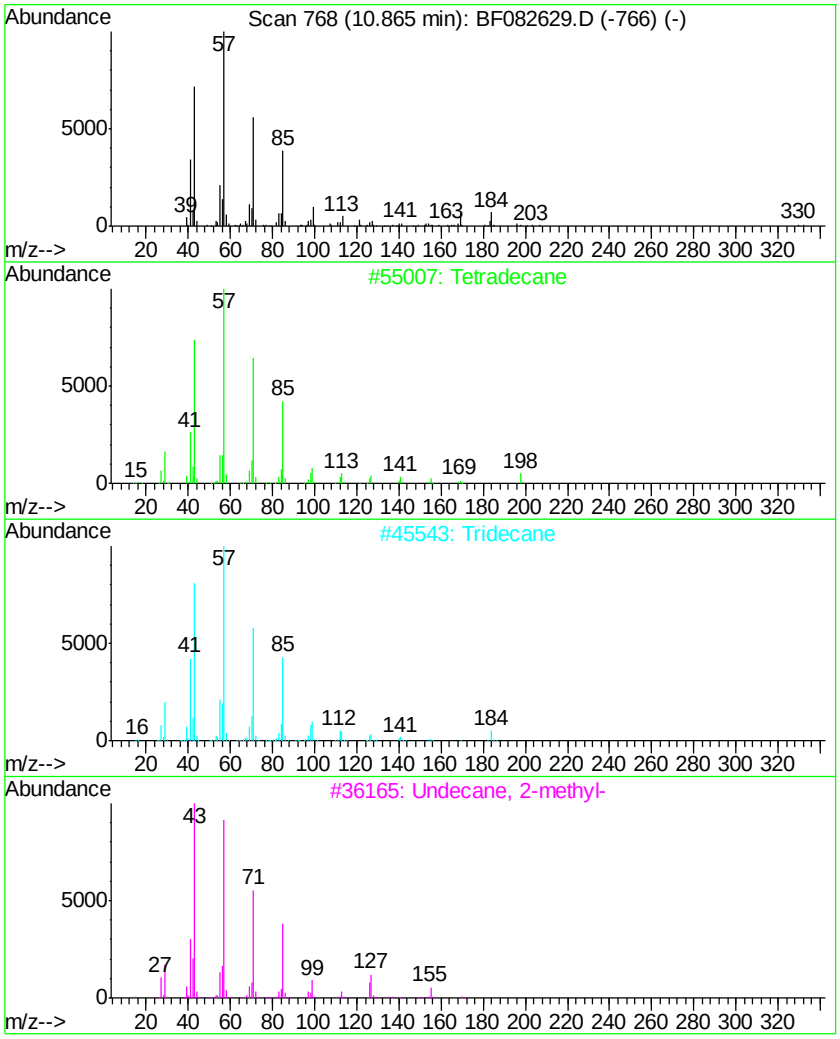
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

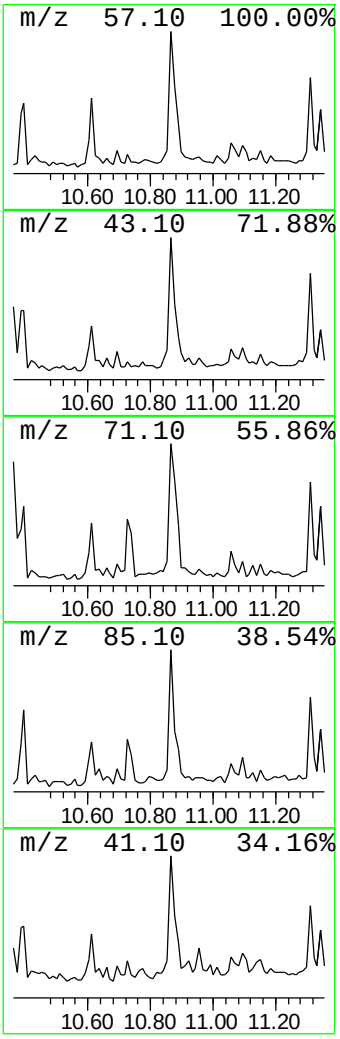
****

Peak Number 6 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.46 ng	409369	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

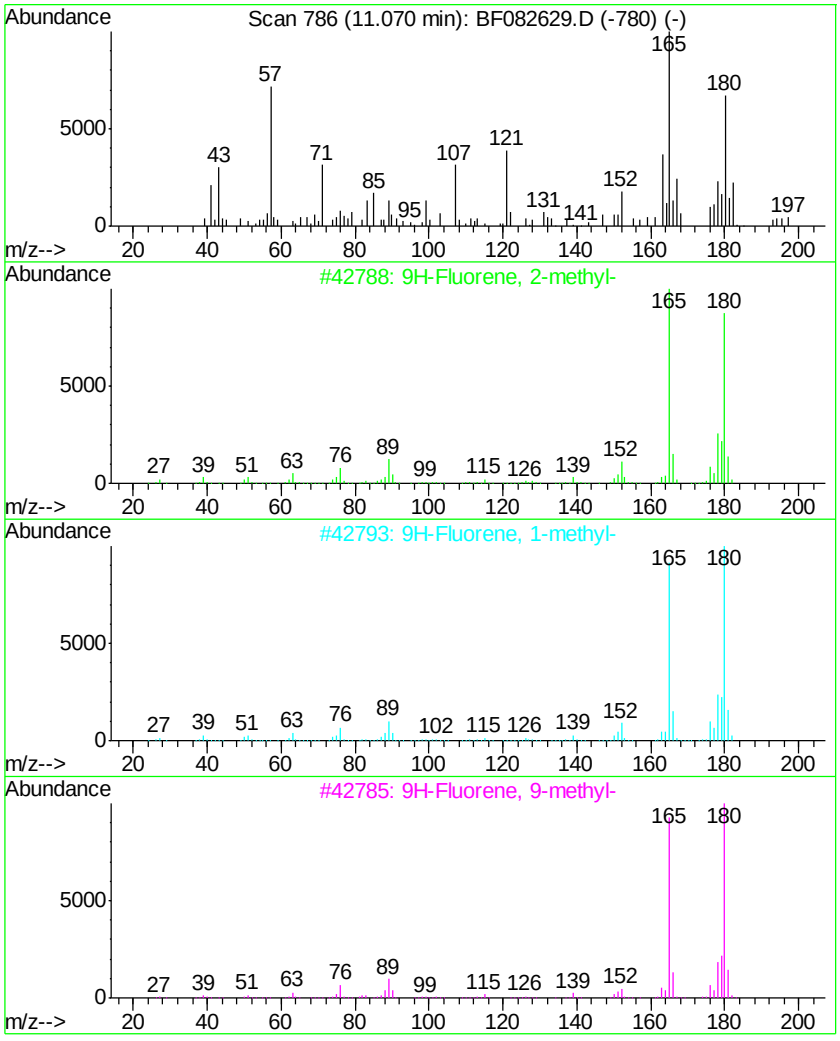
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

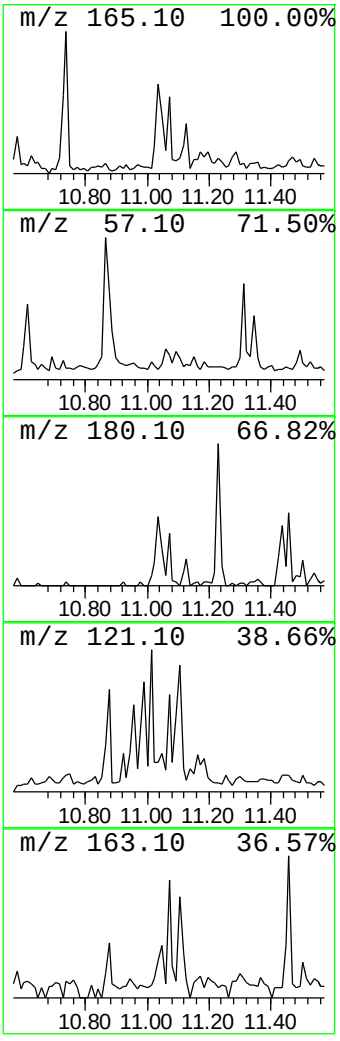
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.13 ng	252530	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

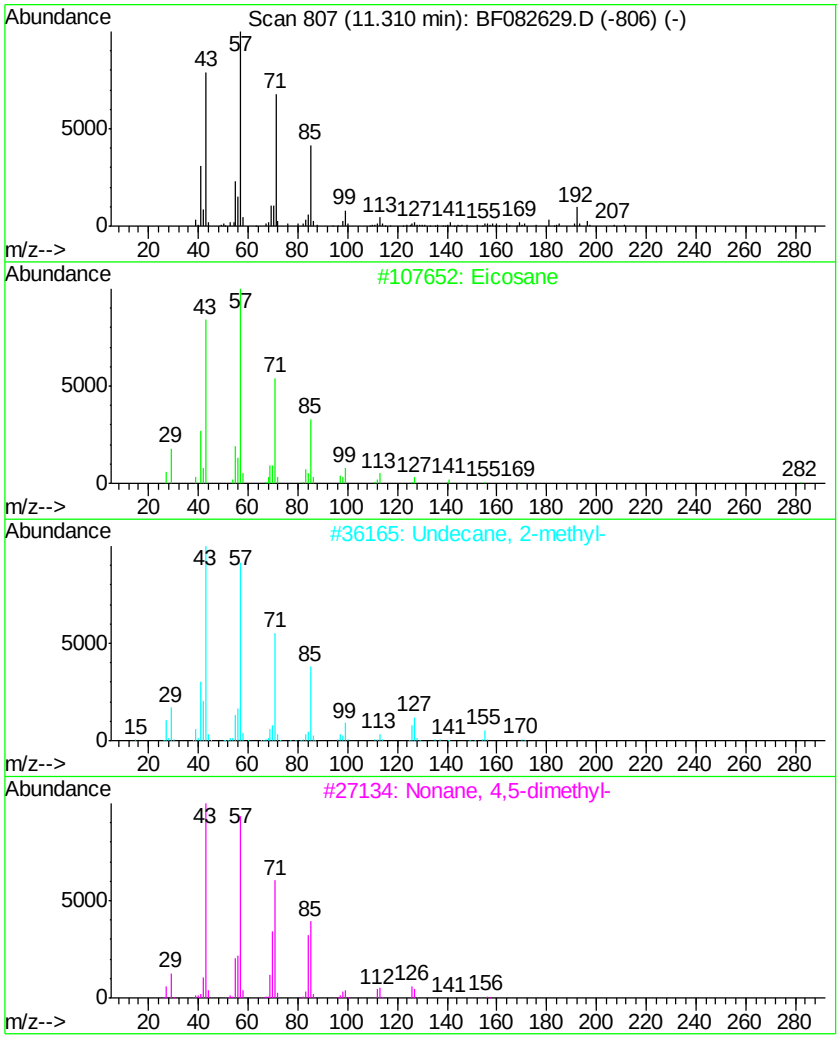
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

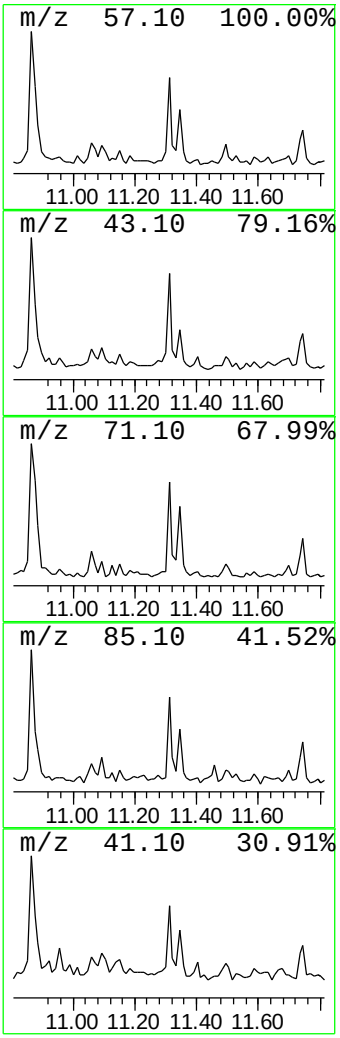
****

Peak Number 8 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	3.56 ng	421472	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

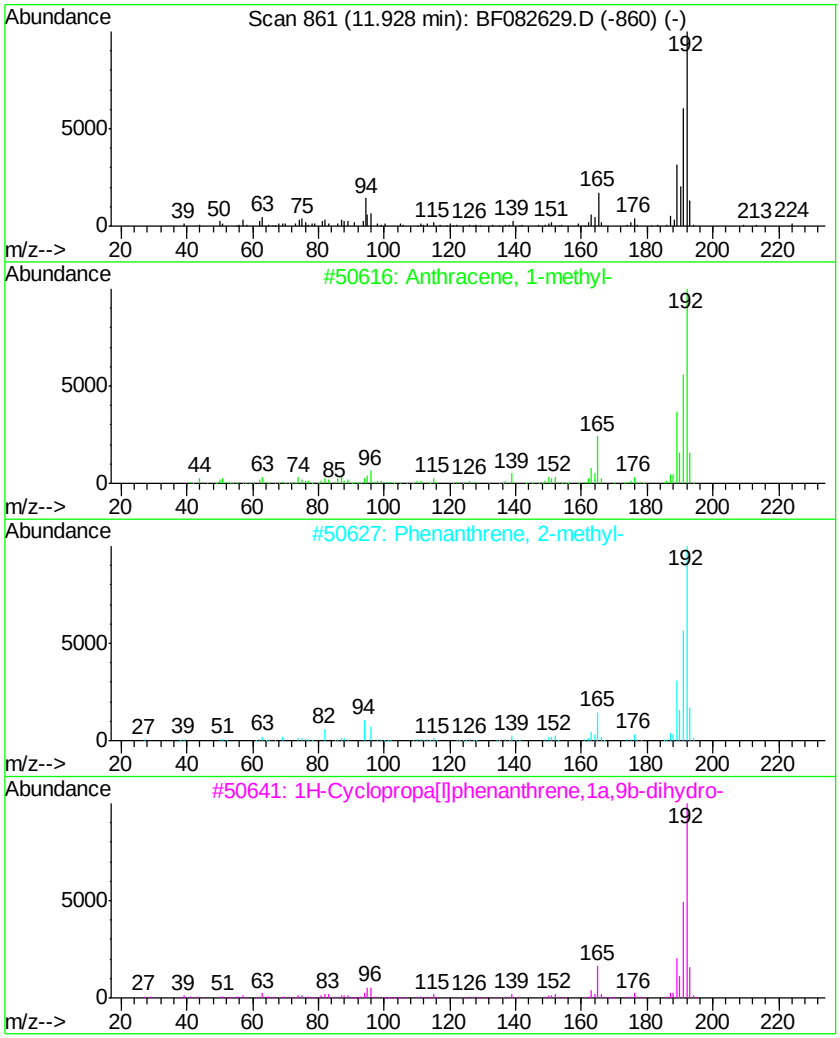
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

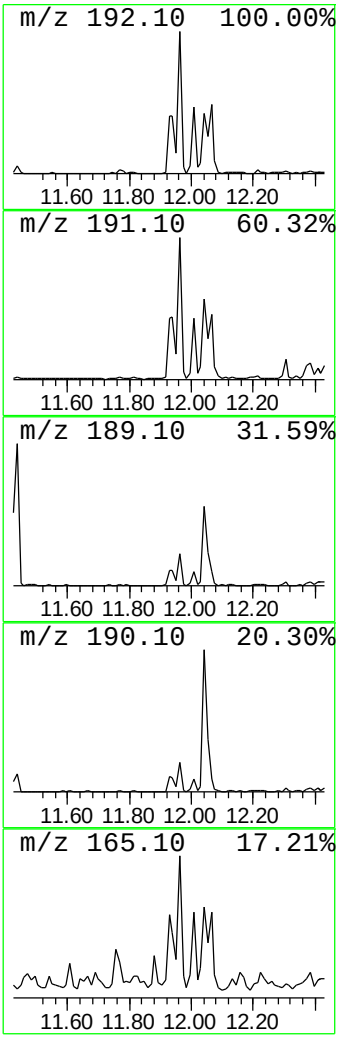
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.18 ng	258163	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

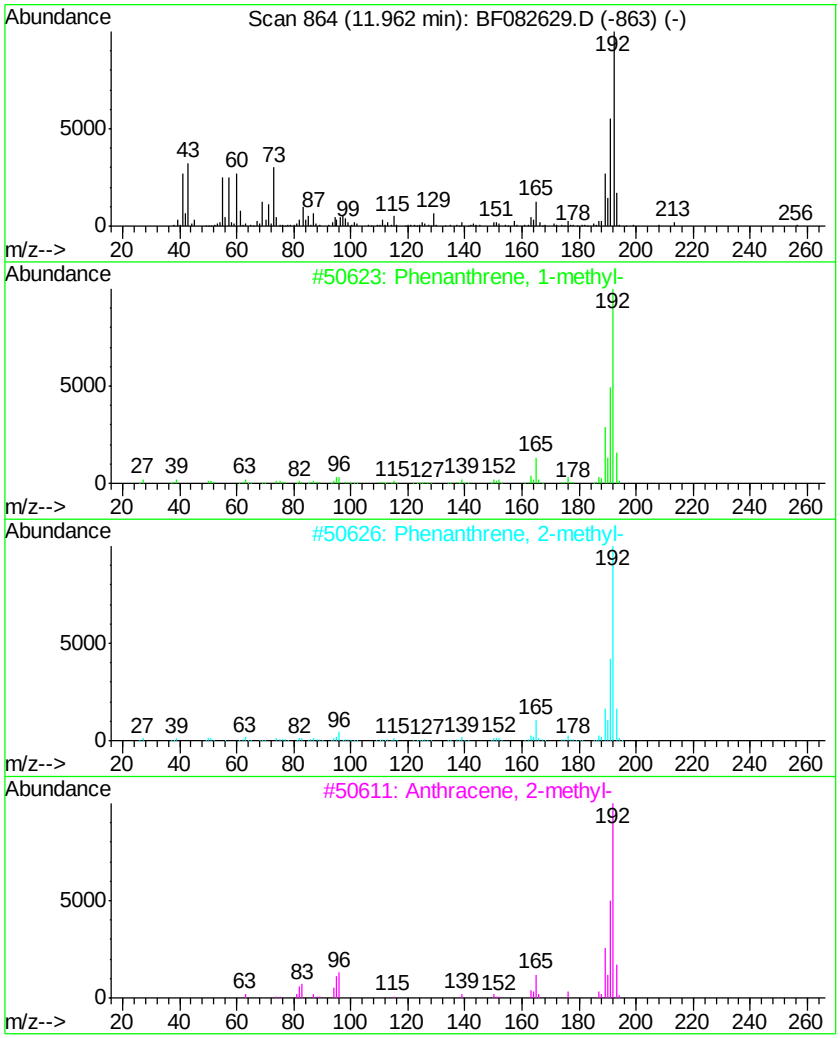
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

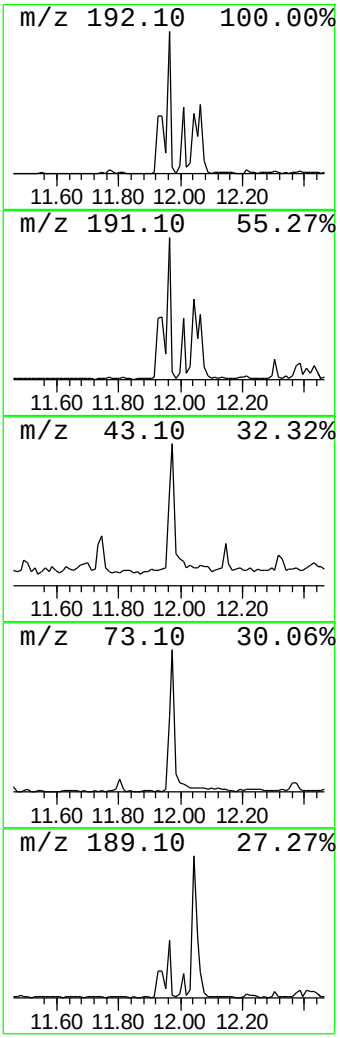
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.91 ng	817931	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

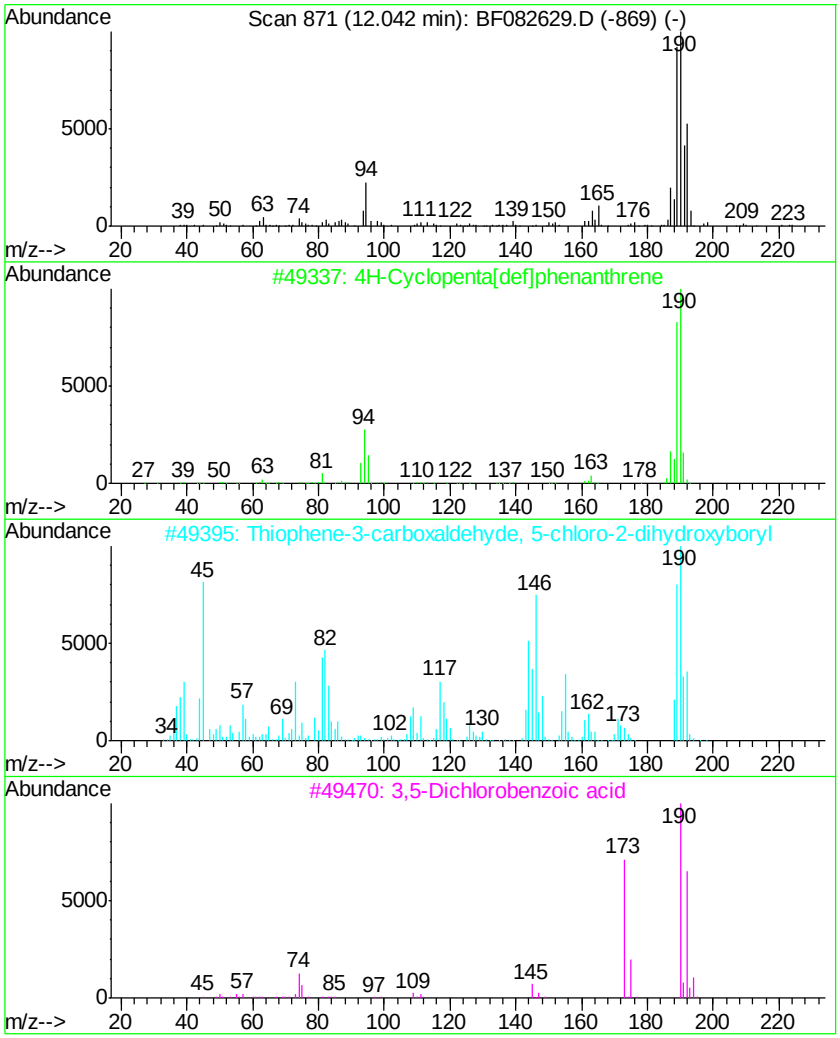
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

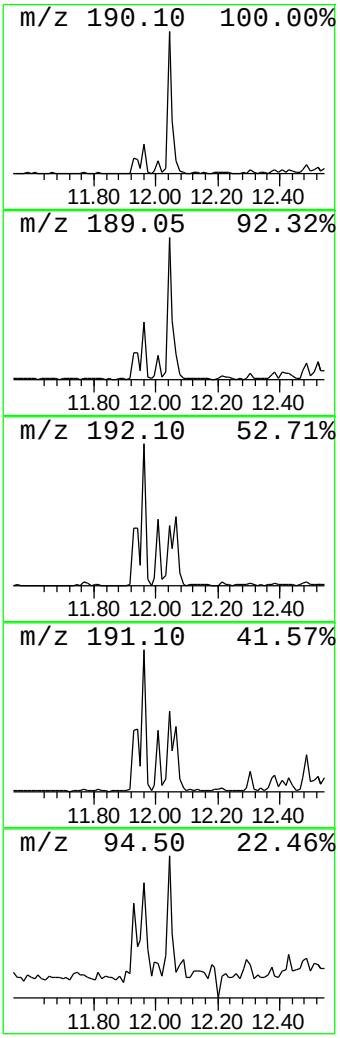
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.66 ng	551477	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

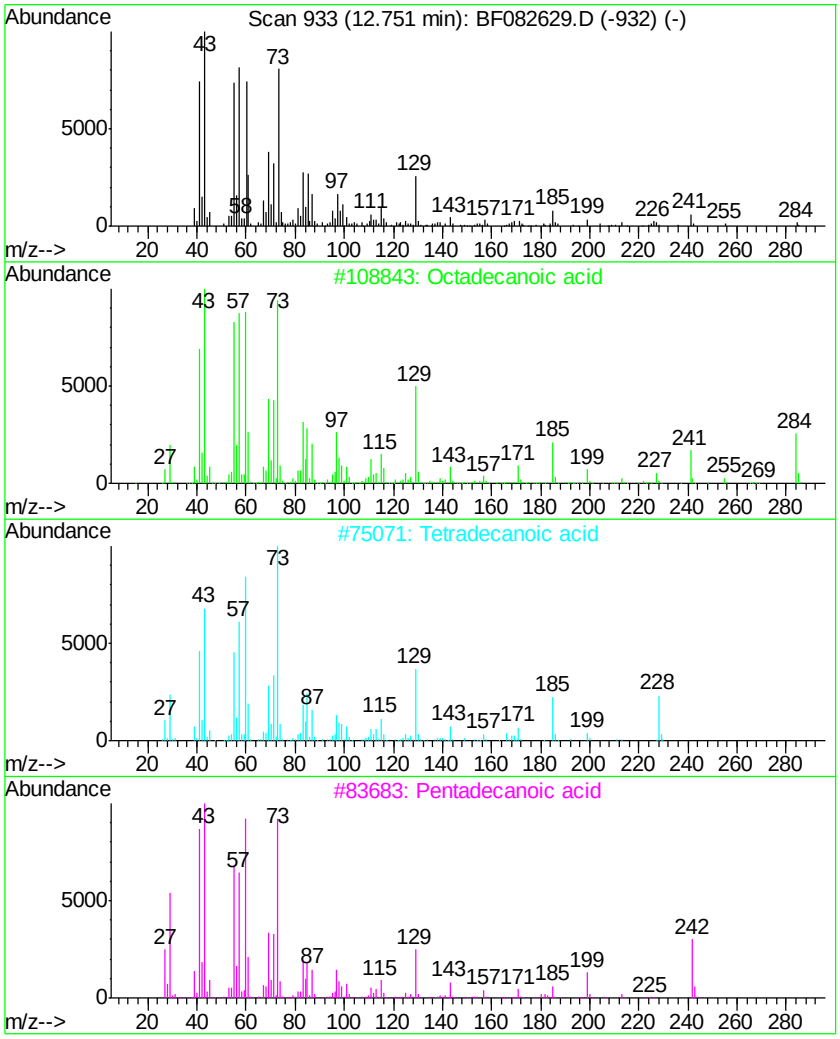
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

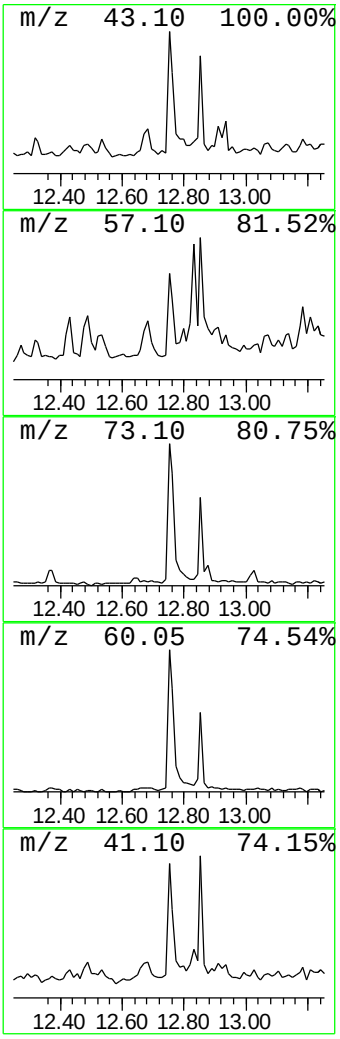
****

Peak Number 12 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	4.92 ng	582275	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Octanoic Acid	144	C8H16O2	000124-07-2	47
5	Heptanoic acid	130	C7H14O2	000111-14-8	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

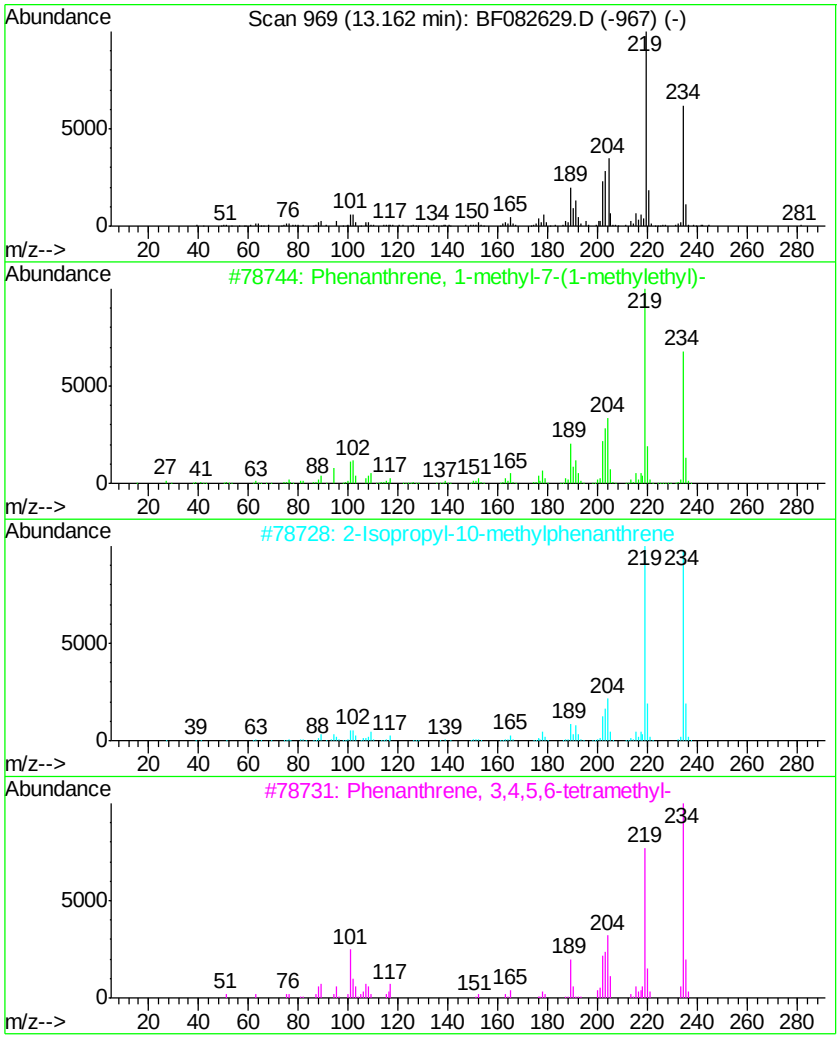
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

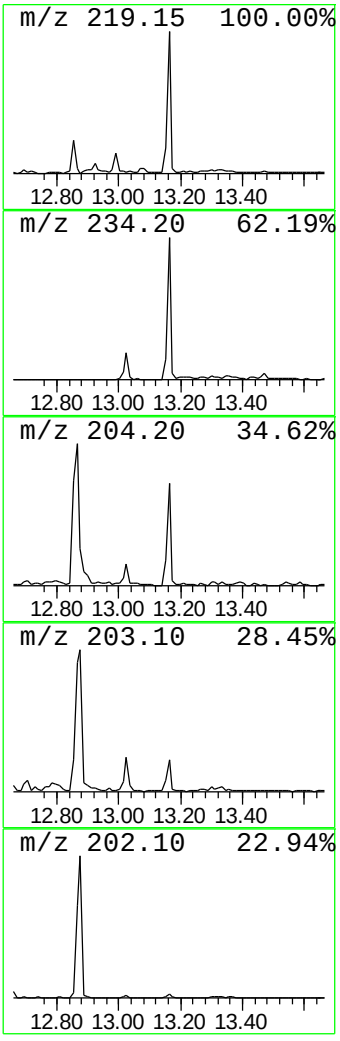
****

Peak Number 13 Phenanthrene, 1-methyl-7-(1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.51 ng	341113	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
4	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	50
5	2,3,5,6-Detetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

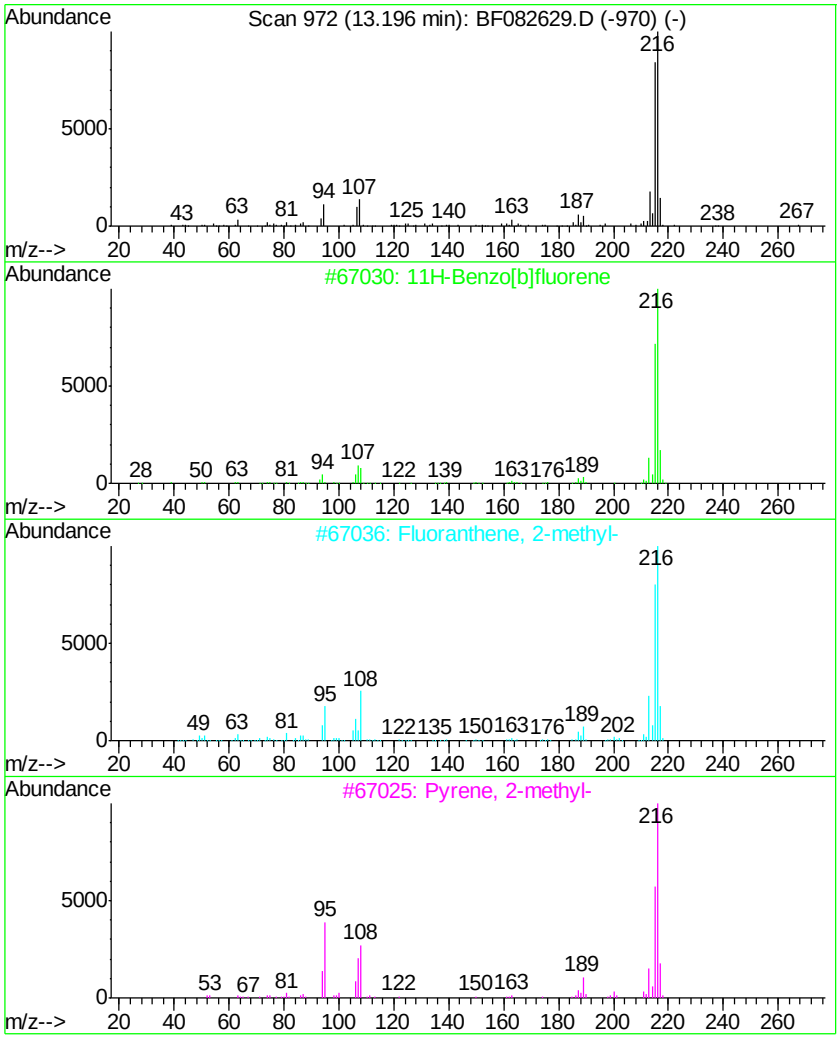
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

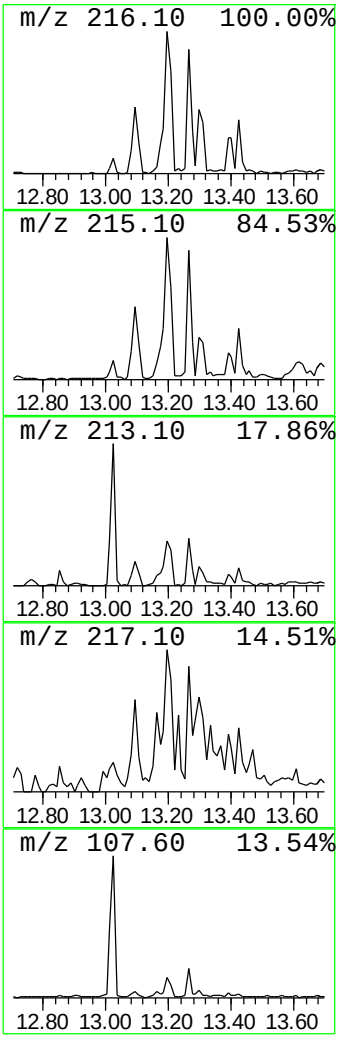
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.35 ng	319005	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

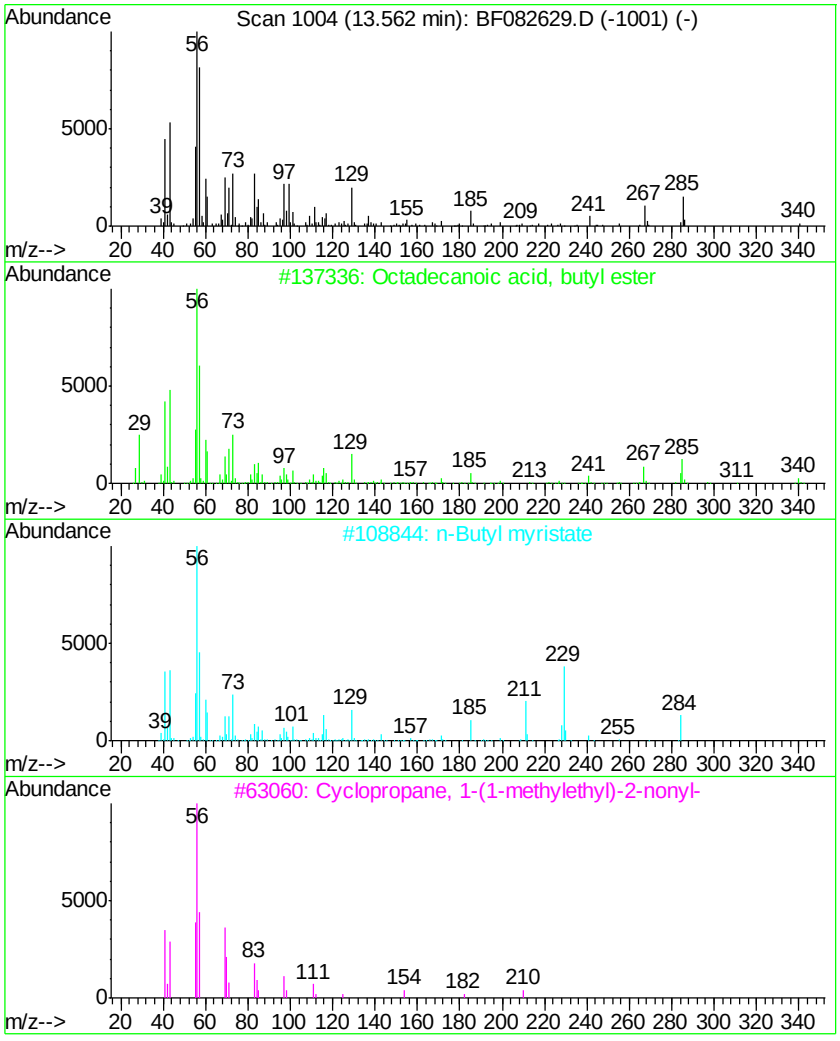
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

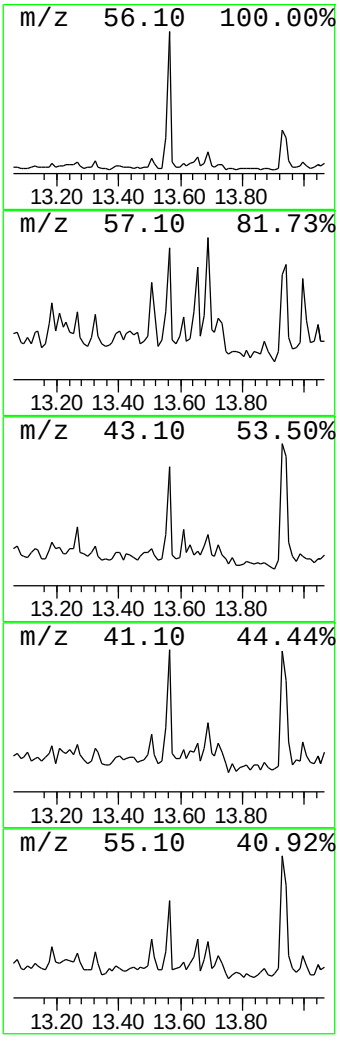
****

Peak Number 15 Octadecanoic acid, butyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.04 ng	277284	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2	n-Butyl myristate	284	C18H36O2	000110-36-1	40
3	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35
4	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
5	2-Methylhexadec-1-ene	238	C17H34	061868-19-7	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

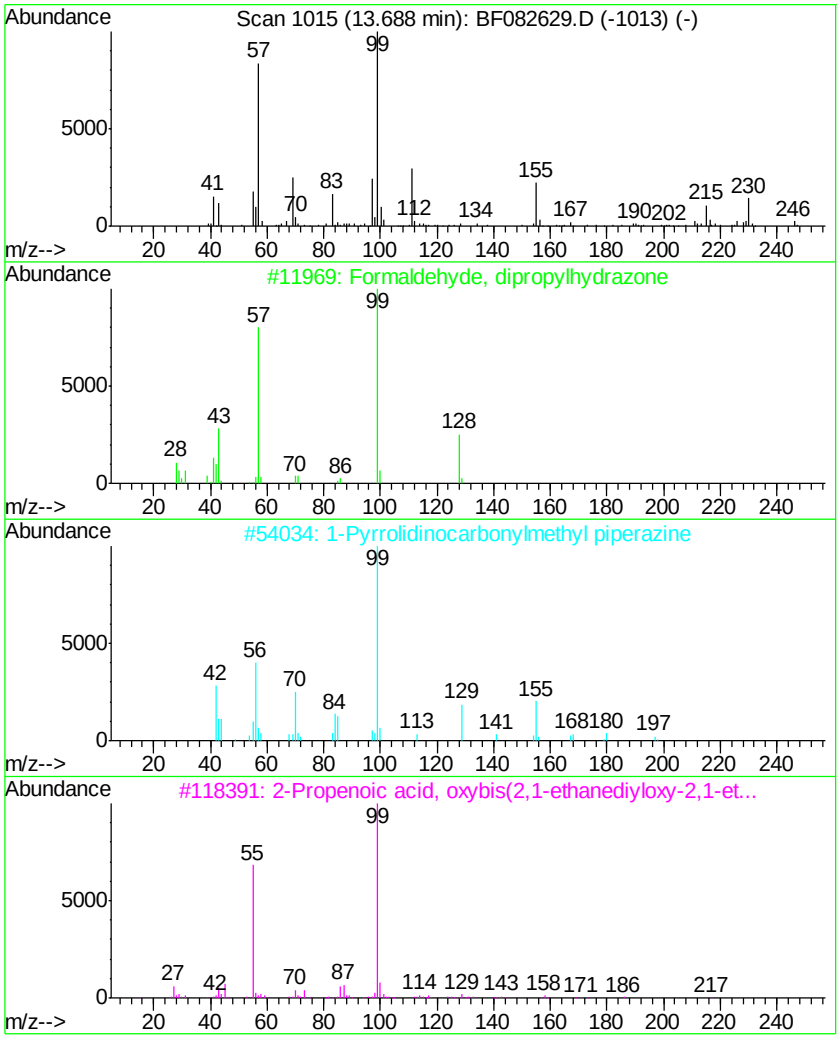
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

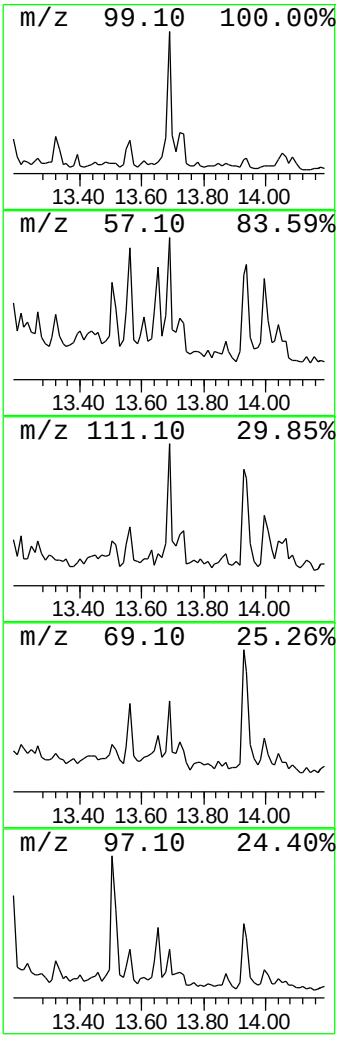
****

Peak Number 16 unknown13.69 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.83 ng	520093	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formaldehyde, dipropylhydrazone	128	C7H16N2	054253-56-4	37
2	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	37
3	2-Propenoic acid, oxybis(2,1-eth...	302	C14H22O7	017831-71-9	35
4	2H-Pyran-2-one, tetrahydro-6-nonyl-	226	C14H26O2	002721-22-4	32
5	1,4-Dioxaspiro[4.5]decan-8-one	156	C8H12O3	004746-97-8	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

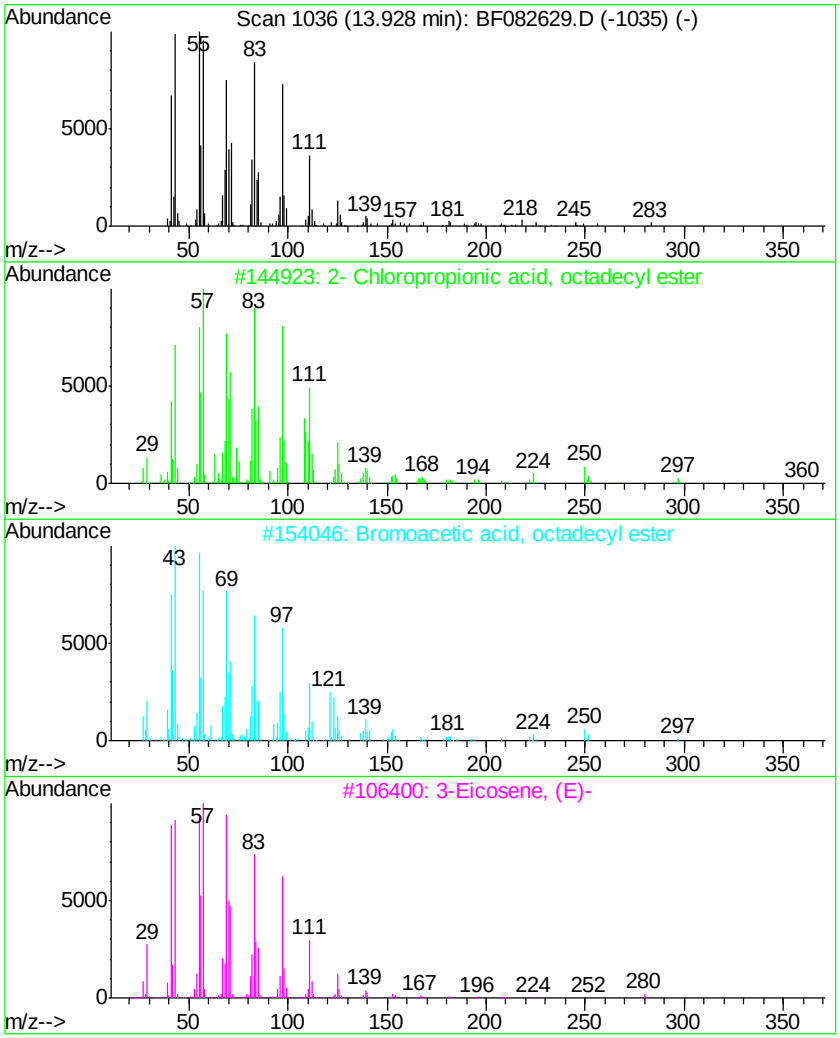
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

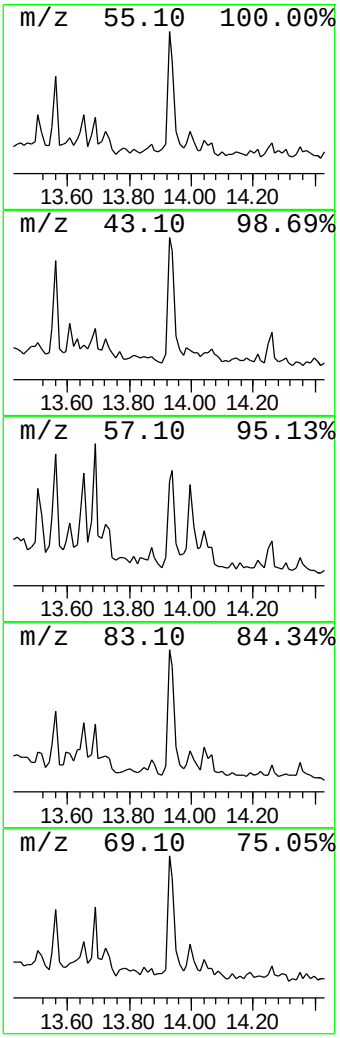
****

Peak Number 17 2- Chloropropionic acid, oc... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.55 ng	482573	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	1-Docosene	308	C22H44	001599-67-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

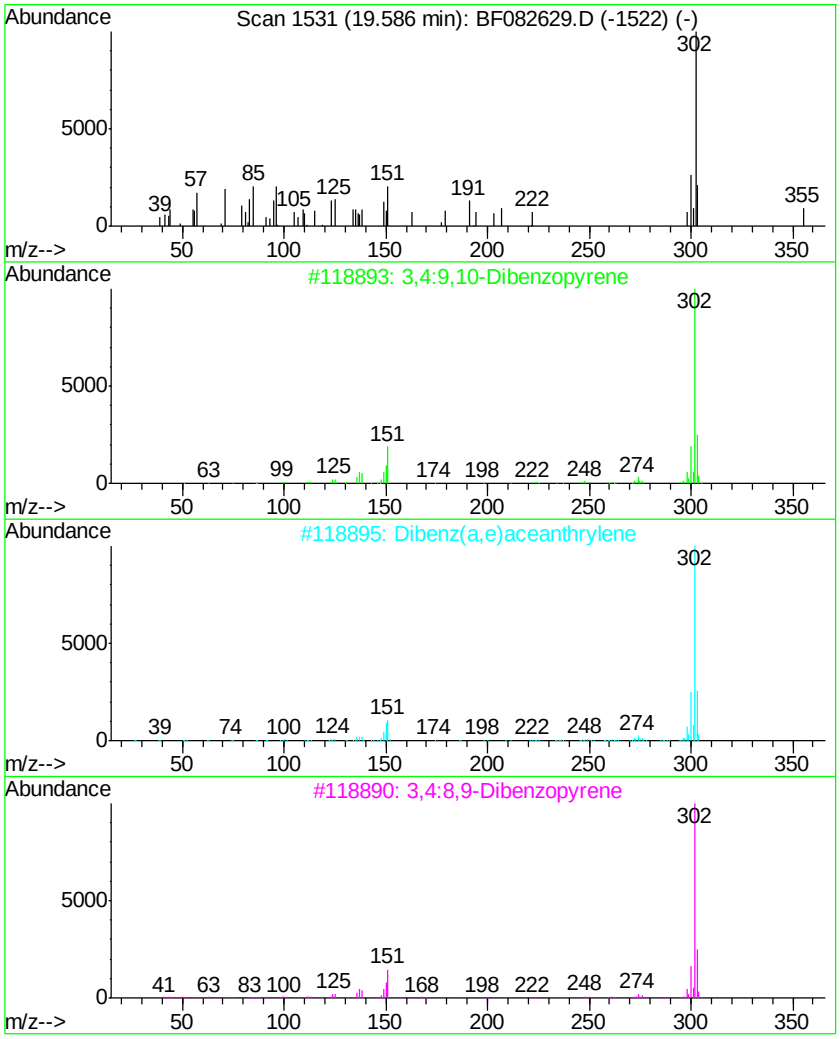
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

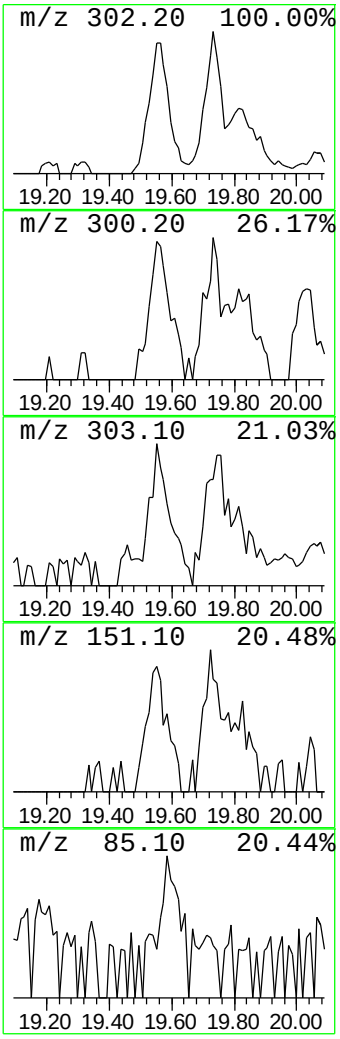
****

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.93 ng	178221	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	52
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	50
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	46
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	45
5	2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082629.D
Acq On : 31 Oct 2015 18:58
Operator : UM/IZ
Sample : G4190-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3W(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.10	47.3	ng	3352830	1	6.90	1419120	20.0
unknown6.67	6.67	88.7	ng	6295660	1	6.90	1419120	20.0
Hexanoic acid, 2-...	7.57	3.6	ng	359757	2	8.19	1976090	20.0
Tetradecane	10.86	3.5	ng	409369	4	11.44	2368190	20.0
9H-Fluorene, 2-me...	11.07	2.1	ng	252530	4	11.44	2368190	20.0
Eicosane	11.31	3.6	ng	421472	4	11.44	2368190	20.0
Anthracene, 1-met...	11.93	2.2	ng	258163	4	11.44	2368190	20.0
Phenanthrene, 1-m...	11.96	6.9	ng	817931	4	11.44	2368190	20.0
4H-Cyclopenta[def...	12.04	4.7	ng	551477	4	11.44	2368190	20.0
Octadecanoic acid	12.75	4.9	ng	582275	4	11.44	2368190	20.0
Phenanthrene, 1-m...	13.16	2.5	ng	341113	5	14.08	2717220	20.0
11H-Benzo[b]fluorene	13.20	2.4	ng	319005	5	14.08	2717220	20.0
Octadecanoic acid...	13.56	2.0	ng	277284	5	14.08	2717220	20.0
unknown13.69	13.69	3.8	ng	520093	5	14.08	2717220	20.0
2- Chloropropioni...	13.93	3.5	ng	482573	5	14.08	2717220	20.0
3,4:9,10-Dibenzop...	19.59	2.9	ng	178221	6	15.53	1216190	20.0