LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

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-BF043015.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	1.358	12	15	26	rVB2	126645	416637	6.50%	0.790%
2	1.518	26	29	36	rVV	172011	327104	5.11%	0.620%
3	1.621	36	38	46	rVV	450015	778262	12.15%	1.476%
4	1.735	46	48	84	rVB	3300821	6405167	100.00%	12.146%
5	4.833	317	319	323	rBV	339013	452942	7.07%	0.859%
6	5.370	364	366	372	rVB	1177995	1331870	20.79%	2.526%
7	6.662	477	479	482	rVV	1154208	1430894	22.34%	2.713%
8	6.799	489	491	494	rBV	1519147	1481151	23.12%	2.809%
9	7.085	514	516	519	rBV	416690	449323	7.02%	0.852%
10	7.279	530	533	535	rBV	786736	1094244	17.08%	2.075%
11	7.587	557	560	564	rBV2	233756	303918	4.74%	0.576%
12	7.782	574	577	580	rBV	1077713	1020559	15.93%	1.935%
13	8.399	629	631	634	rVB	96641	134673	2.10%	0.255%
14	8.662	652	654	657	rBV	629727	626890	9.79%	1.189%
15	9.153	693	697	701	rBV3	72322	119540	1.87%	0.227%
16	9.473	723	725	728	rVB2	93979	133479	2.08%	0.253%
17	9.599	734	736	737	rBV	58739	70148	1.10%	0.133%
18	9.633	737	739	741	rVV	60138	66184	1.03%	0.126%
19	9.862	756	759	761	rBV	105362	143504	2.24%	0.272%
20	9.976	766	769	770	rBV2	47746	71750	1.12%	0.136%
21	10.011	770	772	775	rVB	1890827	1657785	25.88%	3.144%
22	10.125	779	782	783	rBV3	43651	72894	1.14%	0.138%
23	10.148	783	784	786	rVV2	70820	85817	1.34%	0.163%
24	10.193	786	788	790	rVB	56203	76522	1.19%	0.145%
25	10.331	797	800	802	rBV2	43814	83886	1.31%	0.159%
26	10.525	814	817	821	rVV	208271	316328	4.94%	0.600%
27	10.662	826	829	831	rBV3	68662	147249	2.30%	0.279%
28	10.833	842	844	846	rVB	725599	702275	10.96%	1.332%
29	10.982	855	857	859	rVB	54473	86874	1.36%	0.165%
30	11.096	864	867	869	rBV	99174	158076	2.47%	0.300%
31	11.165	869	873	875	rBV2	215781	369960	5.78%	0.702%
32	11.245	878	880	881	rBV2	79055	124900	1.95%	0.237%
33	11.348	886	889	890	rBV2	66115	117115	1.83%	0.222%
34	11.428	894	896	897	rVB	220565	179922	2.81%	0.341%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.485	897	901	902	rVB3	52349	117238	1.83%	0.222%
36	11.508	902	903	906	rBV2	96341	153275	2.39%	0.291%
37	11.554	906	907	909	rBV2	86159	149372	2.33%	0.283%
38	11.702	918	920	924	rBV	166535	209951	3.28%	0.398%
39	11.816	927	930	933	rBV	1201822	1357492	21.19%	2.574%
40	11.874	933	935	936	rBV2	78196	77274	1.21%	0.147%
41	11.942	939	941	943	rBV2	82499	136108	2.12%	0.258%
42	11.988	943	945	946	rBV	93382	126559	1.98%	0.240%
43	12.034	946	949	951	rBV	489370	887866	13.86%	1.684%
44	12.079	951	953	954	rVB2	92937	119030	1.86%	0.226%
45	12.239	965	967	968	rBV	180653	263876	4.12%	0.500%
46	12.342	974	976	977	rBV2	247950	298500	4.66%	0.566%
47	12.388	977	980	981	rVB3	141647	283104	4.42%	0.537%
48	12.422	981	983	984	rBV2	87830	105117	1.64%	0.199%
49	12.582	995	997	998	rBV	487620	588100	9.18%	1.115%
50	12.617	998	1000	1002	rVB	477673	571263	8.92%	1.083%
51	12.674	1003	1005	1007	rBV	763048	898845	14.03%	1.704%
52	12.708	1007	1008	1009	rVB	254703	174757	2.73%	0.331%
53	13.051	1036	1038	1039	rBV2	162950	160121	2.50%	0.304%
54	13.108	1039	1043	1046	rBV	740690	1044555	16.31%	1.981%
55	13.234	1052	1054	1057	rVB	206623	292273	4.56%	0.554%
56	13.302	1058	1060	1062	rBV	432485	751540	11.73%	1.425%
57	13.337	1062	1063	1067	rVB	667728	771860	12.05%	1.464%
58	13.439	1068	1072	1074	rBV3	516460	1264489	19.74%	2.398%
59	13.622	1086	1088	1090	rVB	703953	649489	10.14%	1.232%
60	13.862	1108	1109	1111	rBV	337184	376982	5.89%	0.715%
61	13.908	1111	1113	1114	rVV	427639	526067	8.21%	0.998%
62	13.999	1118	1121	1122	rVV	774886	1236115	19.30%	2.344%
63	14.034	1122	1124	1126	rVV	495570	784461	12.25%	1.488%
64	14.114	1128	1131	1135	rVB4	1121550	2104112	32.85%	3.990%
65	14.182	1135	1137	1139	rBV2	245128	304396	4.75%	0.577%
66	14.228	1139	1141	1143	rBV3	303694	389248	6.08%	0.738%
67	14.400	1154	1156	1157	rBV2	306844	338561	5.29%	0.642%
68	14.457	1159	1161	1164	rVB	545579	712972	11.13%	1.352%
69	14.514	1164	1166	1168	rBV	491380	724272	11.31%	1.373%
70	14.571	1168	1171	1174	rBV2	738916	1383620	21.60%	2.624%
71	14.674	1178	1180	1182	rVB	1604816	1643002	25.65%	3.116%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.017	1208	1210	1214	rBV3	628309	1119756	17.48%	2.123%
73	15.120	1217	1219	1221	rBV	400691	461177	7.20%	0.875%
74	15.165	1221	1223	1225	rBV2	326396	502073	7.84%	0.952%
75	15.451	1246	1248	1250	rBV	388063	460797	7.19%	0.874%
76	15.977	1292	1294	1298	rBV2	630193	1425064	22.25%	2.702%
77	16.914	1374	1376	1377	rBV	484006	568316	8.87%	1.078%
78	17.794	1451	1453	1458	rVB	518004	736327	11.50%	1.396%
79	18.469	1510	1512	1521	rVB	987424	2663431	41.58%	5.051%
80	18.880	1545	1548	1554	rVB	930503	1784896	27.87%	3.385%

Sum of corrected areas: 52735541

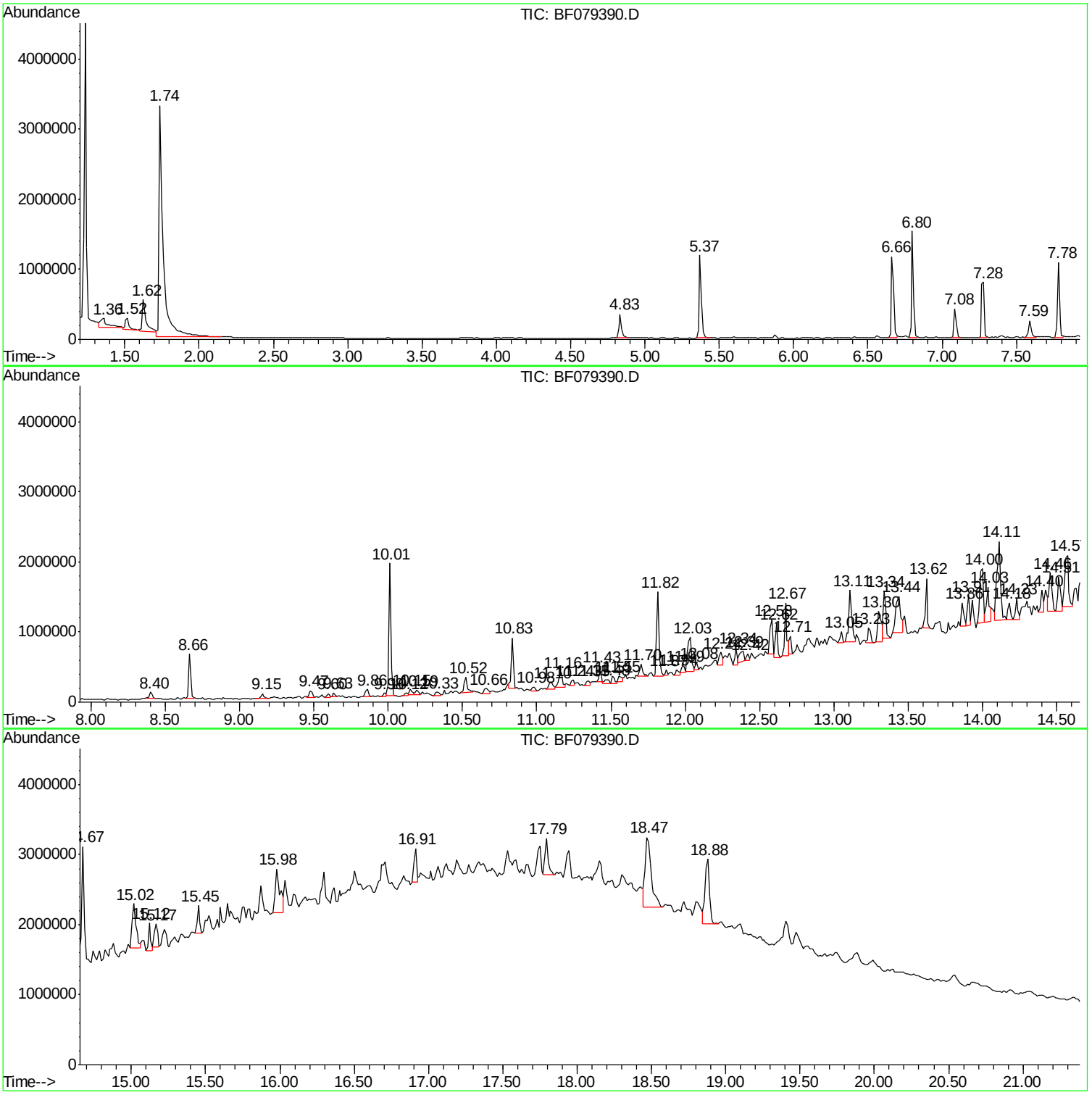
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

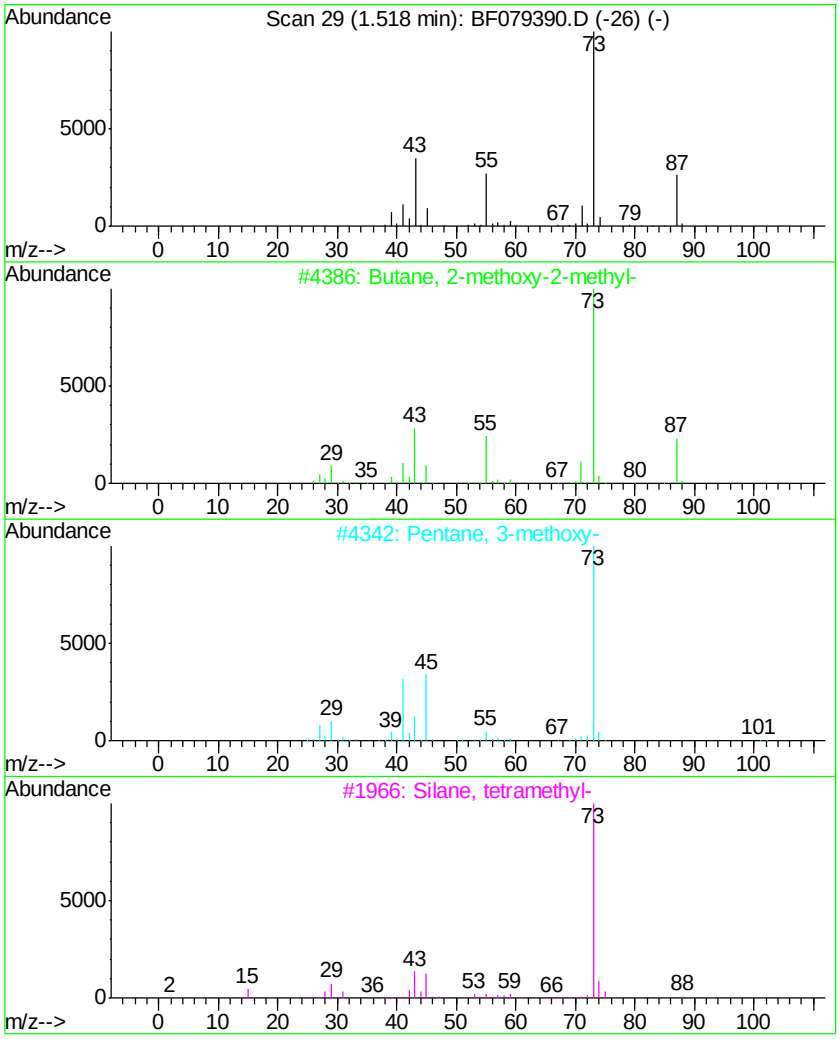
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

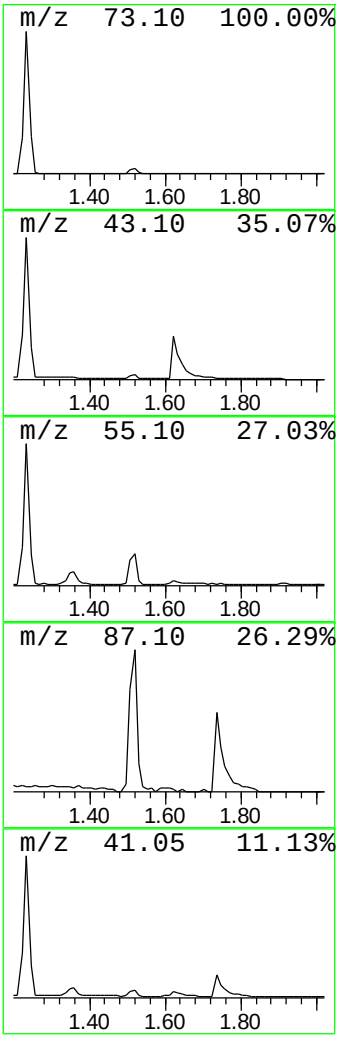
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	14.56 ng	327104	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

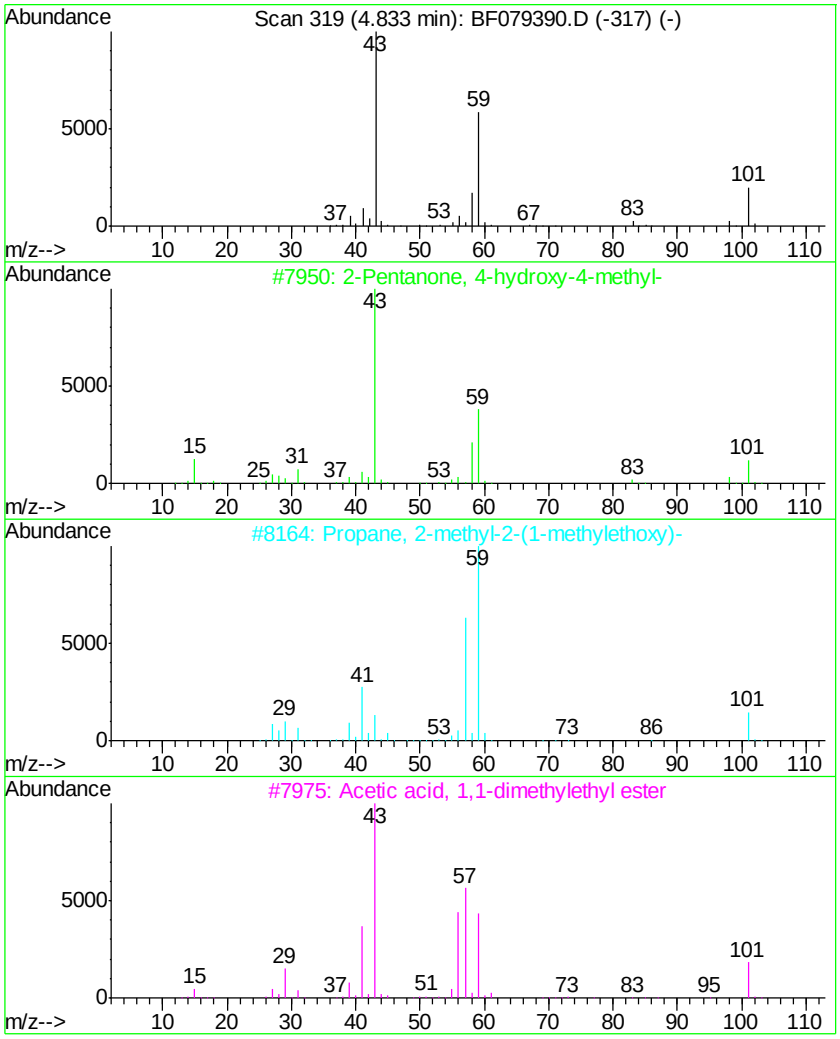
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

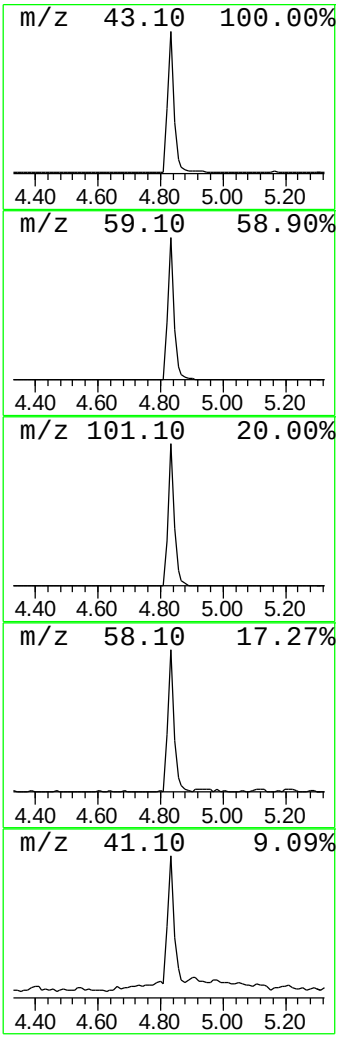
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	20.16 ng	452942	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

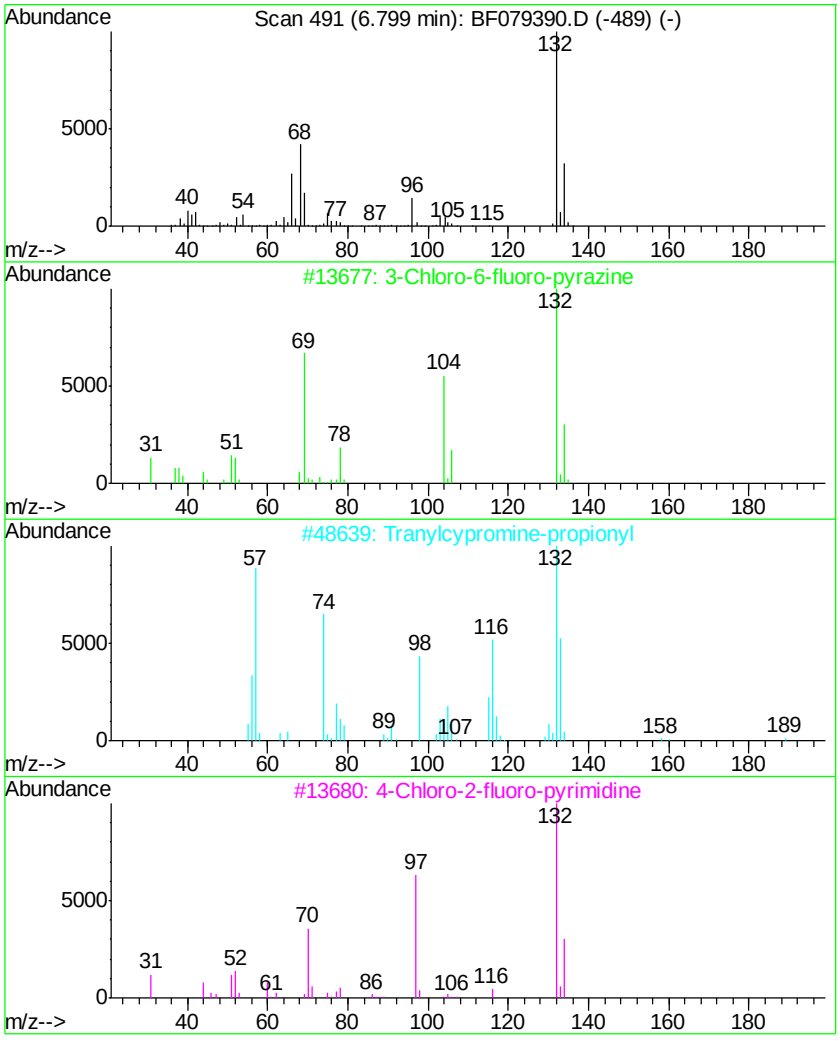
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

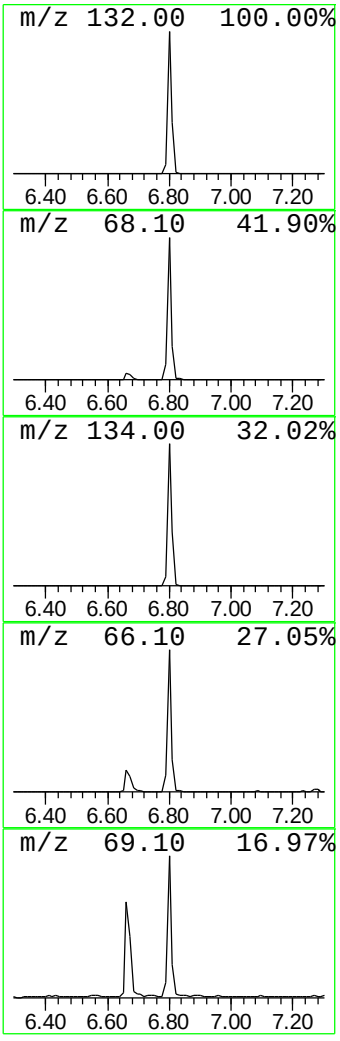
****

Peak Number 6 unknown6.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	65.93 ng	1481150	1,4-Dichlorobenzene-d4	7.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

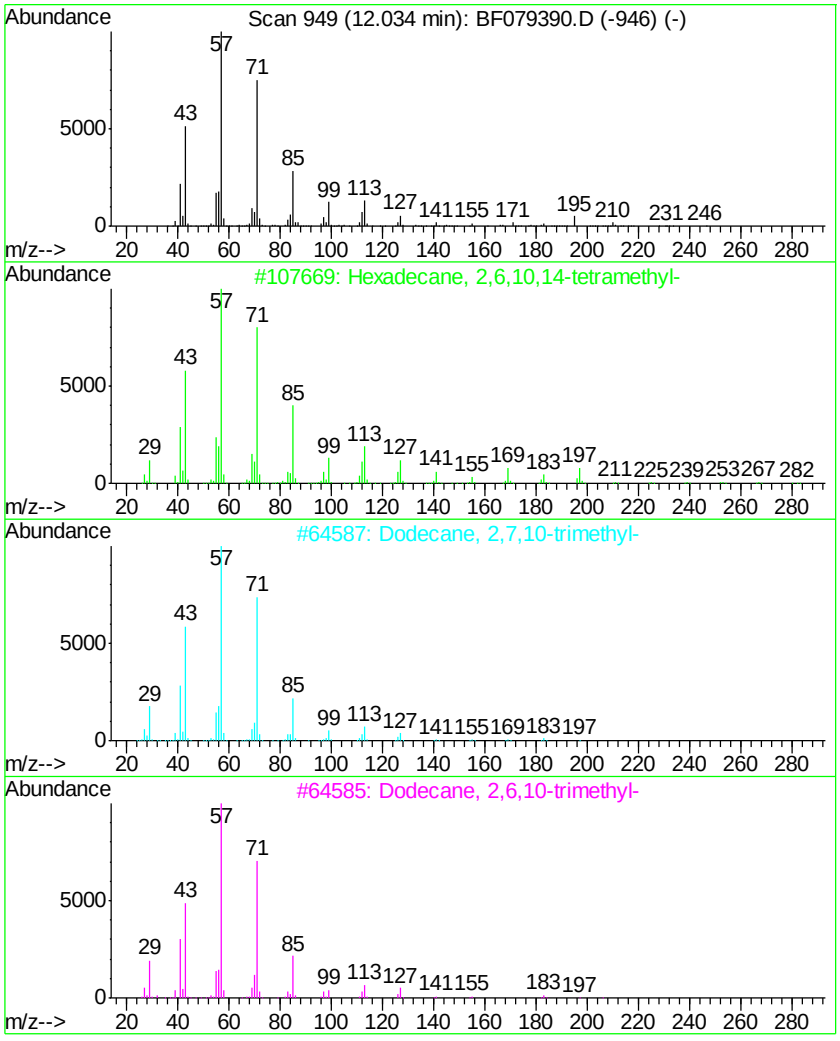
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

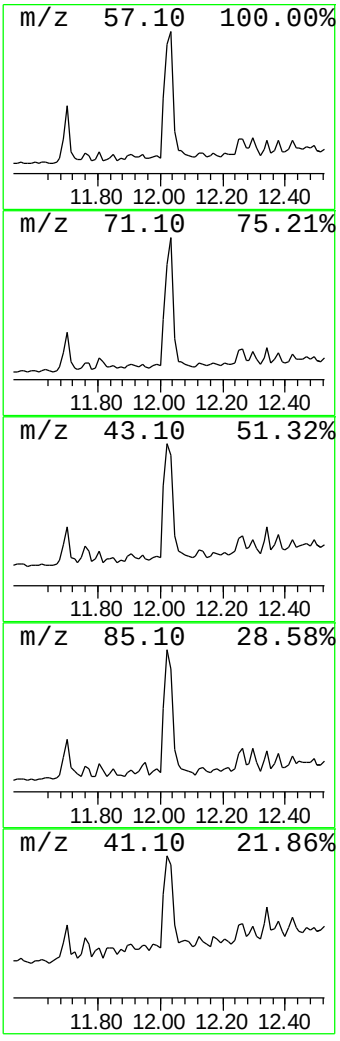
****

Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	19.76 ng	887866	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

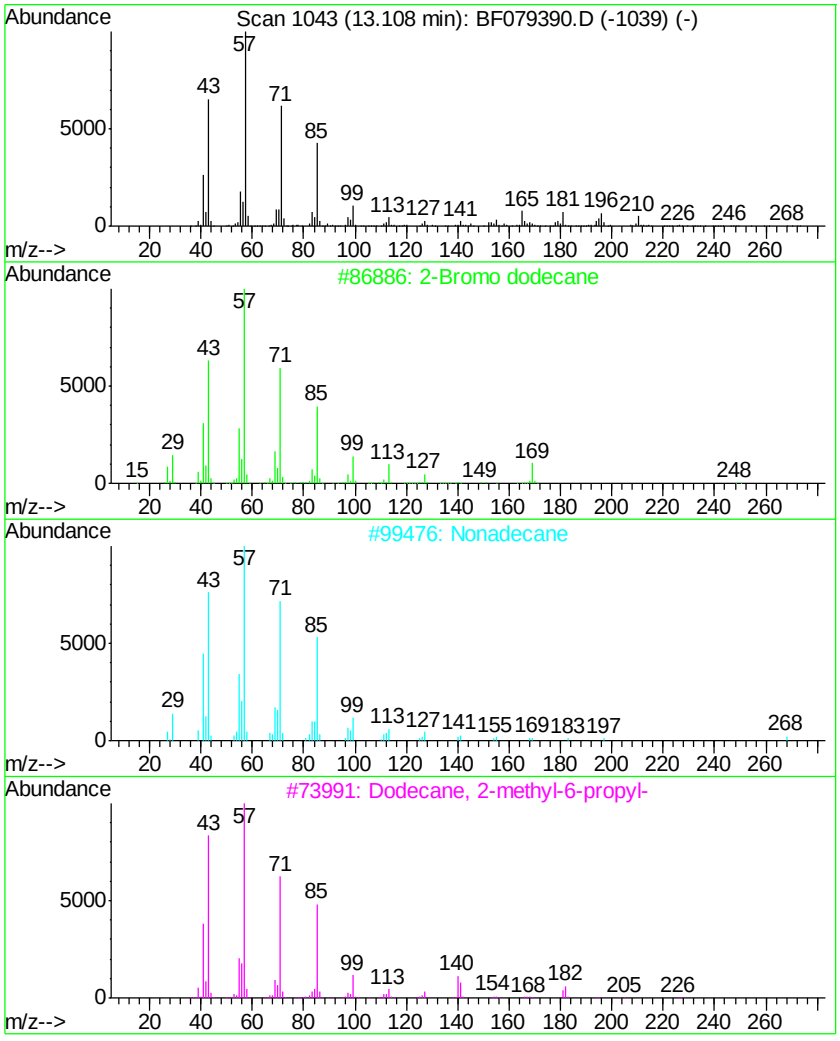
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

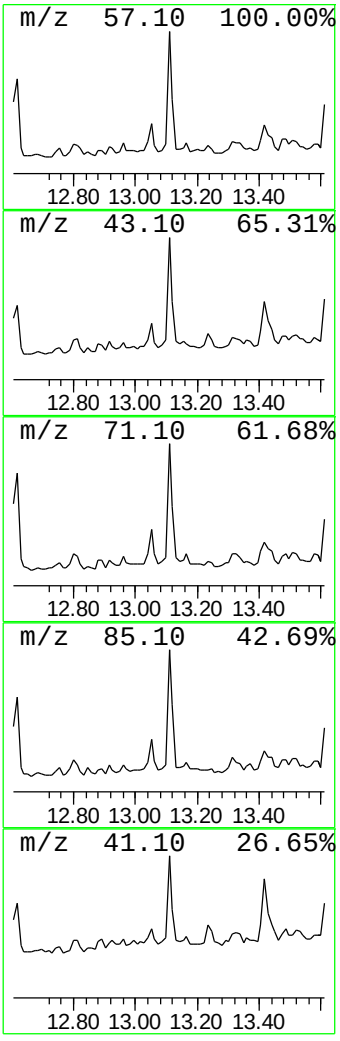
****

Peak Number 9 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	23.24 ng	1044560	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
2	Nonadecane	268	C19H40	000629-92-5	80
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

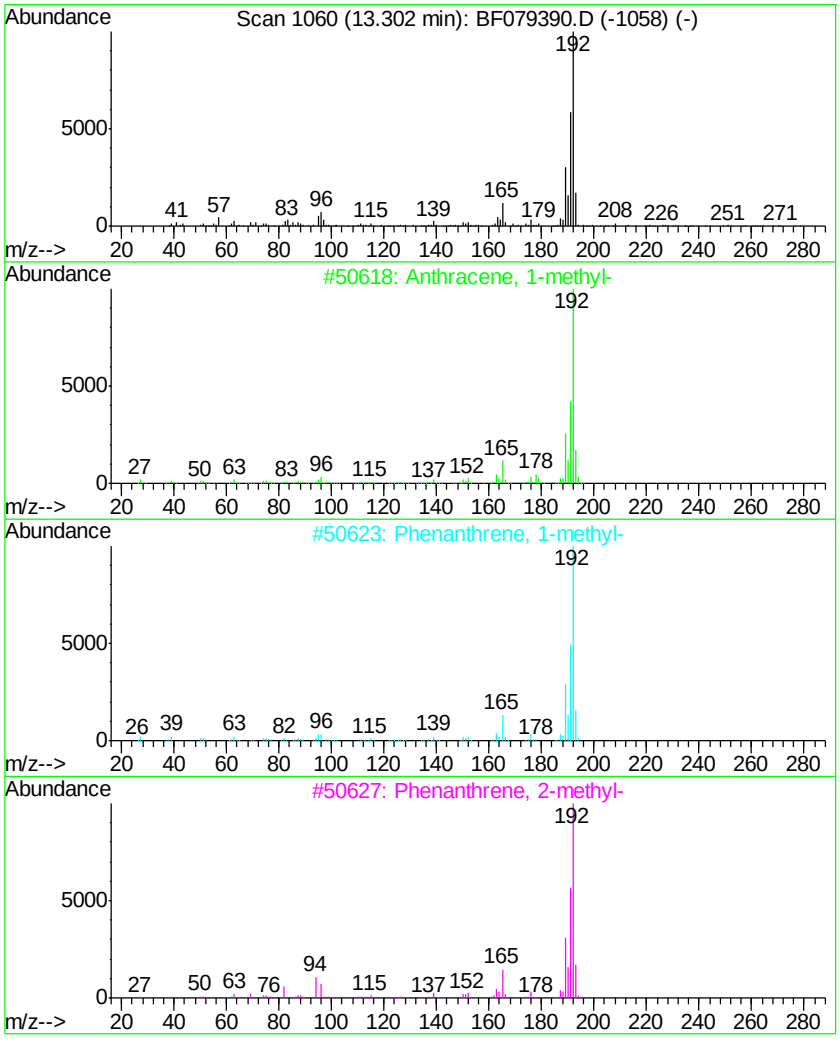
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

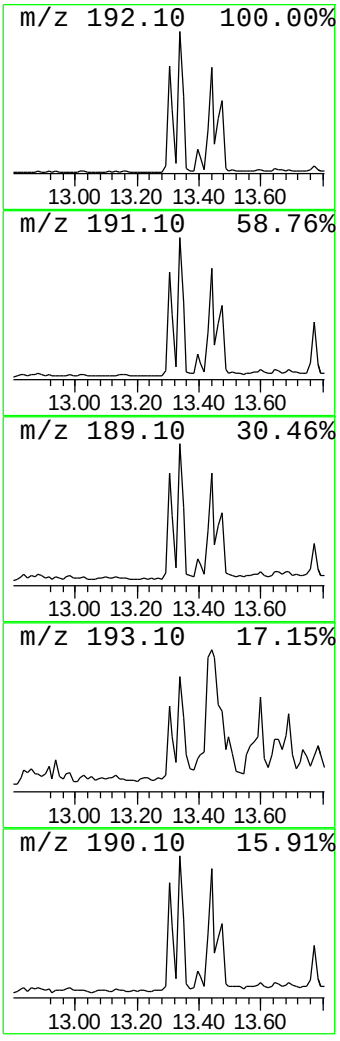
****

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	16.72 ng	751540	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

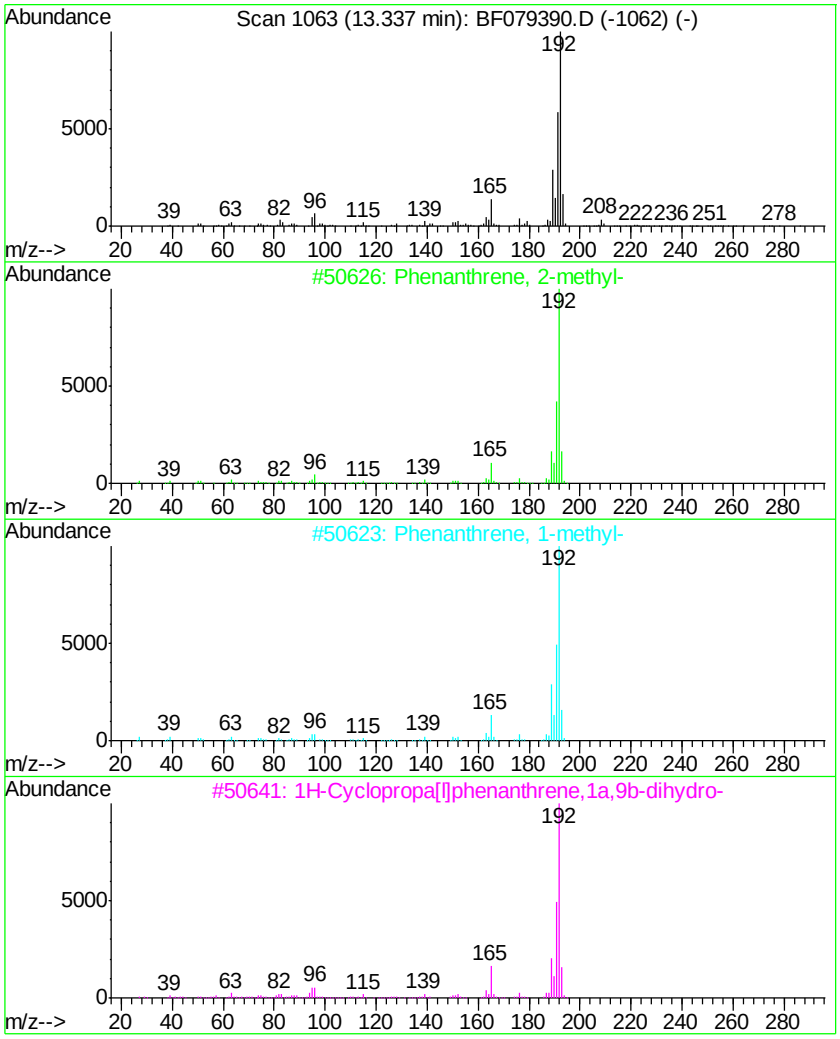
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

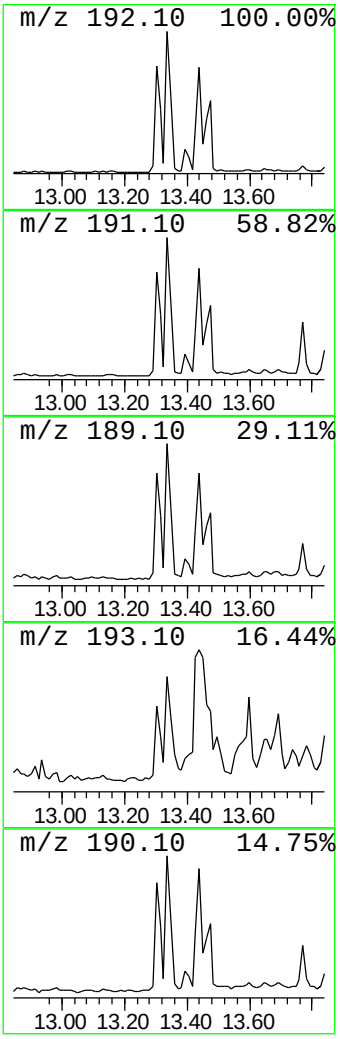
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	17.17 ng	771860	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

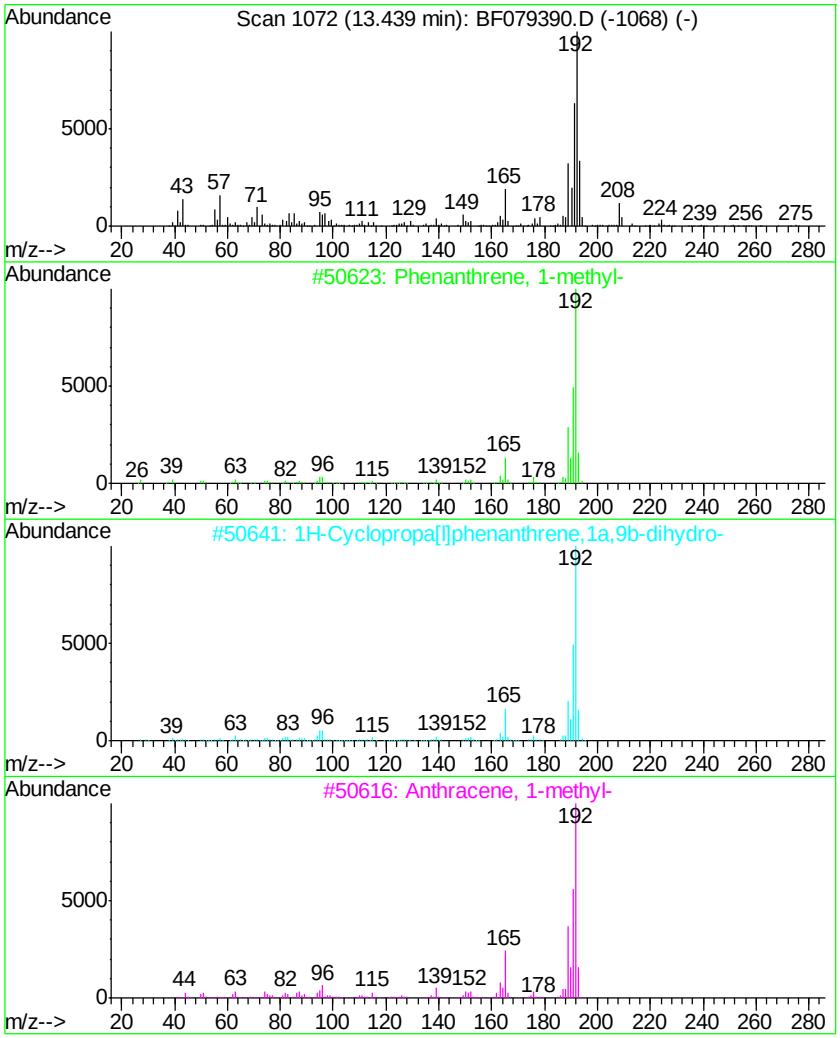
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

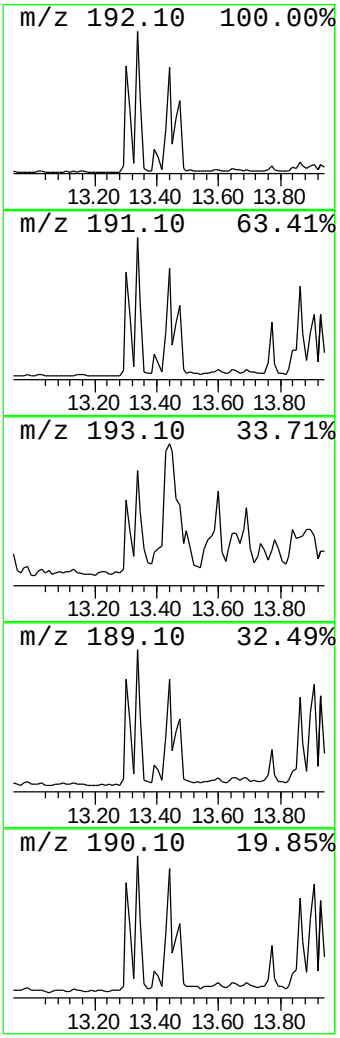
****

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	28.14 ng	1264490	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

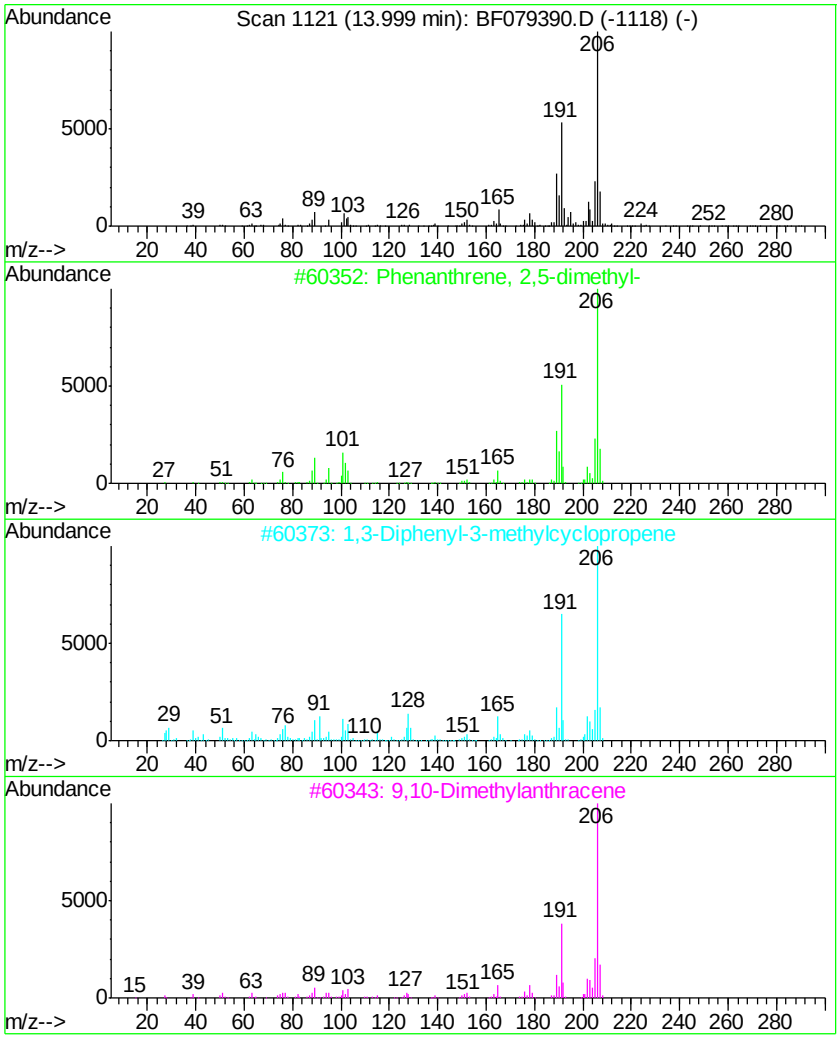
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

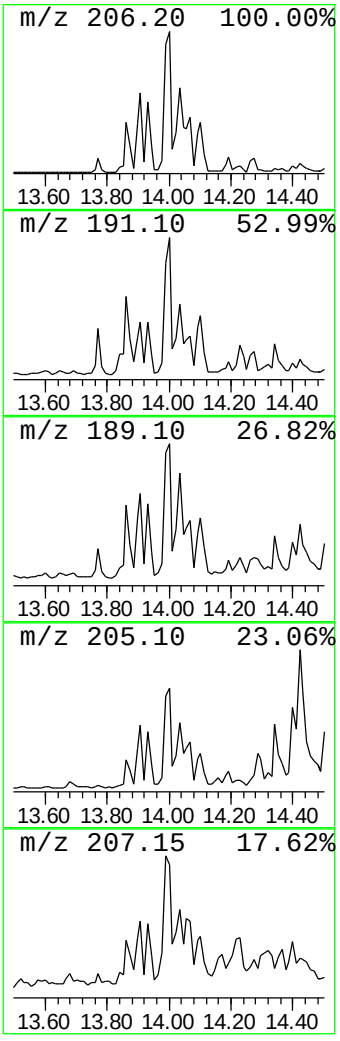
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	27.50 ng	1236120	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

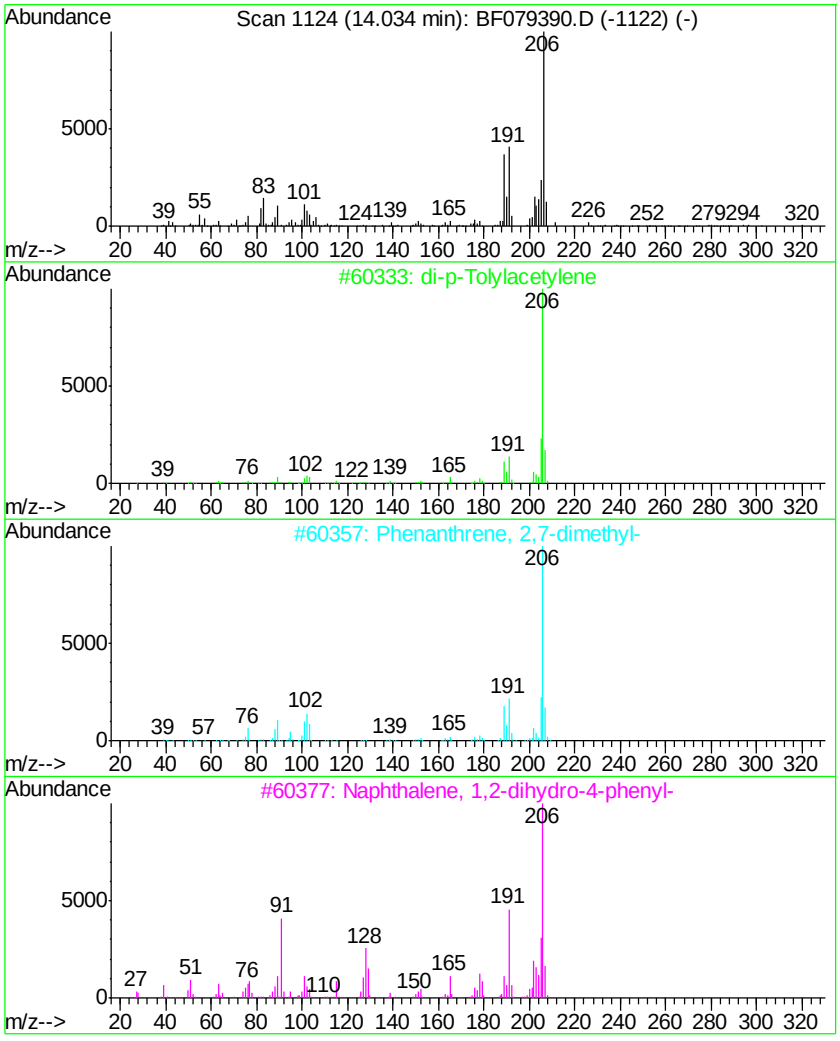
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

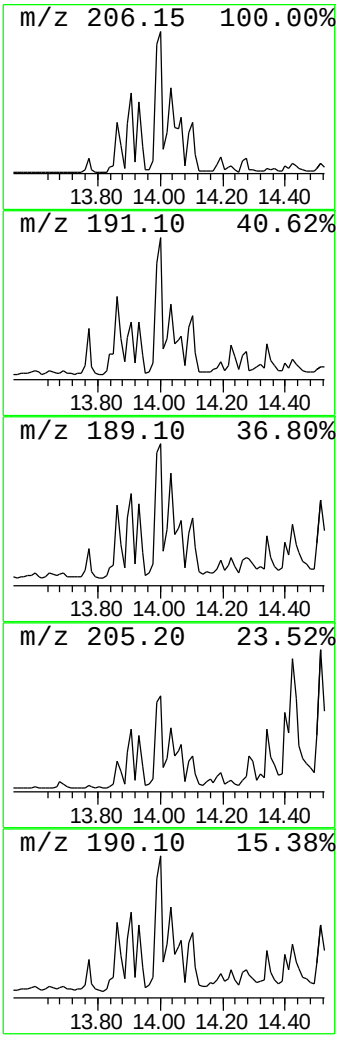
****

Peak Number 14 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	17.45 ng	784461	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

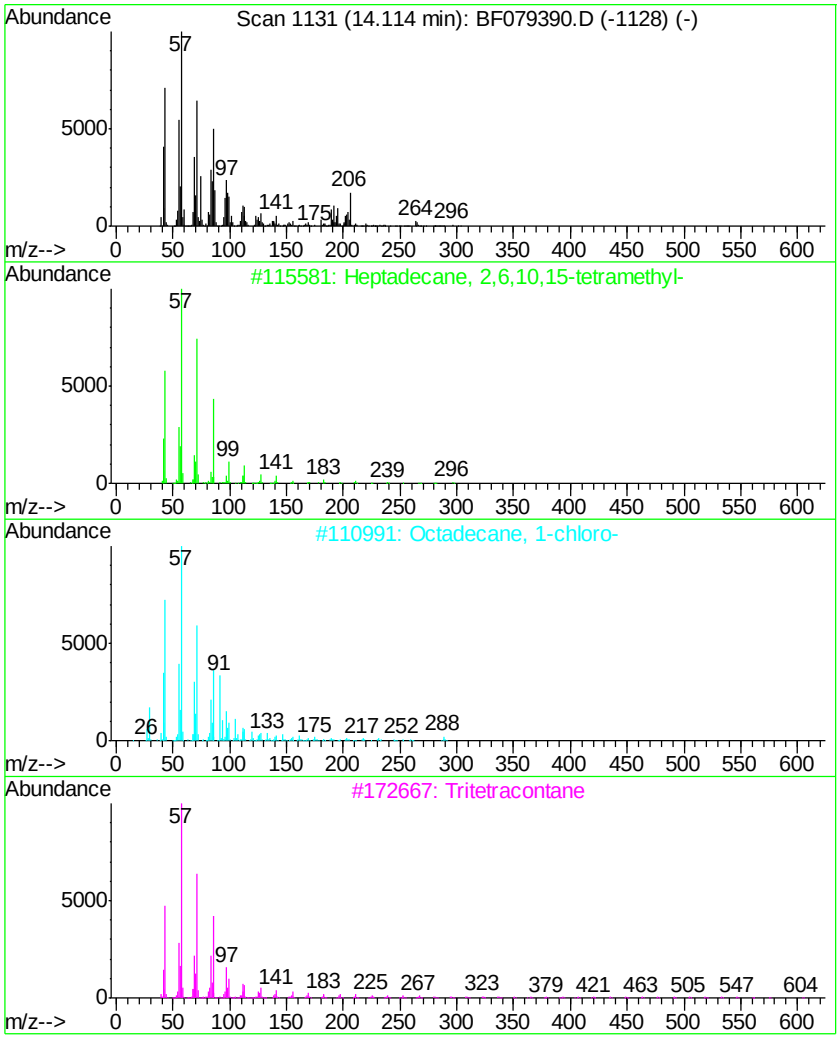
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

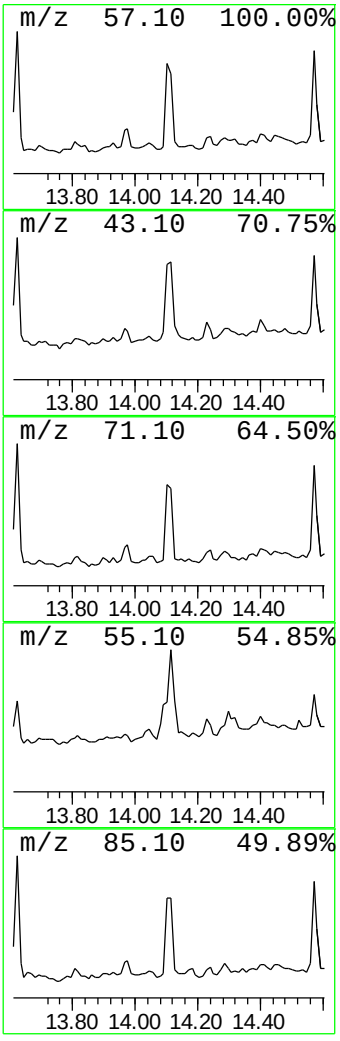
****

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	46.82 ng	2104110	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	81
3	Tritetracontane	605	C43H88	007098-21-7	68
4	Tridecane	184	C13H28	000629-50-5	60
5	Tetratetracontane	619	C44H90	007098-22-8	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

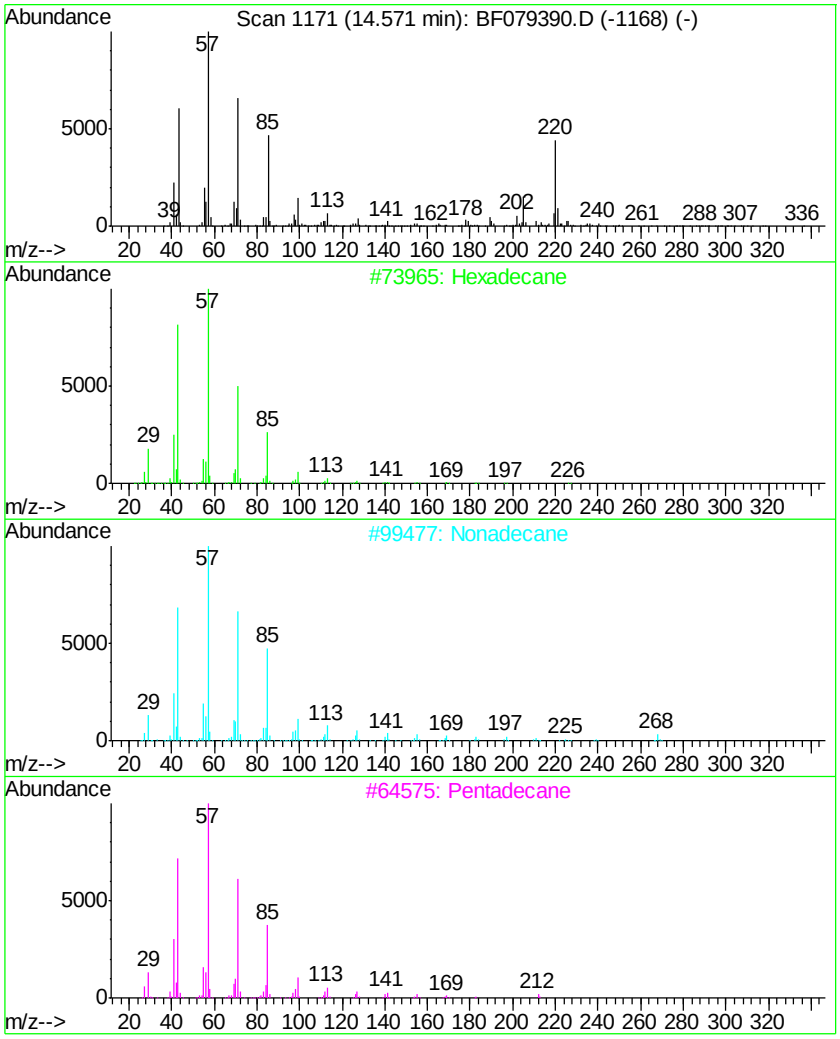
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

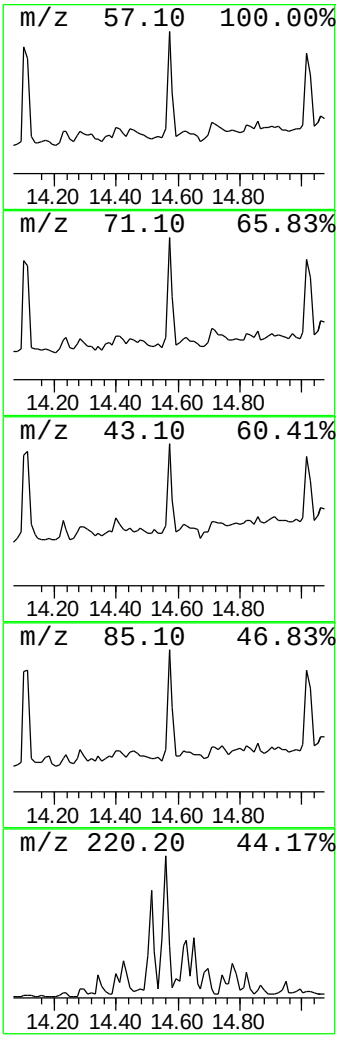
****

Peak Number 16 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	19.42 ng	1383620	Chrysene-d12	15.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	53
3	Pentadecane	212	C15H32	000629-62-9	53
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

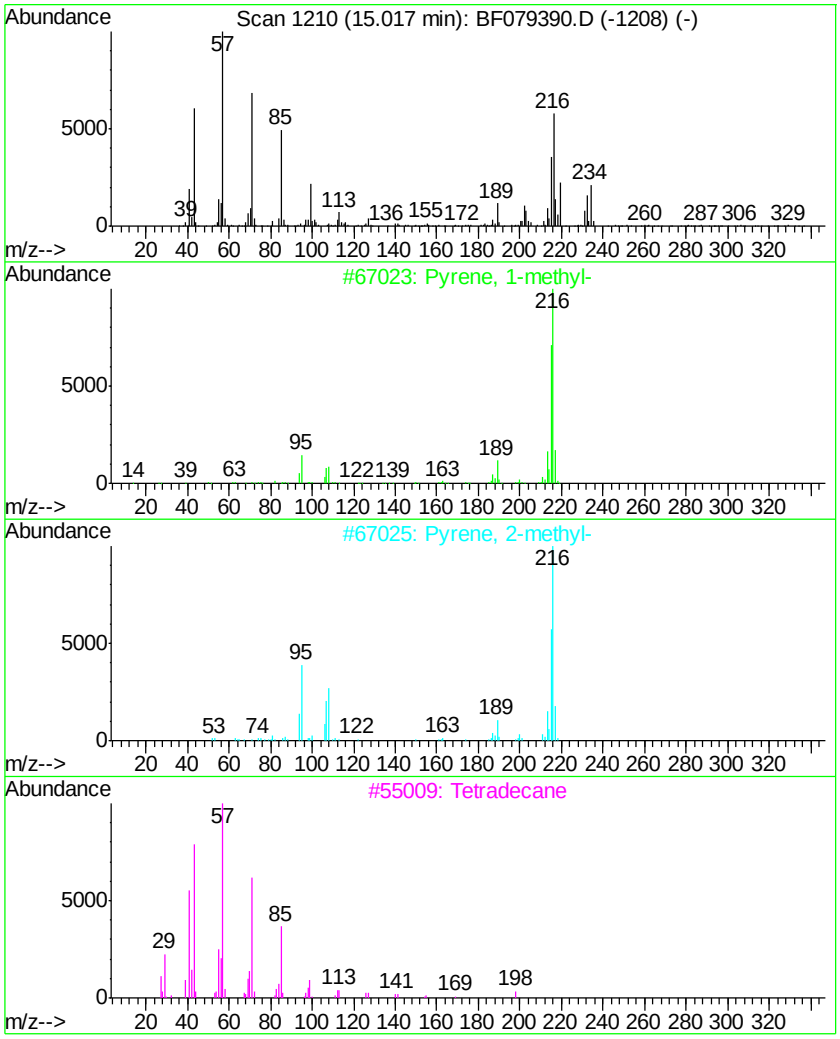
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

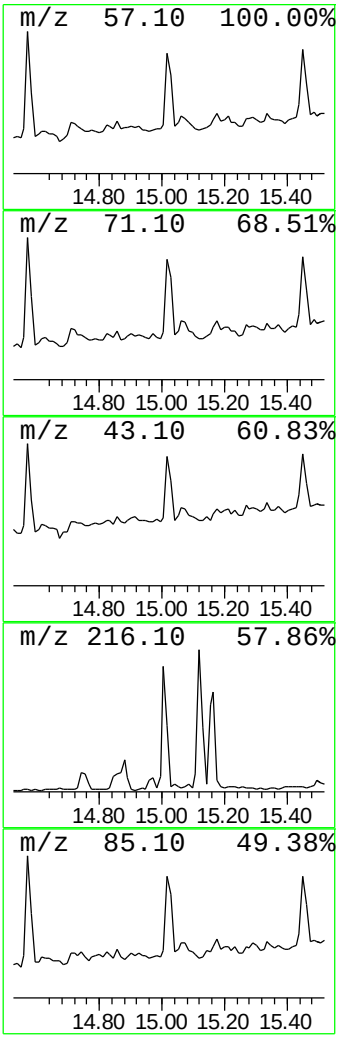
****

Peak Number 17 unknown15.02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	15.72 ng	1119760	Chrysene-d12	15.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	35
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	35
3	Tetradecane	198	C14H30	000629-59-4	27
4	Tridecane	184	C13H28	000629-50-5	27
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

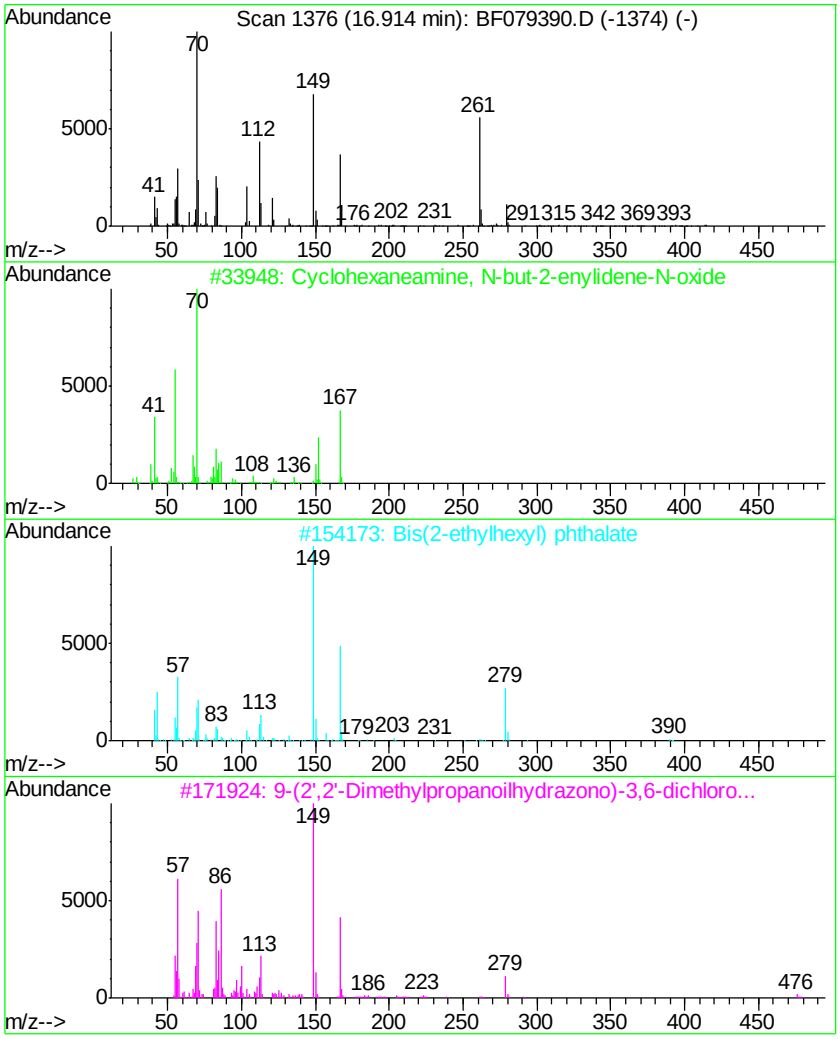
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

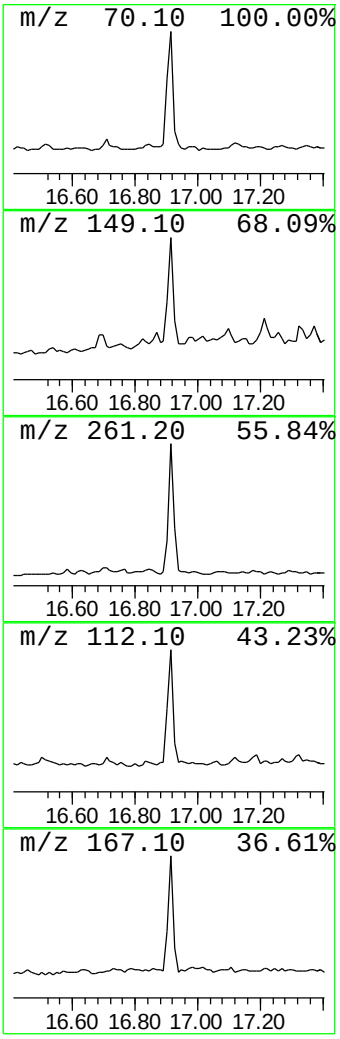
****

Peak Number 18 unknown16.91 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	15.44 ng	568316	Perylene-d12	17.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneamine, N-but-2-envlid...	167	C10H17NO	068048-01-1	22
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	17
3	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	14
4	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	14
5	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

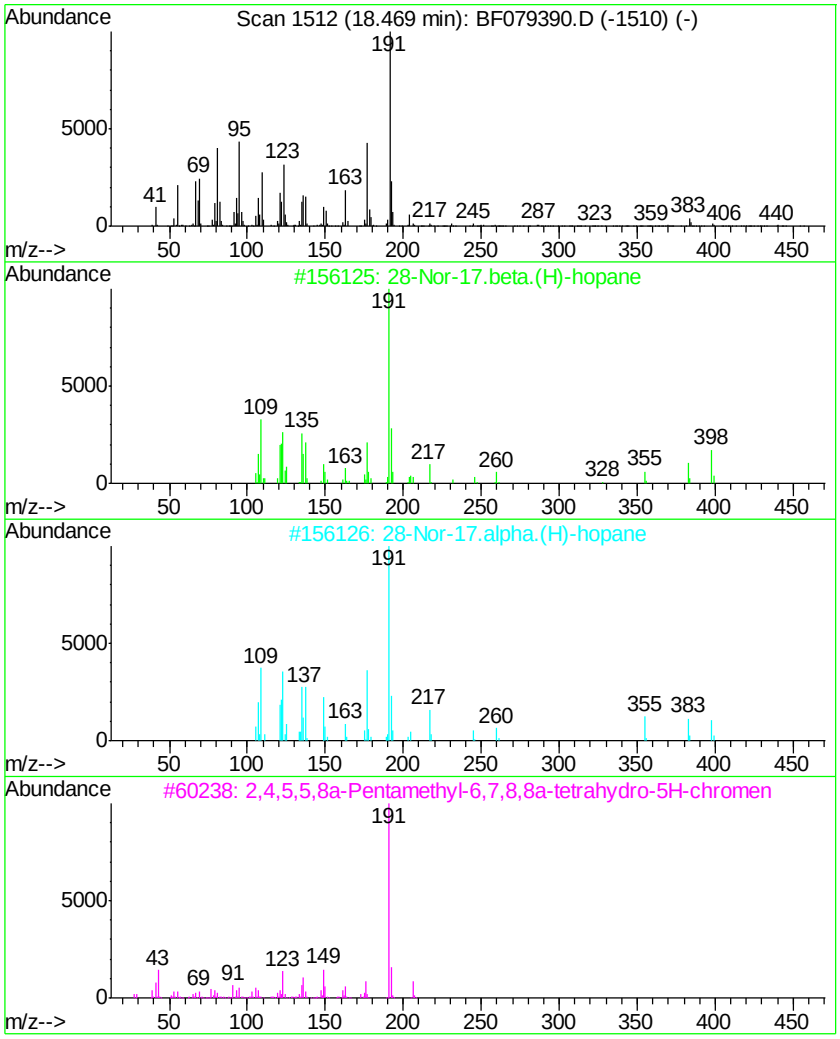
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

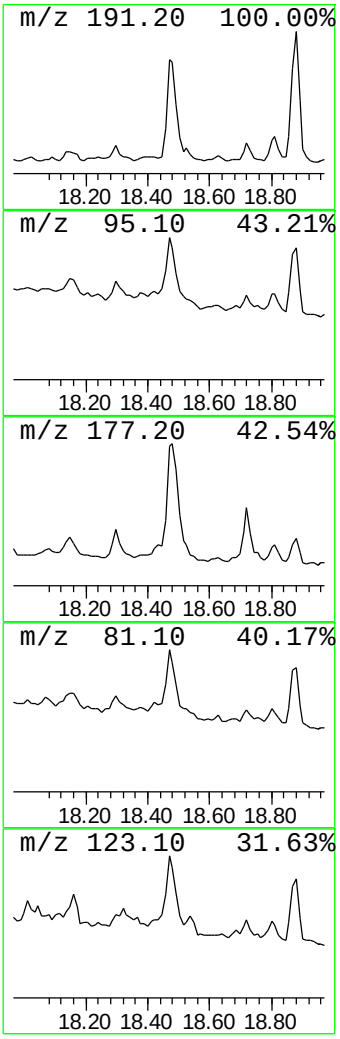
****

Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	72.34 ng	2663430	Perylene-d12	17.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	59
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

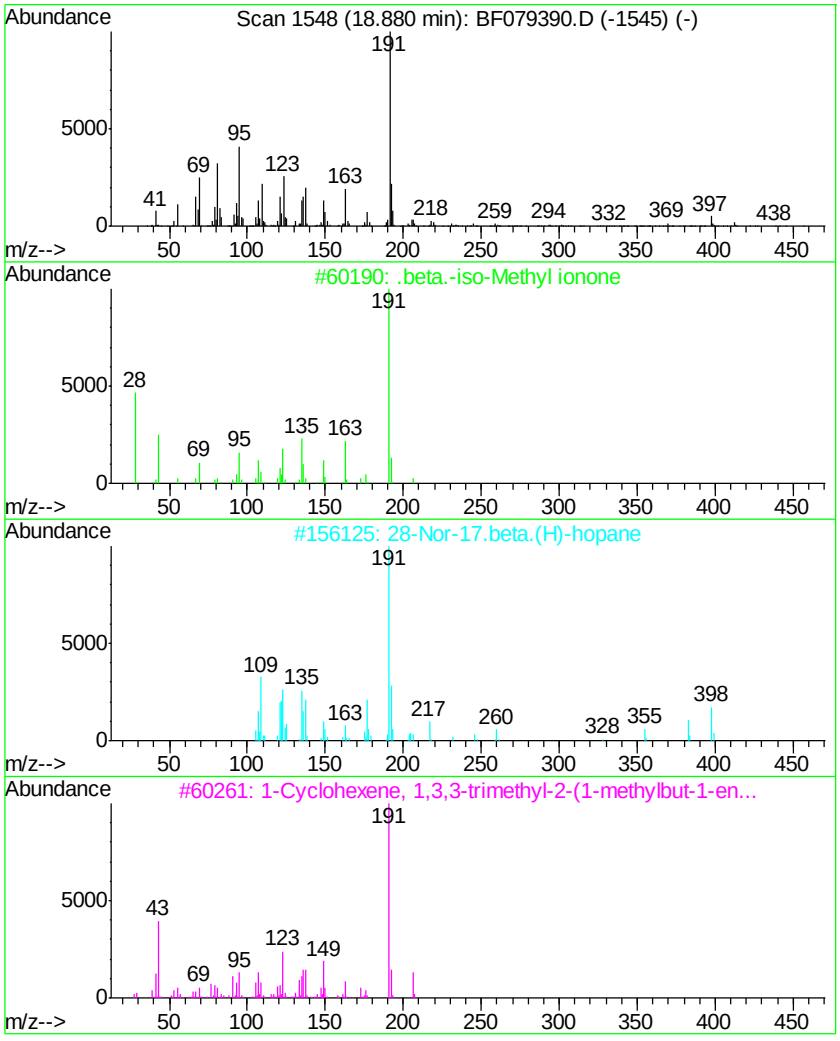
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

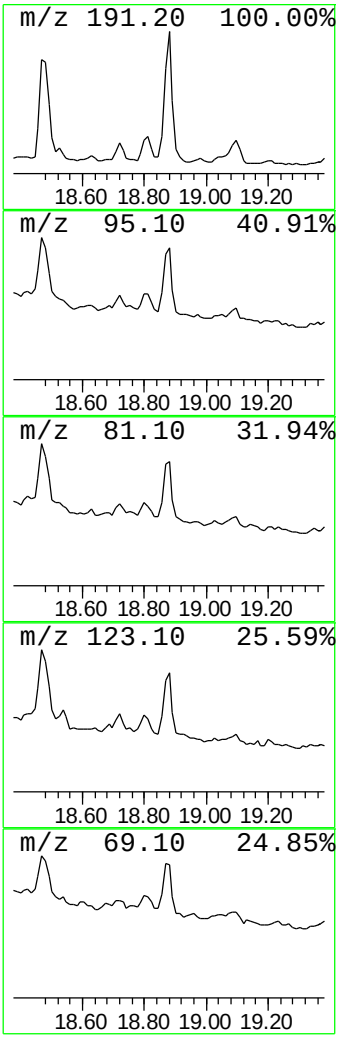
****

Peak Number 20 unknown18.88 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	48.48 ng	1784900	Perylene-d12	17.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
5	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
Data File : BF079390.D
Acq On : 20 May 2015 20:55
Operator : TP/IZ
Sample : G2303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4DEPTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.52	14.6	ng	327104	1	7.08	449323	20.0
2-Pentanone, 4-hy...	4.83	20.2	ng	452942	1	7.08	449323	20.0
unknown6.80	6.80	65.9	ng	1481150	1	7.08	449323	20.0
Hexadecane, 2,6,1...	12.03	19.8	ng	887866	4	12.67	898845	20.0
2-Bromo dodecane	13.11	23.2	ng	1044560	4	12.67	898845	20.0
Anthracene, 1-met...	13.30	16.7	ng	751540	4	12.67	898845	20.0
Phenanthrene, 2-m...	13.34	17.2	ng	771860	4	12.67	898845	20.0
Phenanthrene, 1-m...	13.44	28.1	ng	1264490	4	12.67	898845	20.0
Phenanthrene, 2,5...	14.00	27.5	ng	1236120	4	12.67	898845	20.0
di-p-Tolylacetylene	14.03	17.4	ng	784461	4	12.67	898845	20.0
Heptadecane, 2,6,...	14.11	46.8	ng	2104110	4	12.67	898845	20.0
Hexadecane	14.57	19.4	ng	1383620	5	15.98	1425060	20.0
unknown15.02	15.02	15.7	ng	1119760	5	15.98	1425060	20.0
unknown16.91	16.91	15.4	ng	568316	6	17.79	736327	20.0
28-Nor-17.beta.(H...	18.47	72.3	ng	2663430	6	17.79	736327	20.0
unknown18.88	18.88	48.5	ng	1784900	6	17.79	736327	20.0