LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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	1.233	3	4	7	rVB	4218692	4602446	42.62%	1.673%
2	1.736	46	48	78	rVB	2595757	4710954	43.62%	1.713%
3	5.370	364	366	369	rBV	1288550	1435208	13.29%	0.522%
4	6.673	477	480	481	rVV	1453582	1607772	14.89%	0.585%
5	6.799	489	491	494	rVV	1401169	1696748	15.71%	0.617%
6	7.245	527	530	531	rBV	853559	1296244	12.00%	0.471%
7	7.279	531	533	539	rVB	1238793	1795515	16.63%	0.653%
8	7.496	550	552	554	rBV	1326227	1318555	12.21%	0.479%
9	7.588	557	560	564	rVB3	580214	1276496	11.82%	0.464%
10	7.759	572	575	576	rBV2	921776	1057579	9.79%	0.385%
11	7.782	576	577	579	rVB2	876324	1086841	10.06%	0.395%
12	7.862	582	584	586	rBV	2250210	2364925	21.90%	0.860%
13	8.079	602	603	607	rVB	1707966	1918035	17.76%	0.697%
14	8.216	611	615	618	rBV3	1075170	2338916	21.66%	0.850%
15	8.353	625	627	629	rVB2	2035235	2405973	22.28%	0.875%
16	8.399	629	631	634	rVB2	1682589	2338702	21.66%	0.850%
17	8.456	634	636	639	rBV3	1369566	2789836	25.83%	1.014%
18	8.525	639	642	646	rBV2	475647	1261429	11.68%	0.459%
19	8.696	649	657	659	rBV3	3912280	10007482	92.67%	3.639%
20	8.742	659	661	664	rVB	929491	1176441	10.89%	0.428%
21	8.788	664	665	669	rVB2	1717312	2145854	19.87%	0.780%
22	8.913	674	676	679	rBV3	1212061	1823586	16.89%	0.663%
23	9.051	687	688	690	rBV2	663461	1101004	10.20%	0.400%
24	9.096	690	692	694	rVB2	994521	1667405	15.44%	0.606%
25	9.142	694	696	697	rBV	1343840	1917914	17.76%	0.697%
26	9.233	702	704	708	rBV3	2393397	3990401	36.95%	1.451%
27	9.302	708	710	712	rBV	2194743	2580647	23.90%	0.938%
28	9.359	712	715	718	rVB4	584689	1486264	13.76%	0.540%
29	9.451	720	723	725	rBV	4538991	6189409	57.32%	2.250%
30	9.496	725	727	729	rVB	1522705	1529636	14.16%	0.556%
31	9.553	729	732	735	rVB3	1598413	3269643	30.28%	1.189%
32	9.679	739	743	744	rBV3	1434937	2685990	24.87%	0.977%
33	9.702	744	745	747	rVB2	2273977	2241888	20.76%	0.815%
34	9.736	747	748	750	rVB	939299	1257218	11.64%	0.457%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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	9.805	750	754	757	rBV5	1408036	4931731	45.67%	1.793%
36	9.862	757	759	761	rVB3	1287746	1744898	16.16%	0.634%
37	9.908	761	763	764	rVB	1531666	1715278	15.88%	0.624%
38	9.954	764	767	768	rBV3	1628672	2115629	19.59%	0.769%
39	9.988	768	770	771	rVV2	2217465	2447826	22.67%	0.890%
40	10.159	783	785	787	rVV	4549189	5887757	54.52%	2.141%
41	10.205	787	789	791	rVV	2046143	2344271	21.71%	0.852%
42	10.239	791	792	794	rVB2	869465	1164114	10.78%	0.423%
43	10.342	799	801	804	rBV	2409762	4399336	40.74%	1.600%
44	10.434	806	809	810	rBV2	2398836	2955989	27.37%	1.075%
45	10.468	810	812	814	rVV3	2071710	2426485	22.47%	0.882%
46	10.559	816	820	821	rBV3	3121920	6721694	62.24%	2.444%
47	10.674	828	830	832	rVB3	1011415	1477839	13.69%	0.537%
48	10.776	837	839	841	rBV2	580543	1252059	11.59%	0.455%
49	10.822	841	843	850	rBV	4894963	10798793	100.00%	3.926%
50	10.994	856	858	860	rBV	1680726	2721158	25.20%	0.989%
51	11.108	863	868	870	rBV2	2658760	6142983	56.89%	2.234%
52	11.211	876	877	879	rVB	1907946	2590121	23.99%	0.942%
53	11.256	879	881	883	rBV2	2044882	2951816	27.33%	1.073%
54	11.291	883	884	885	rVB	1862374	1276657	11.82%	0.464%
55	11.371	885	891	896	rBV7	1477894	5337600	49.43%	1.941%
56	11.451	896	898	900	rVV	4660015	5931137	54.92%	2.156%
57	11.519	903	904	906	rVB2	1020446	1392816	12.90%	0.506%
58	11.577	906	909	910	rBV2	1424103	2275337	21.07%	0.827%
59	11.611	910	912	913	rVB2	1081167	1228938	11.38%	0.447%
60	11.714	919	921	925	rVB	3045874	5101288	47.24%	1.855%
61	11.817	928	930	931	rBV	1765735	1968692	18.23%	0.716%
62	11.954	940	942	944	rBV2	766740	1301199	12.05%	0.473%
63	12.045	947	950	953	rBV2	4516937	10784728	99.87%	3.921%
64	12.274	966	970	972	rBV2	1331049	3682544	34.10%	1.339%
65	12.354	975	977	978	rBV2	1272245	1212716	11.23%	0.441%
66	12.388	978	980	983	rBV4	1201846	1943288	18.00%	0.707%
67	12.594	996	998	1000	rBV	4018762	6409222	59.35%	2.330%
68	12.628	1000	1001	1004	rVB	3515657	3922645	36.32%	1.426%
69	12.685	1004	1006	1008	rBV2	750336	1236571	11.45%	0.450%
70	12.811	1015	1017	1018	rBV2	855386	1243882	11.52%	0.452%
71	13.062	1037	1039	1041	rVB	1292483	1481823	13.72%	0.539%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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	13.131	1042	1045	1047	rVB	4181659	5314119	49.21%	1.932%
73	13.325	1059	1062	1063	rBV2	1715507	2854270	26.43%	1.038%
74	13.348	1063	1064	1068	rVB	1482258	2366619	21.92%	0.860%
75	13.417	1068	1070	1071	rBV2	641378	1173734	10.87%	0.427%
76	13.451	1071	1073	1075	rVV2	1533705	2490887	23.07%	0.906%
77	13.485	1075	1076	1078	rVB2	1029703	1156055	10.71%	0.420%
78	13.634	1087	1089	1092	rVB	3751706	5151634	47.71%	1.873%
79	13.702	1093	1095	1100	rVB4	728475	1446838	13.40%	0.526%
80	13.817	1103	1105	1109	rBV2	560412	1171459	10.85%	0.426%
81	13.920	1112	1114	1115	rBV2	793952	1102765	10.21%	0.401%
82	14.011	1118	1122	1123	rBV2	1537520	2995276	27.74%	1.089%
83	14.045	1123	1125	1127	rVV2	976503	1154571	10.69%	0.420%
84	14.125	1127	1132	1134	rVB3	4383788	7533743	69.76%	2.739%
85	14.240	1140	1142	1144	rBV2	1000778	1158673	10.73%	0.421%
86	14.320	1144	1149	1151	rBV4	995804	2269577	21.02%	0.825%
87	14.525	1165	1167	1169	rVB2	902877	1169246	10.83%	0.425%
88	14.583	1169	1172	1175	rBV2	3587066	4948403	45.82%	1.799%
89	14.685	1179	1181	1183	rVB	1225790	1210425	11.21%	0.440%
90	15.028	1209	1211	1215	rBV2	3056939	4362659	40.40%	1.586%
91	15.177	1222	1224	1226	rVV3	715742	1115772	10.33%	0.406%
92	15.463	1246	1249	1251	rVB	2196067	2657524	24.61%	0.966%
93	15.886	1283	1286	1291	rVB	1823515	2509161	23.24%	0.912%
94	15.988	1292	1295	1297	rBV2	643603	1426653	13.21%	0.519%
95	16.308	1320	1323	1326	rVB	1420277	2083094	19.29%	0.757%
96	16.720	1357	1359	1362	rVB	989503	1355225	12.55%	0.493%
97	17.143	1393	1396	1399	rBV2	739428	1514044	14.02%	0.550%
98	17.211	1399	1402	1406	rVB2	1097683	2263574	20.96%	0.823%
99	17.291	1406	1409	1412	rBV3	538836	1135191	10.51%	0.413%
100	17.817	1452	1455	1461	rVB	539794	1052054	9.74%	0.383%

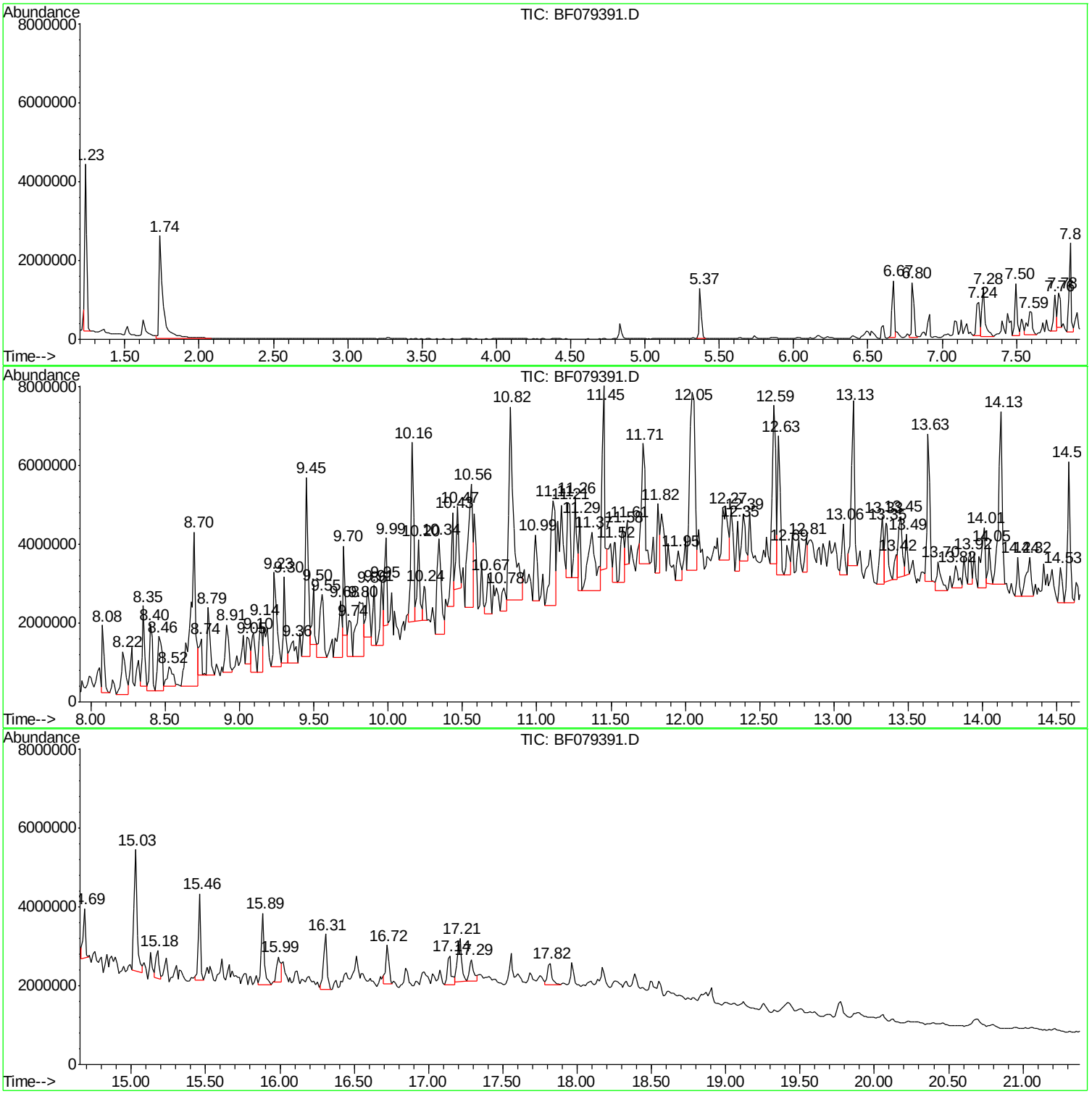
Sum of corrected areas: 275037061

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
7DEPTH

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

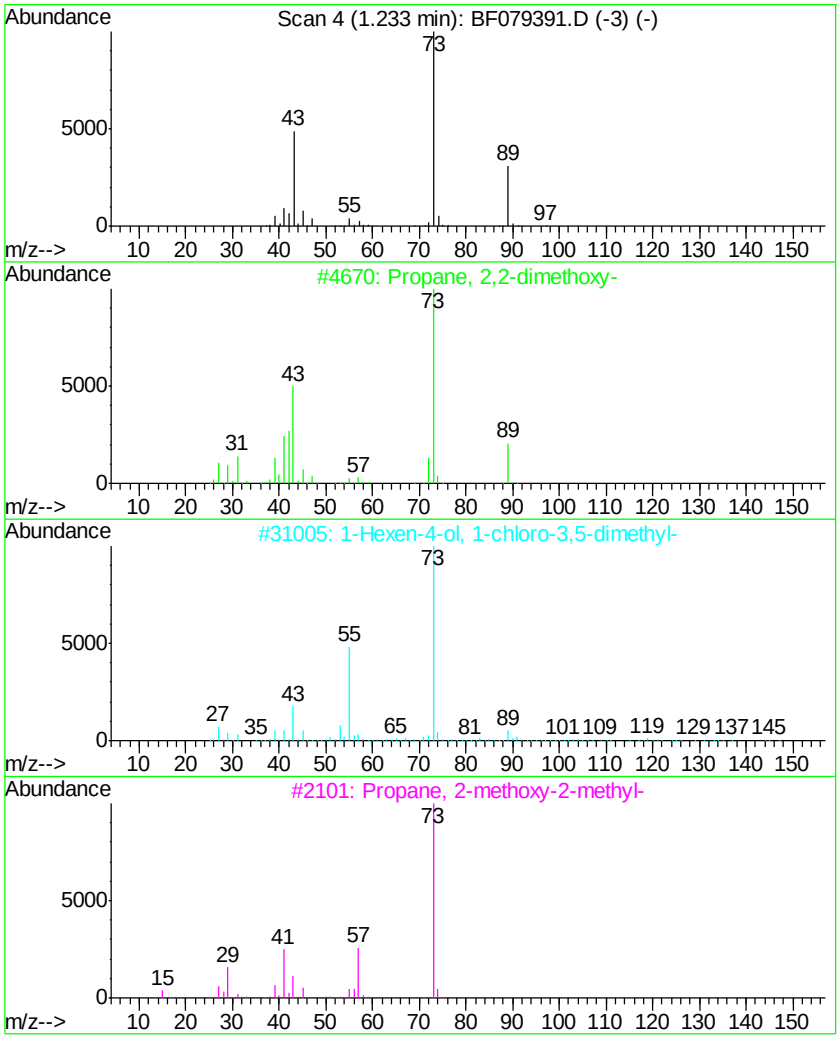
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

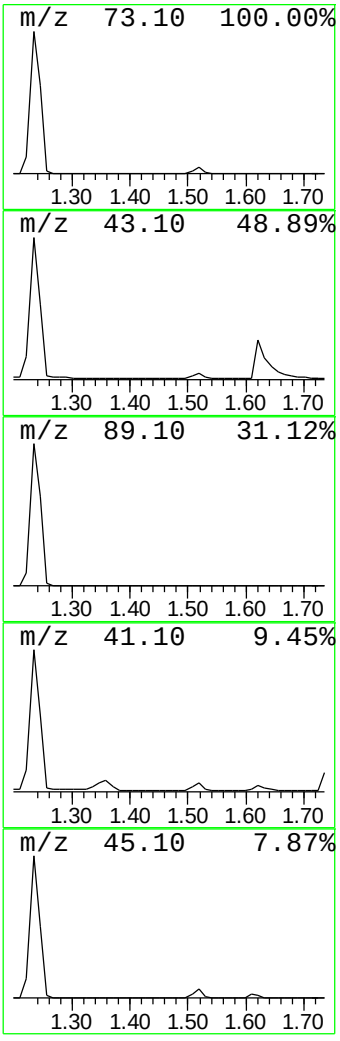
****

Peak Number 1 unknown1.23 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	71.01 ng	4602450	1,4-Dichlorobenzene-d4	7.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

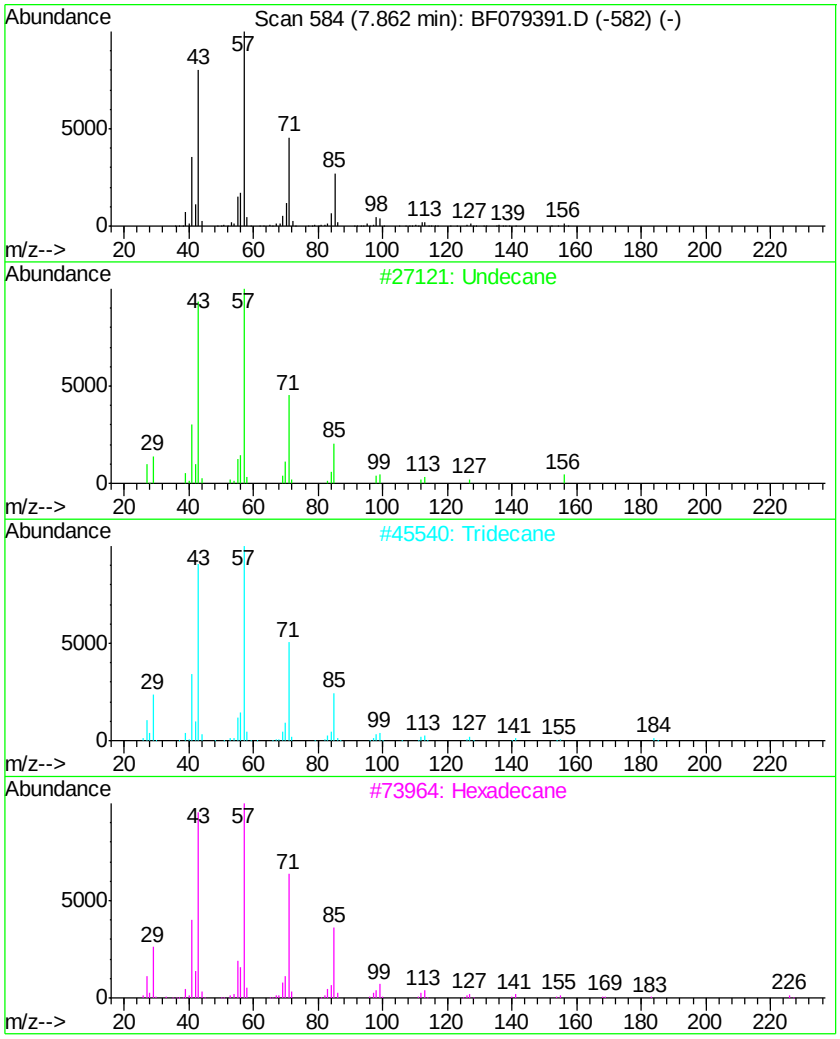
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

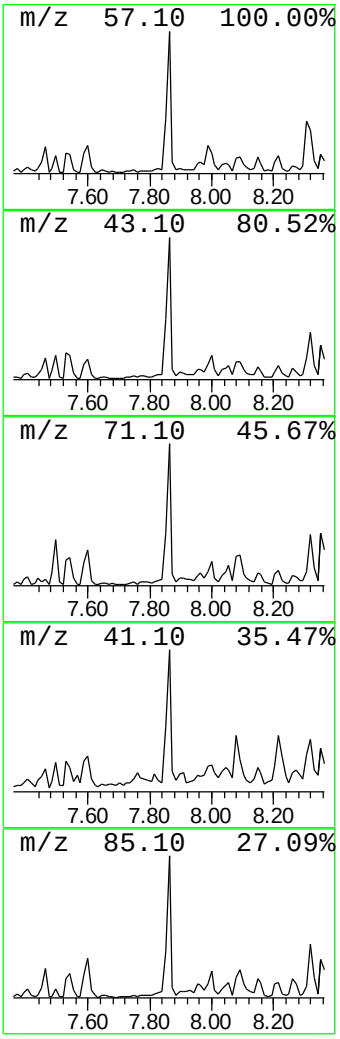
****

Peak Number 3 Undecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	36.49 ng	2364930	1,4-Dichlorobenzene-d4	7.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

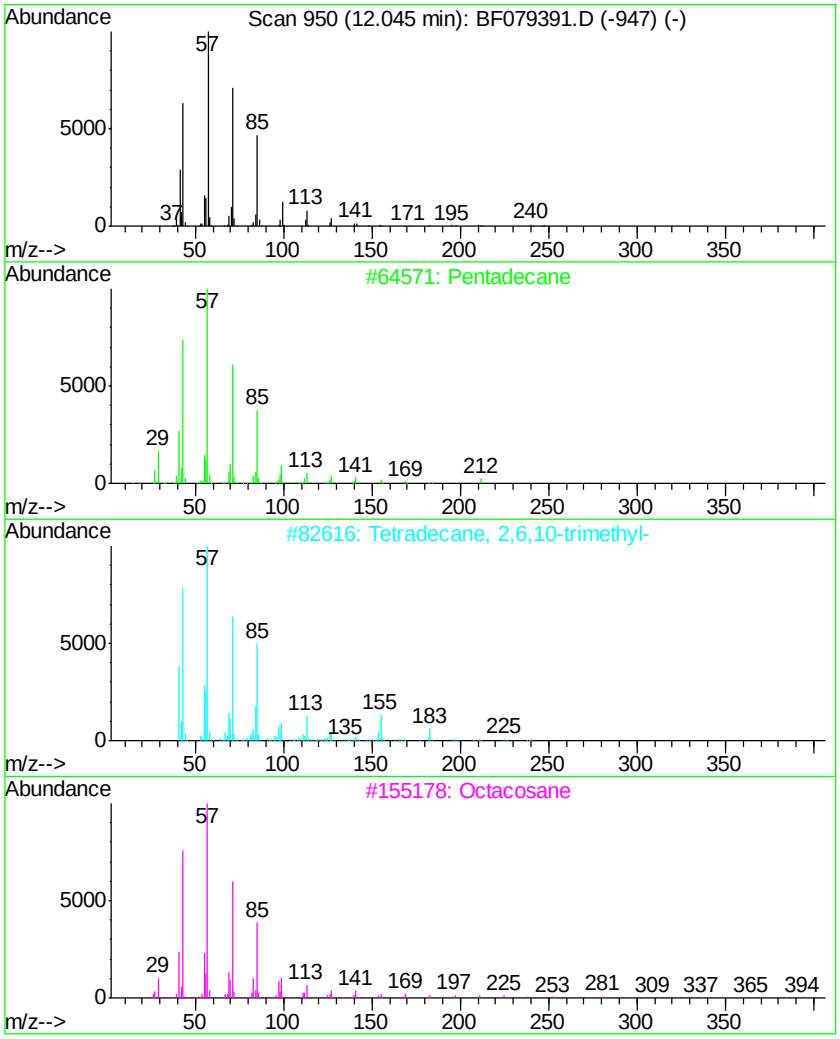
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

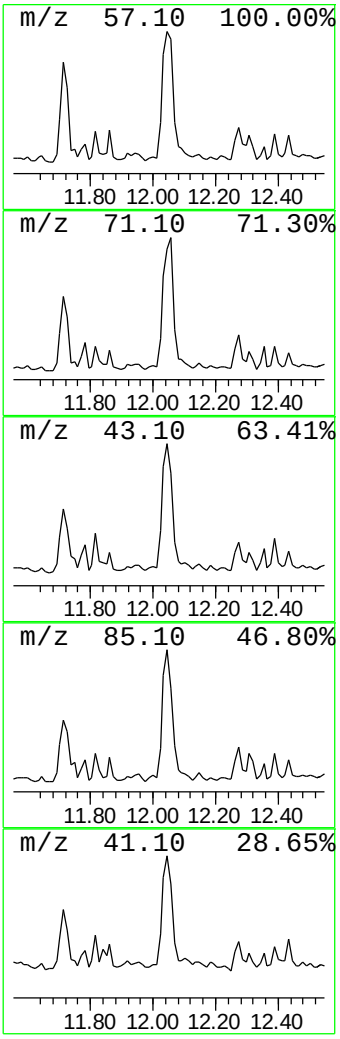
****

Peak Number 4 Pentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	174.43 ng	10784700	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

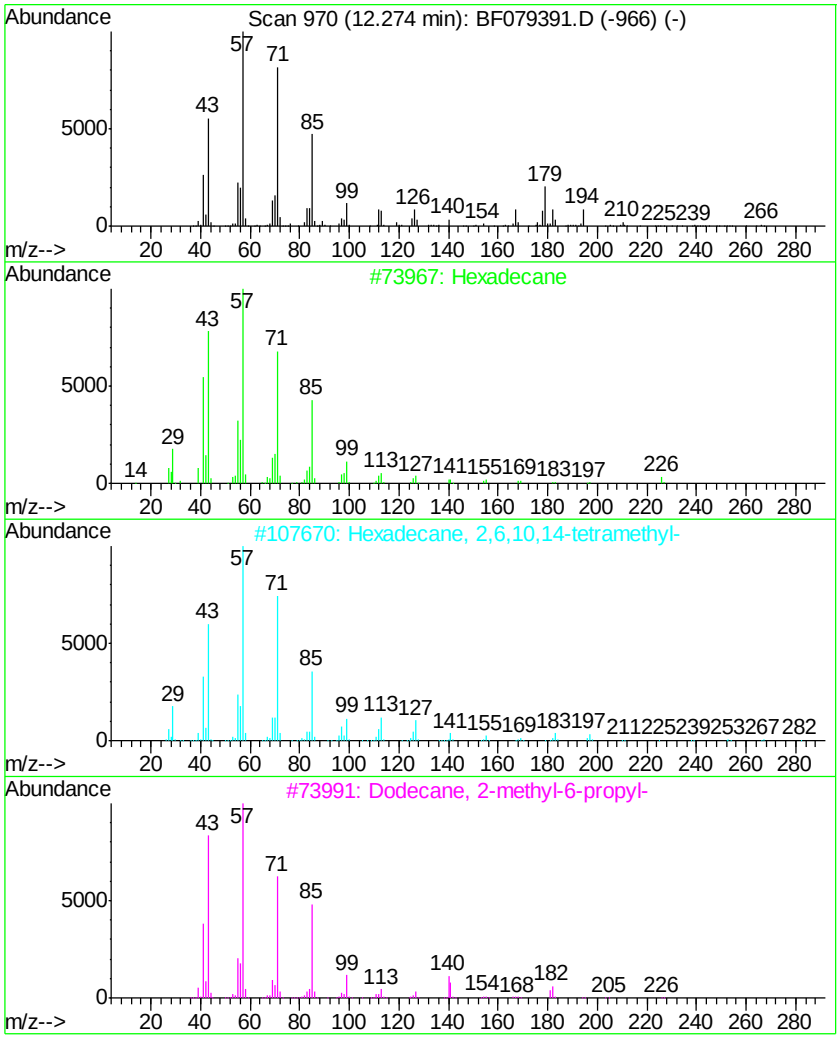
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

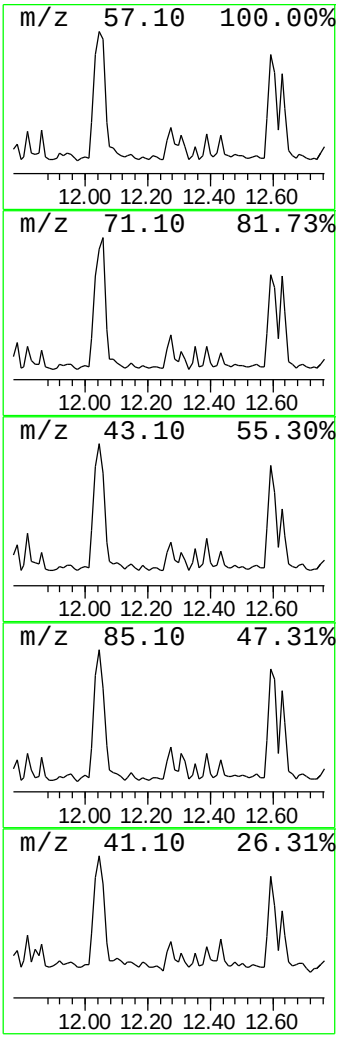
****

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	59.56 ng	3682540	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

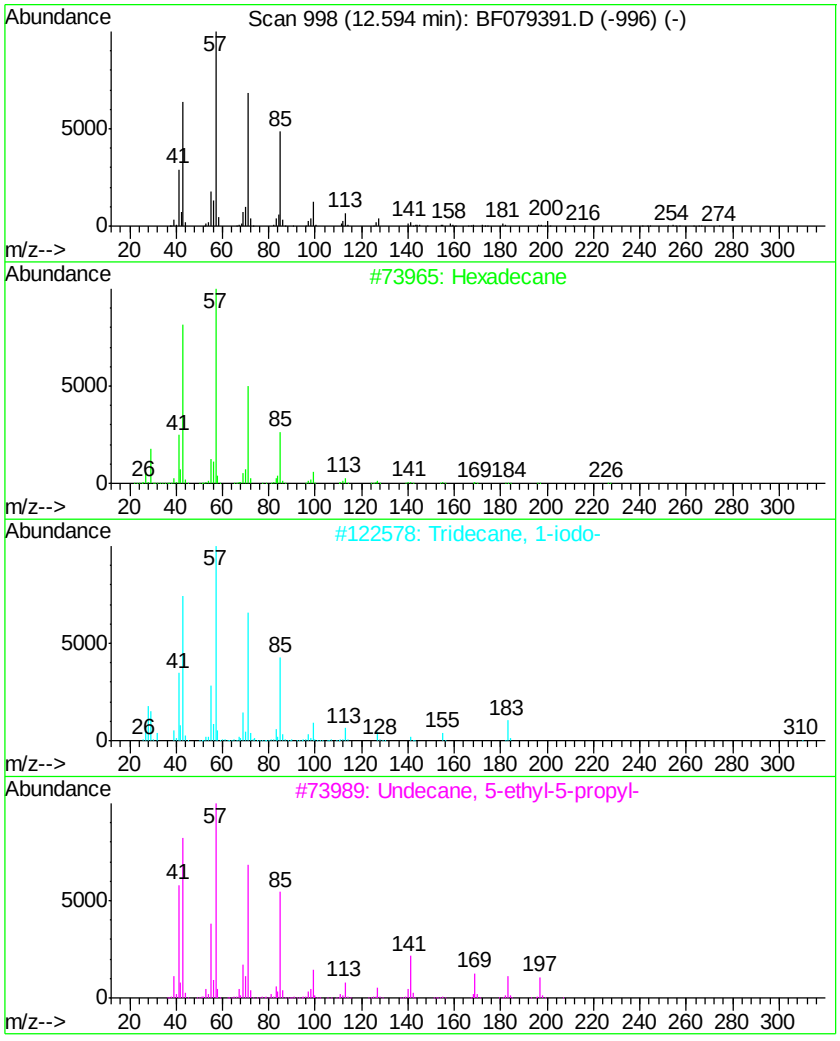
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

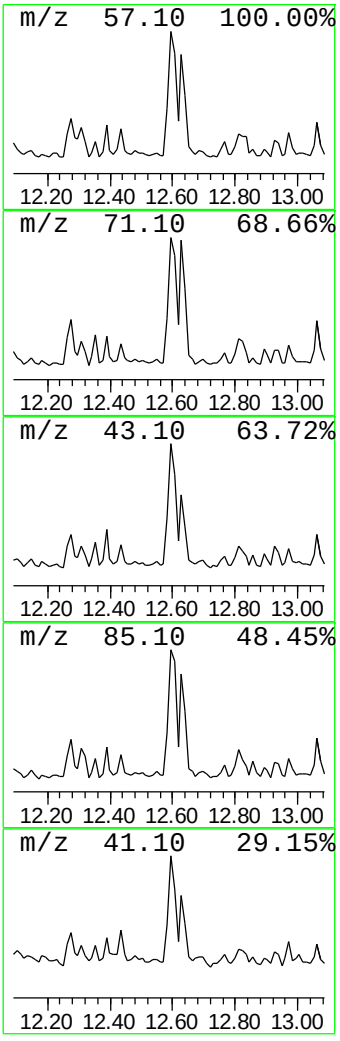
****

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	103.66 ng	6409220	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

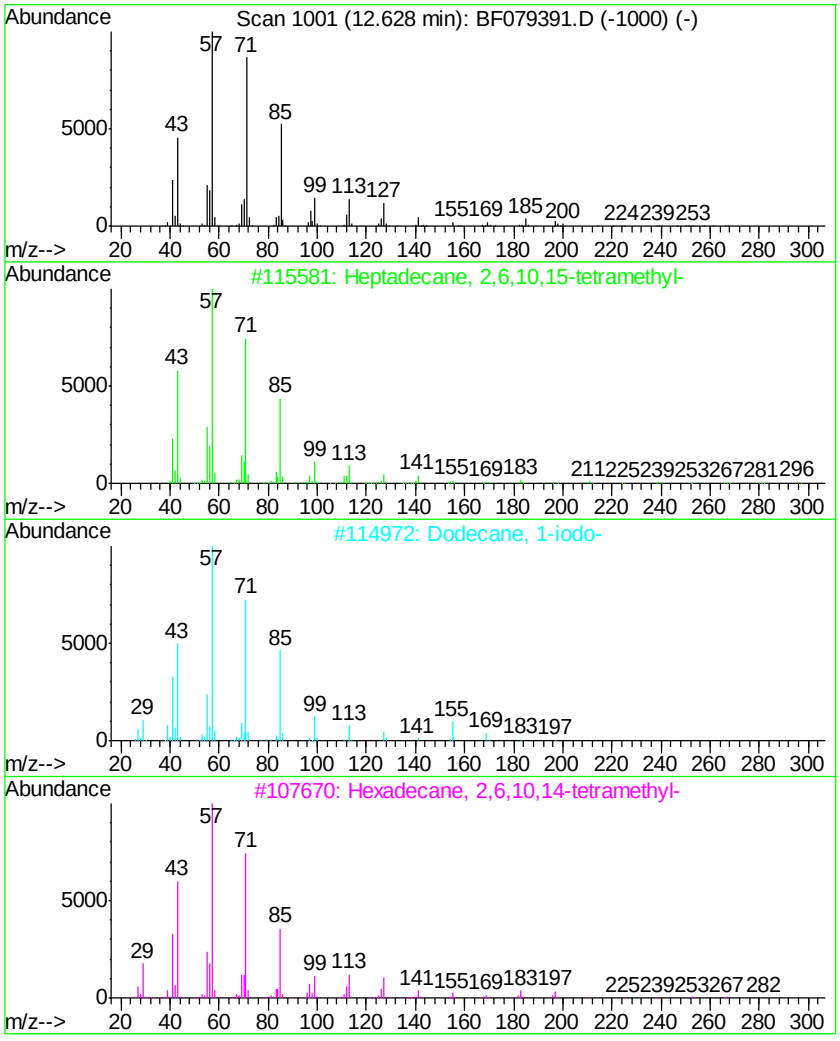
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

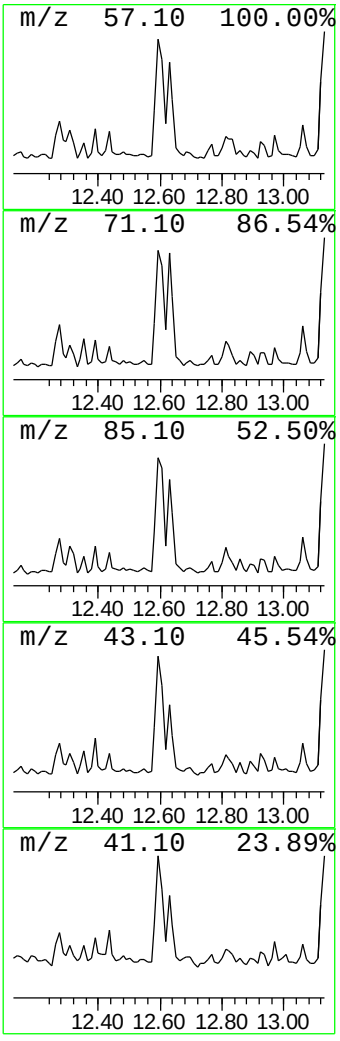
****

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	63.44 ng	3922650	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Hexacosane	366	C26H54	000630-01-3	78
5	Tetracosane	338	C24H50	000646-31-1	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

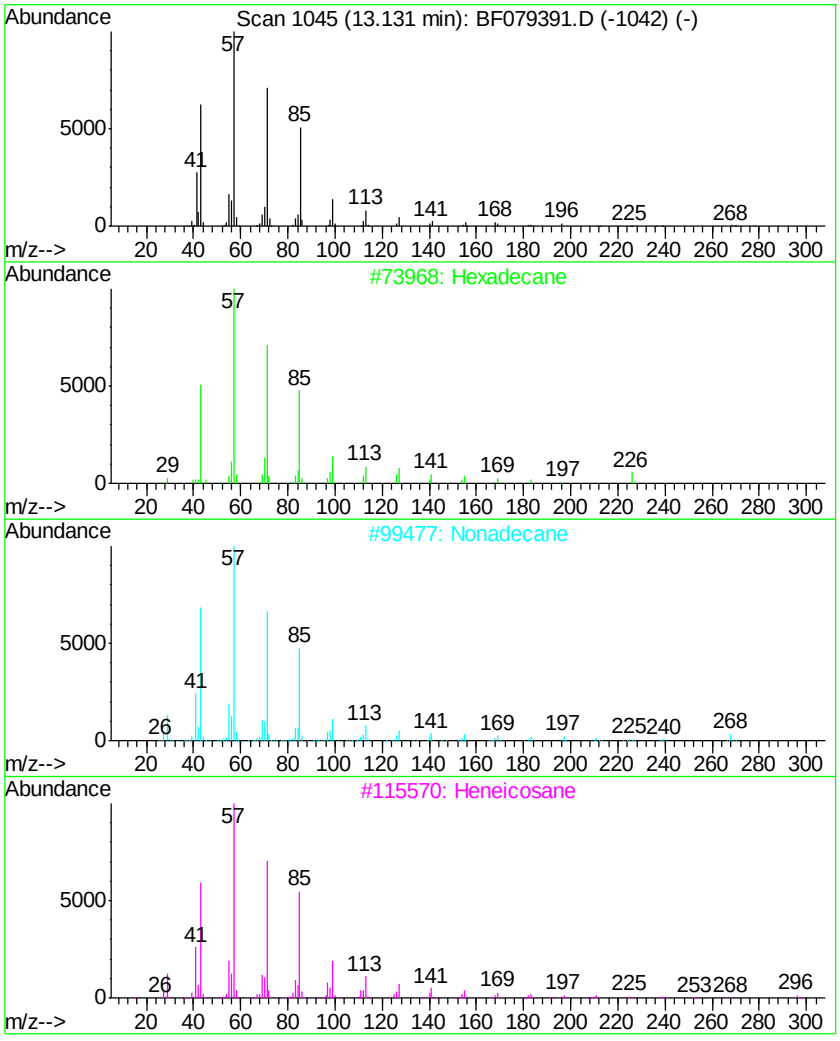
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

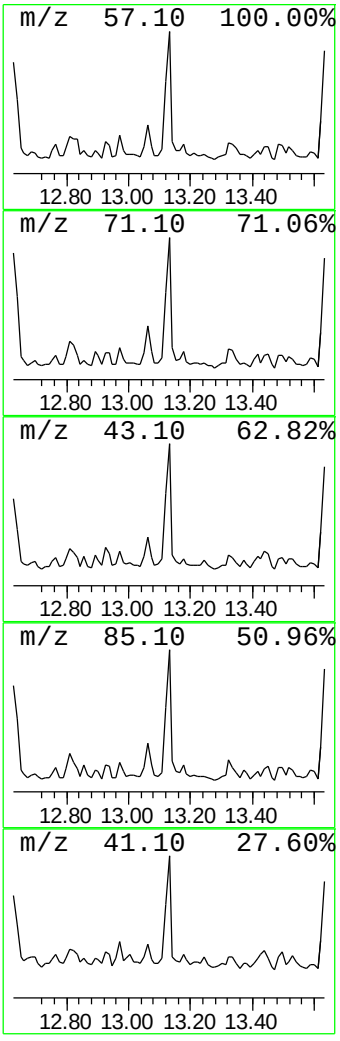
****

Peak Number 8 unknown13.13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	85.95 ng	5314120	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

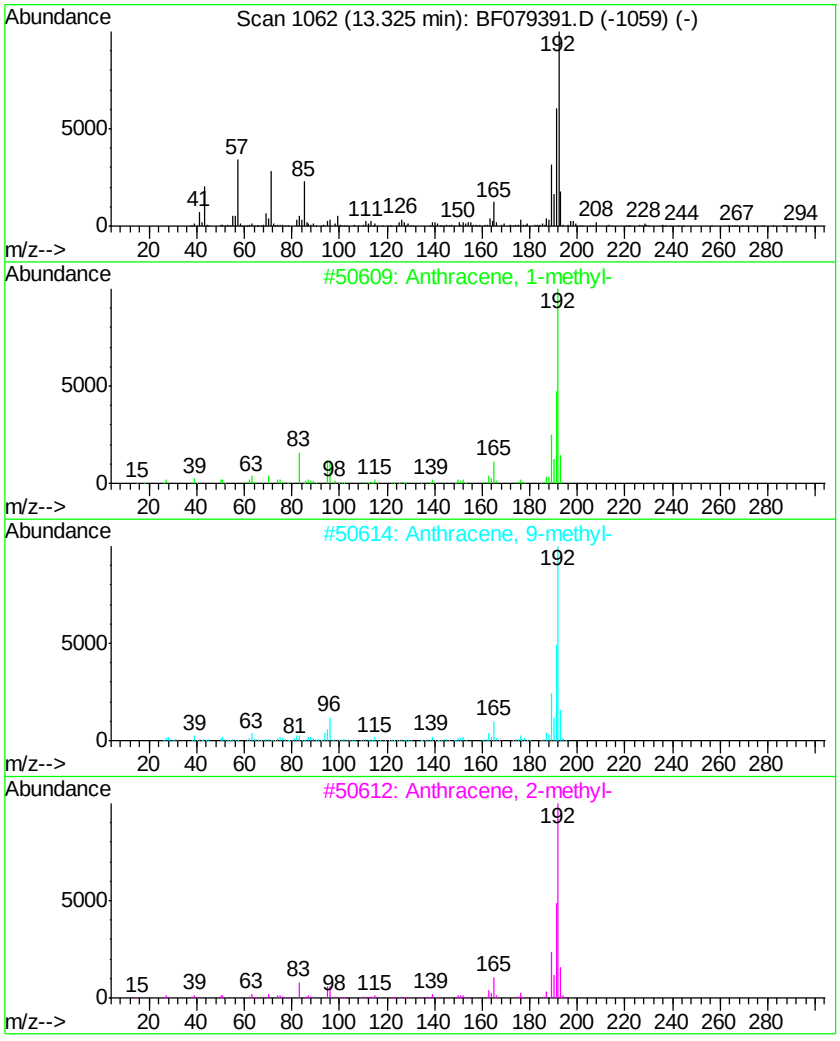
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

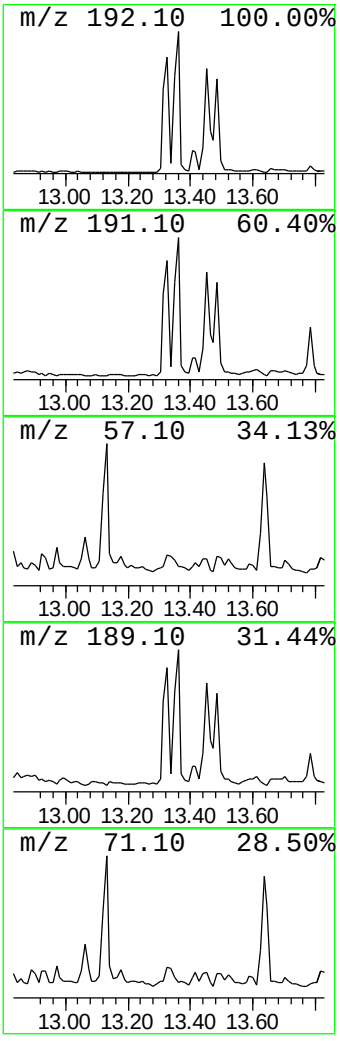
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	46.16 ng	2854270	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

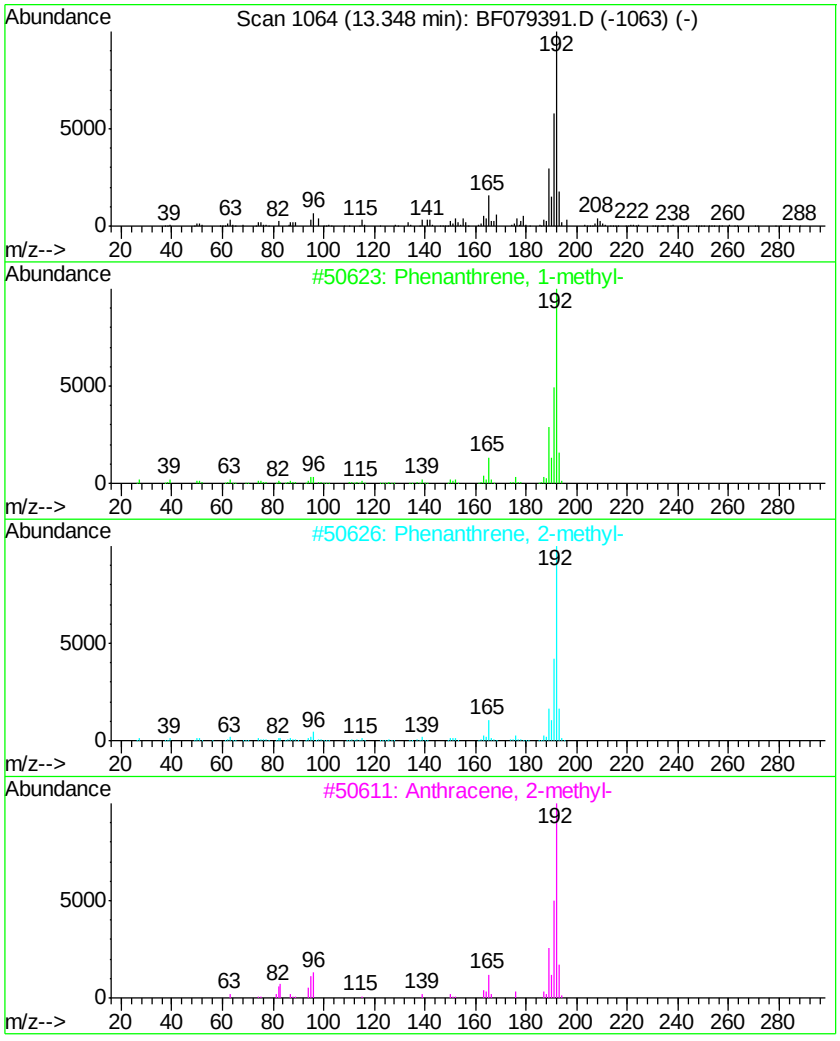
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

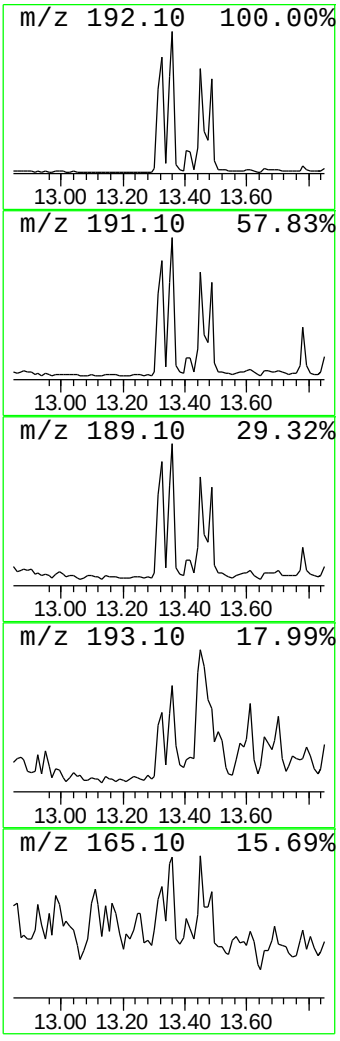
****

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	38.28 ng	2366620	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

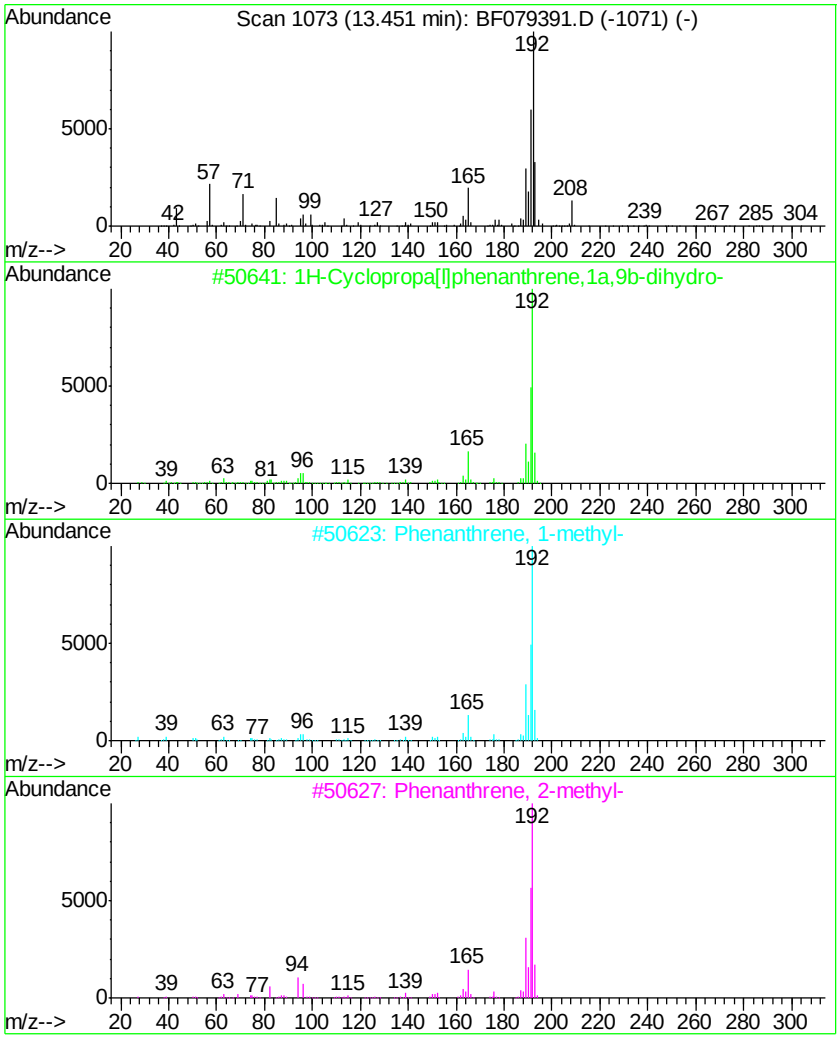
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

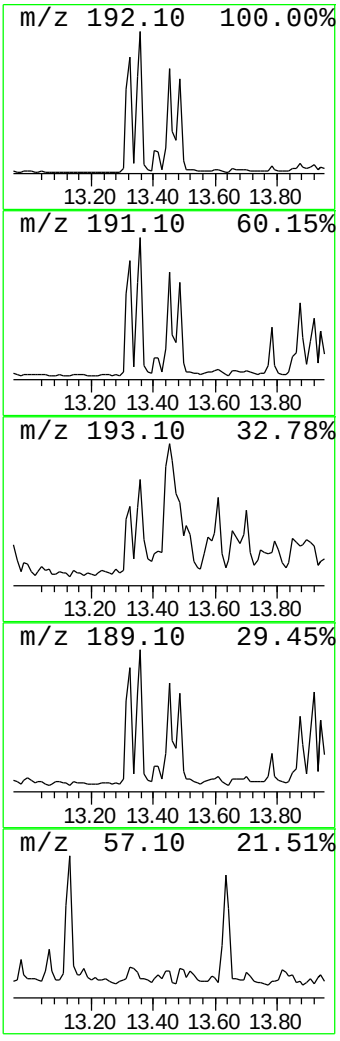
****

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	40.29 ng	2490890	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

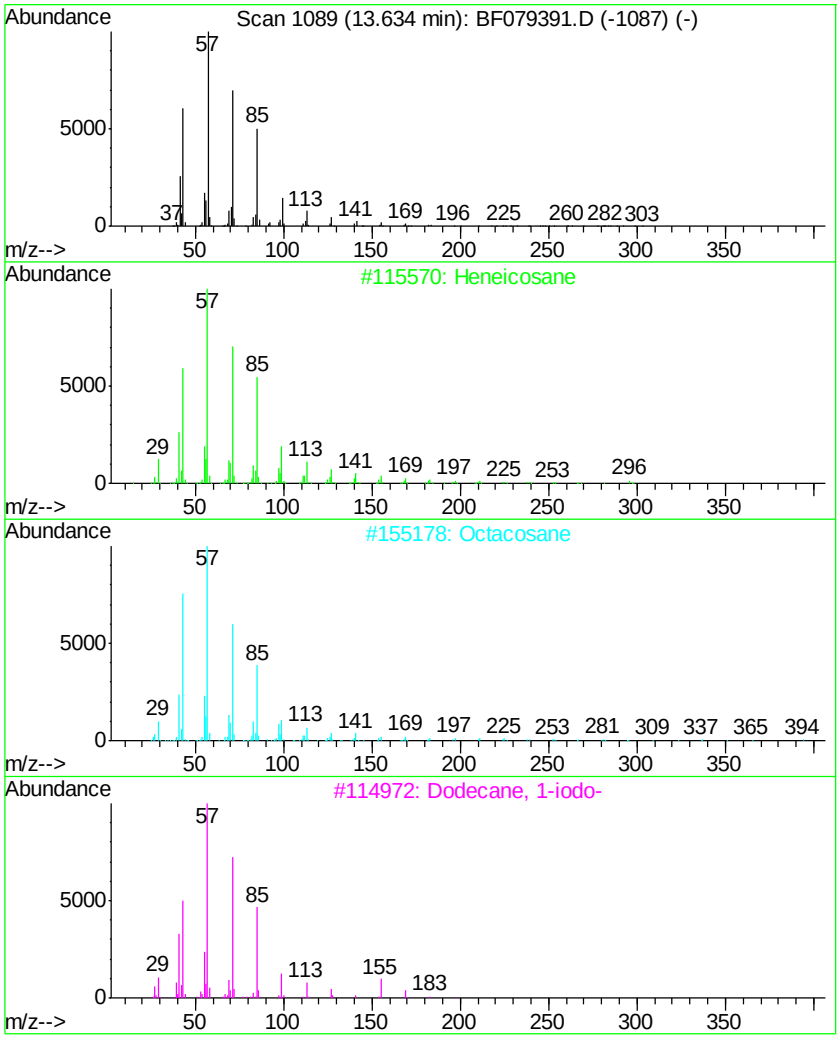
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

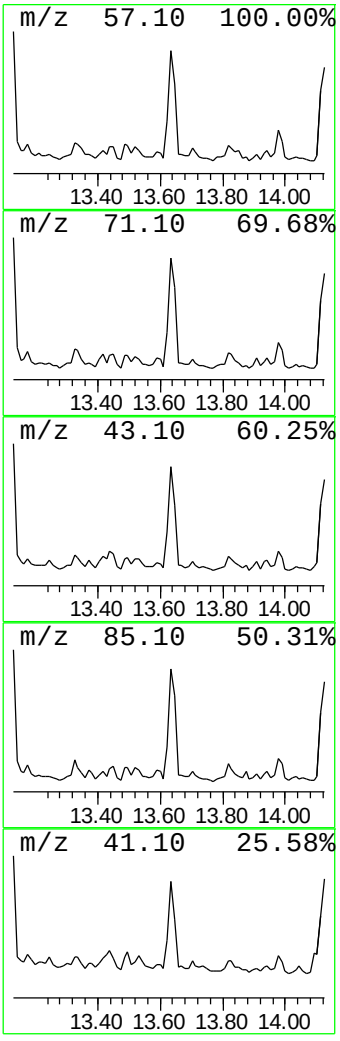
****

Peak Number 12 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	83.32 ng	5151630	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

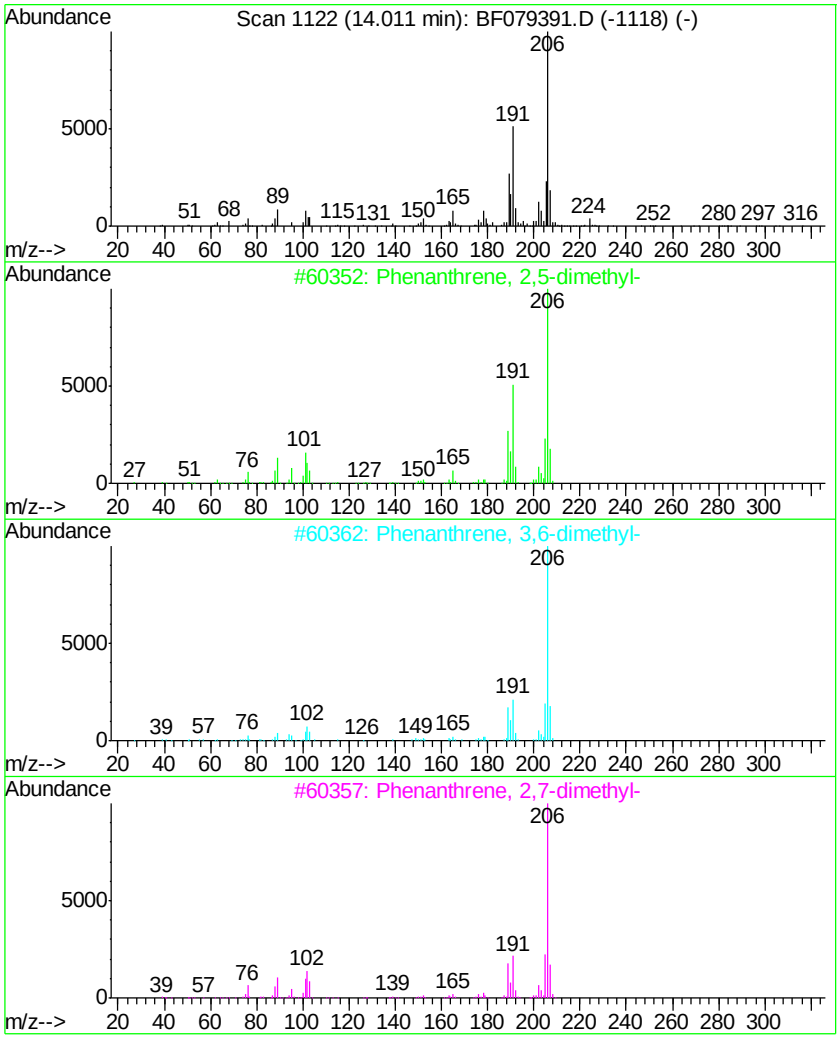
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

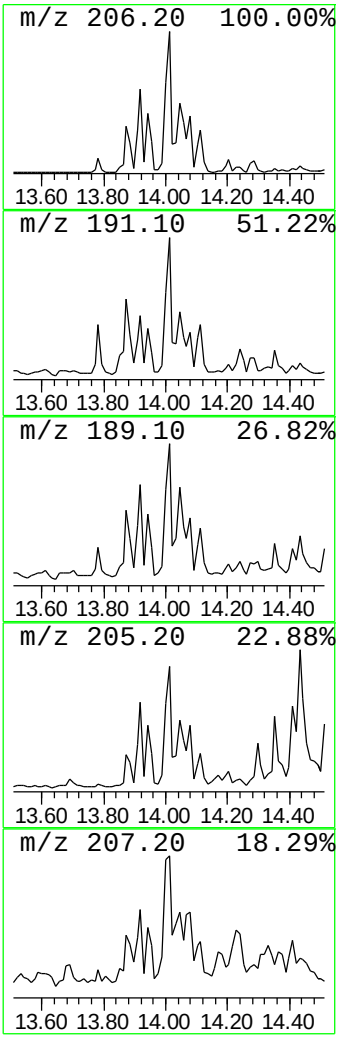
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	48.44 ng	2995280	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

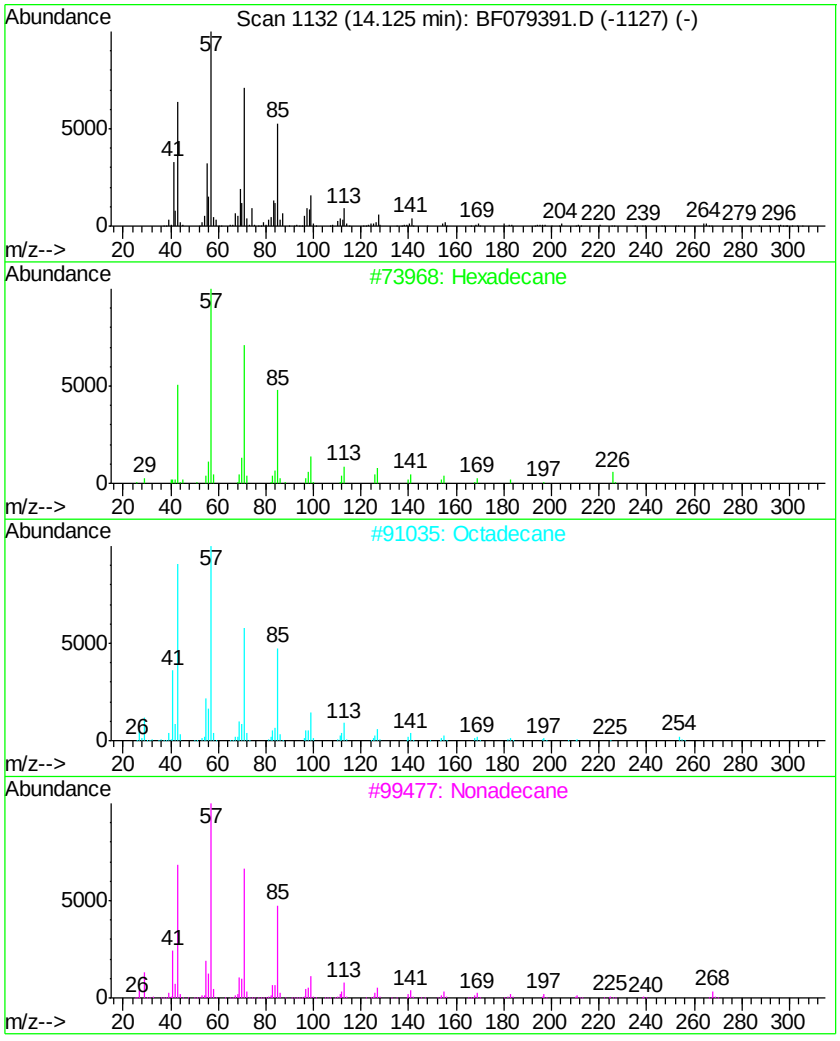
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

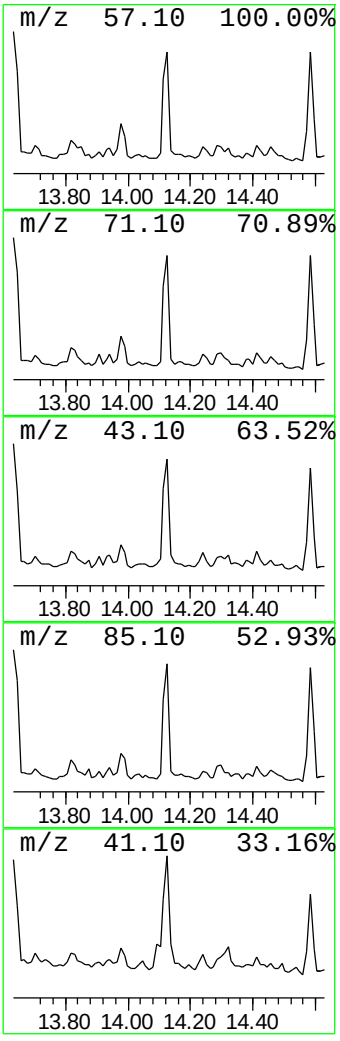
****

Peak Number 14 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	121.85 ng	7533740	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

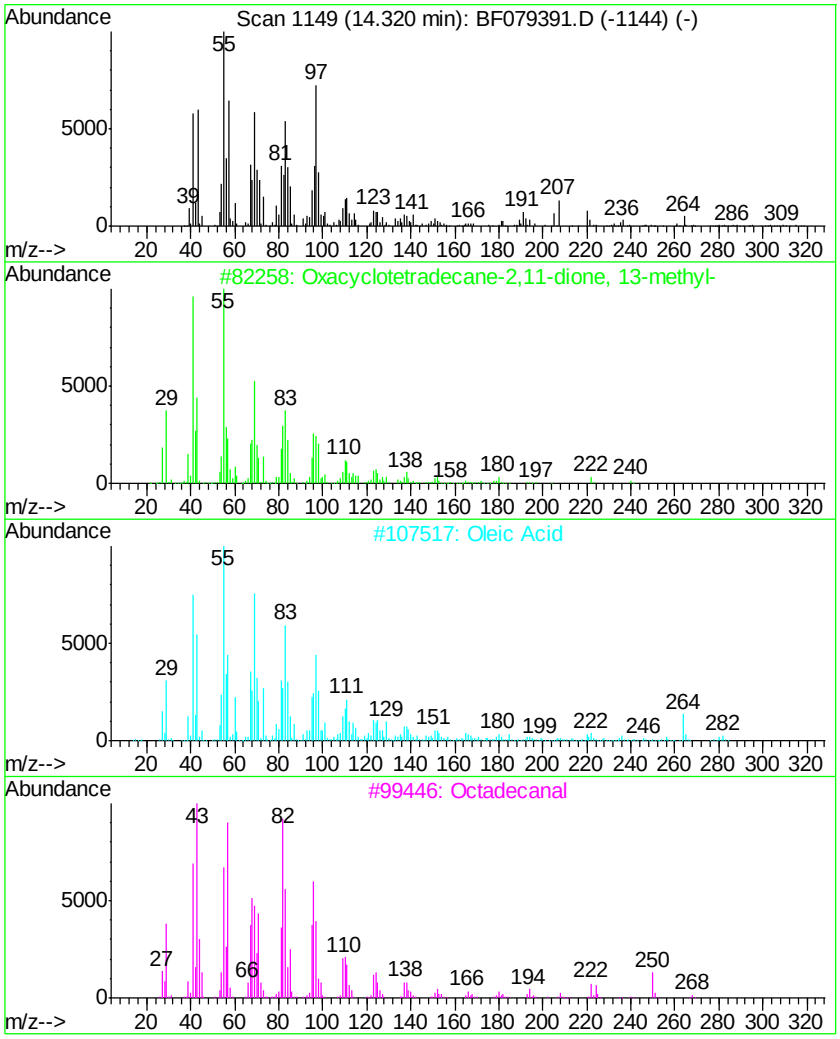
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

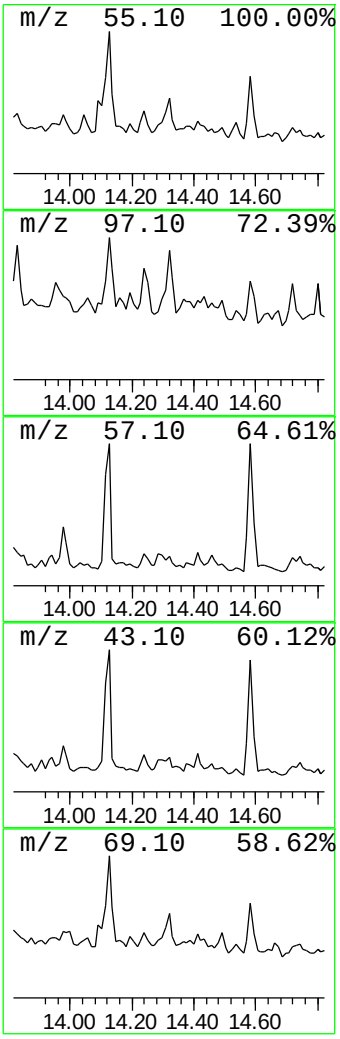
****

Peak Number 15 Oxacyclotetradecane-2,11-di... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	36.71 ng	2269580	Phenanthrene-d10	12.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	58
2	Oleic Acid	282	C18H34O2	000112-80-1	55
3	Octadecanal	268	C18H36O	000638-66-4	51
4	9-Tetradecenal, (Z)-	210	C14H26O	053939-27-8	49
5	Chloromethyl 8-chlorododecanoate	282	C13H24Cl2O2	080419-04-1	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

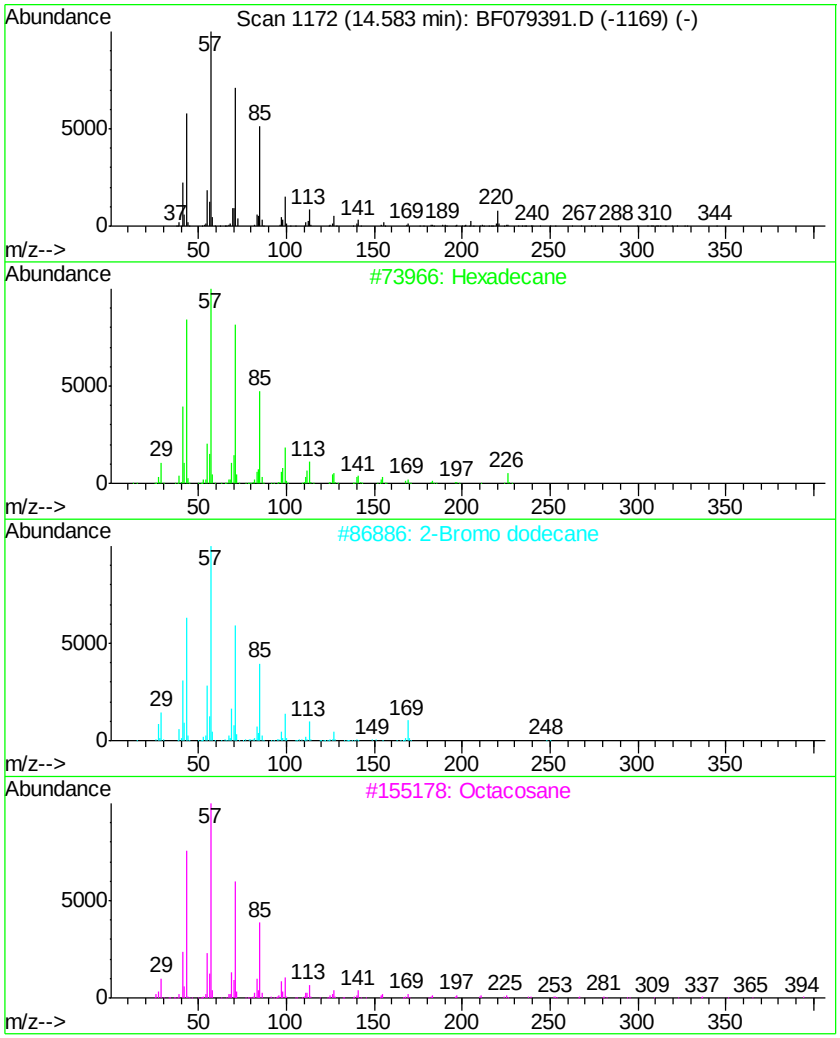
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

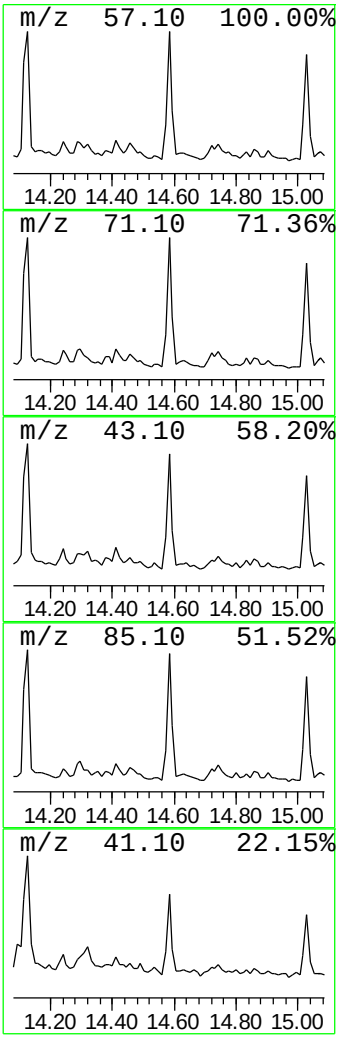
****

Peak Number 16 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	69.37 ng	4948400	Chrysene-d12	15.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Octacosane	394	C28H58	000630-02-4	86
4	Heptacosane	380	C27H56	000593-49-7	72
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

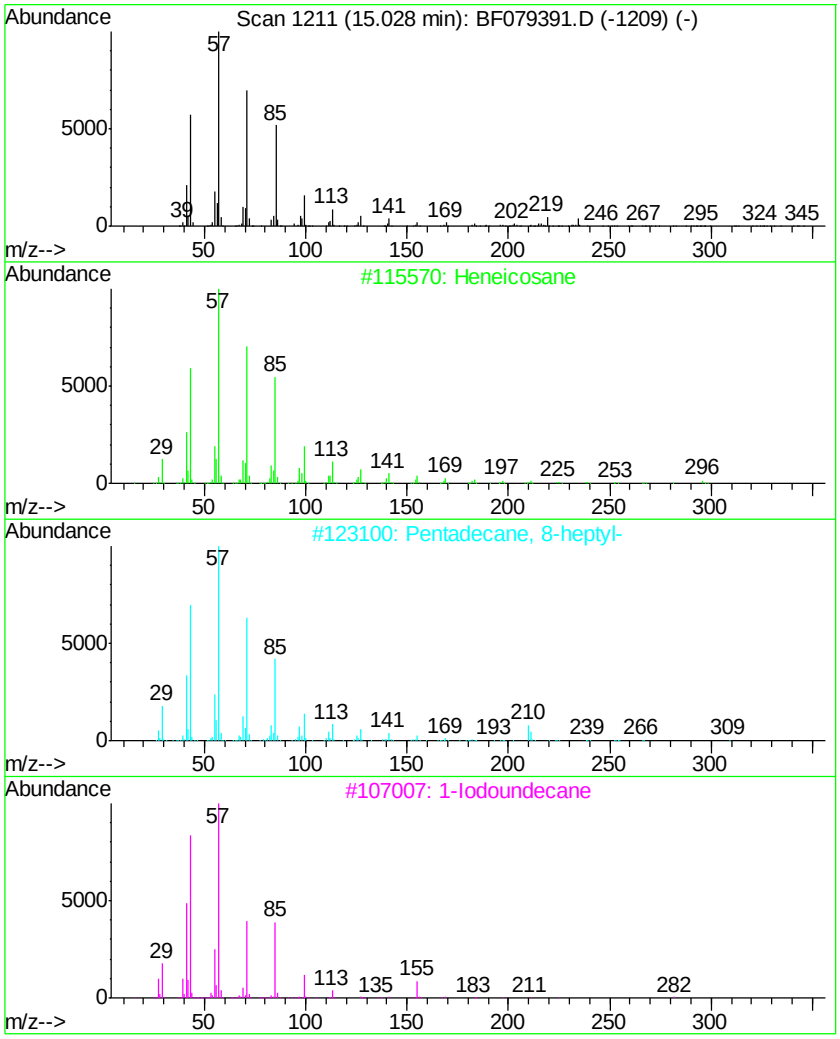
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

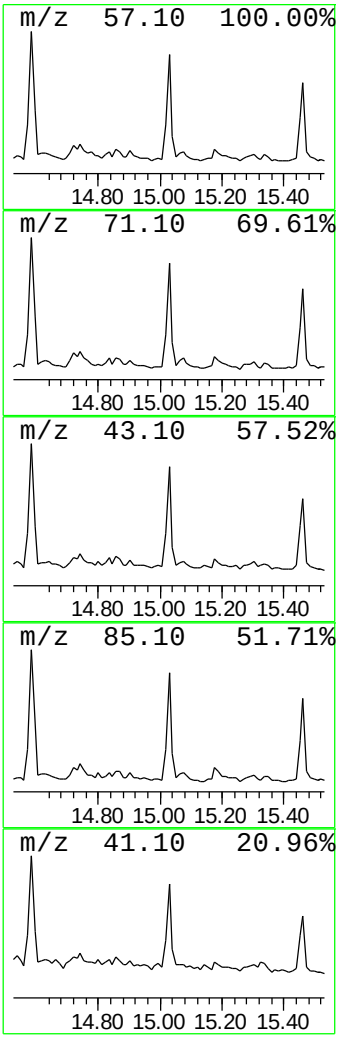
****

Peak Number 17 Pentadecane, 8-heptyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	61.16 ng	4362660	Chrysene-d12	15.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3	1-Iodoundecane	282	C11H23I	004282-44-4	81
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Heptacosane	380	C27H56	000593-49-7	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

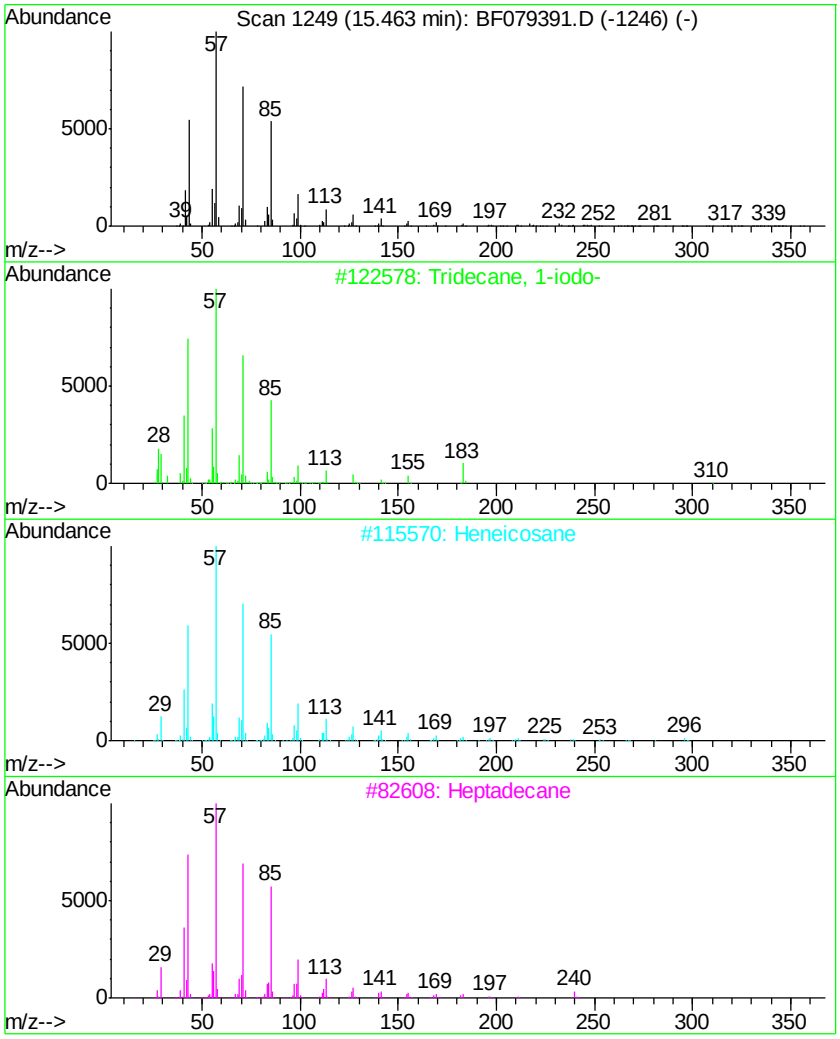
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

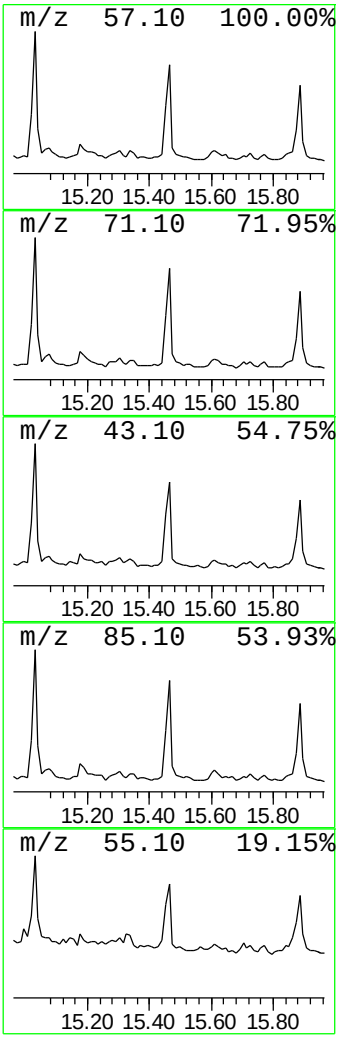
****

Peak Number 18 Eicosane, 10-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	37.26 ng	2657520	Chrysene-d12	15.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Octacosane	394	C28H58	000630-02-4	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

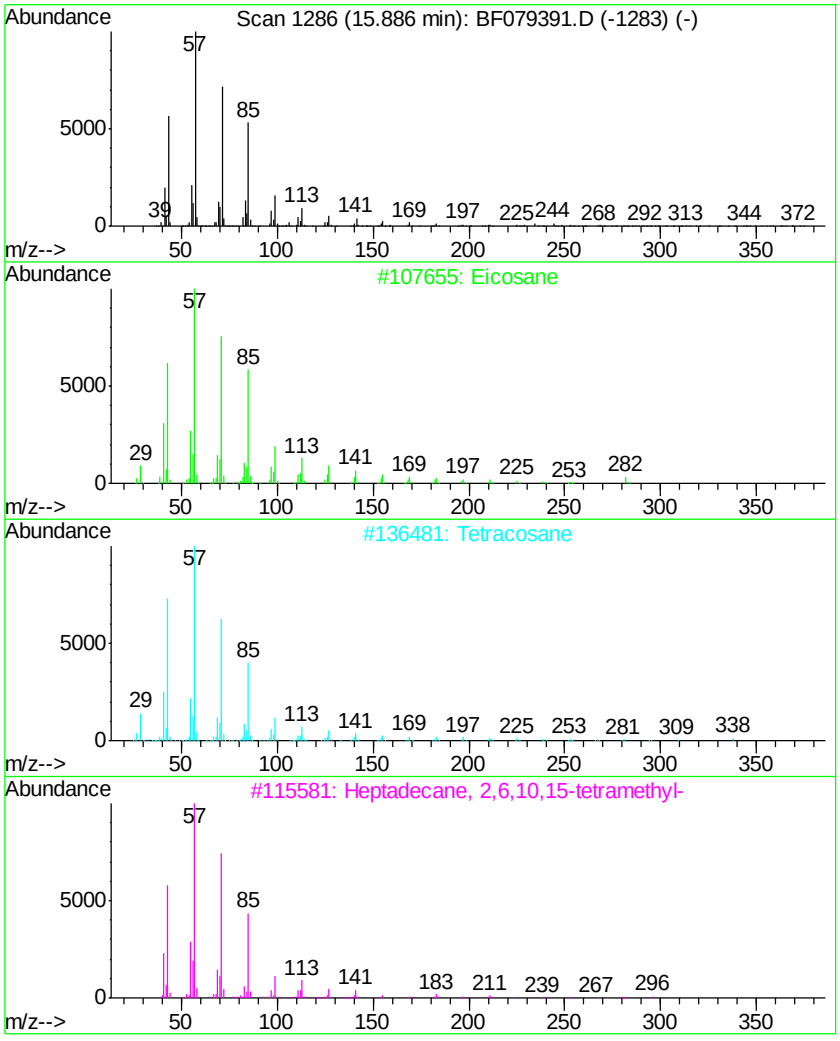
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

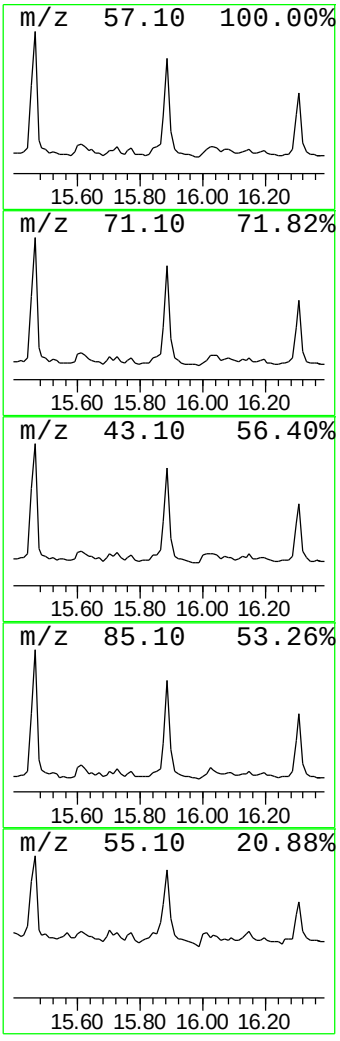
****

Peak Number 19 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	35.18 ng	2509160	Chrysene-d12	15.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	1-Iodoundecane	282	C11H23I	004282-44-4	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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

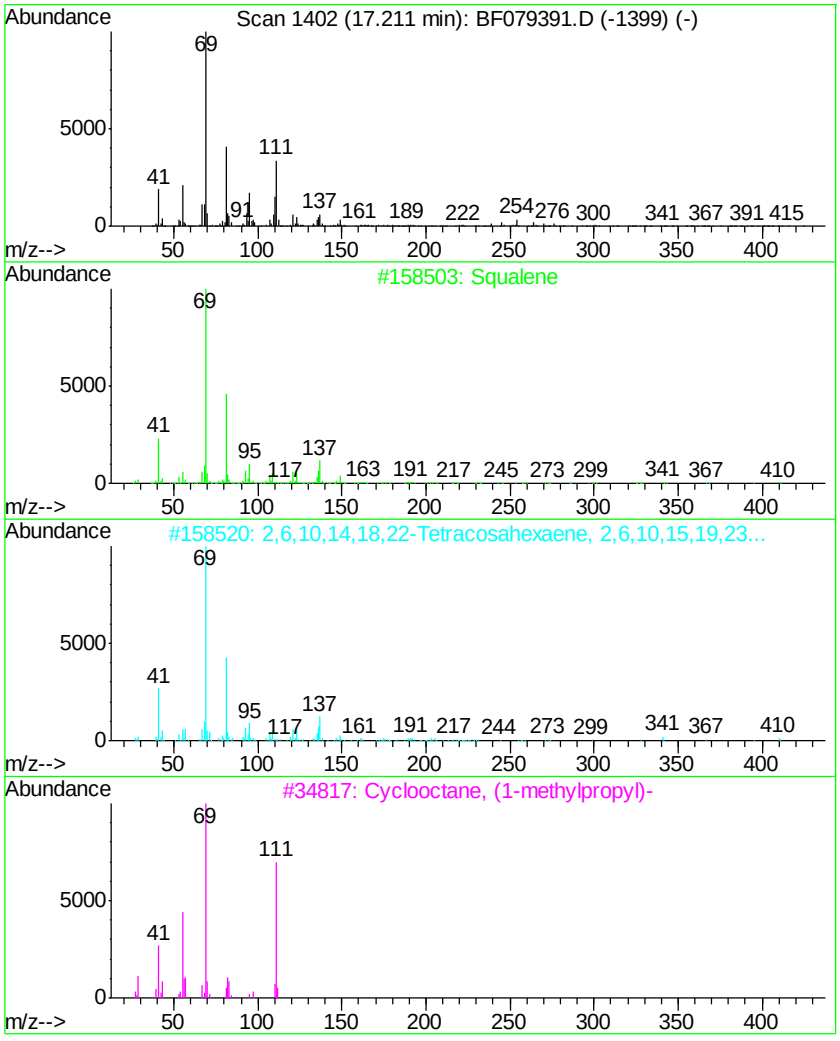
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

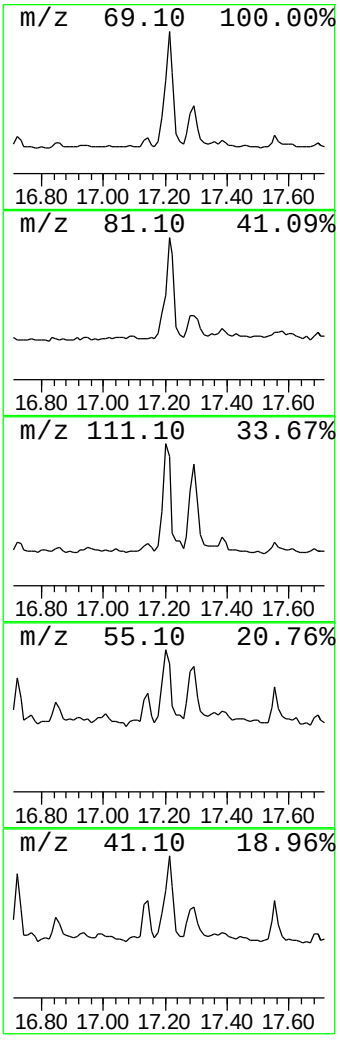
****

Peak Number 20 Squalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	43.03 ng	2263570	Perylene-d12	17.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	93
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	59
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	56
5	4-Allyl-1,6-heptadiene-4-ol	152	C10H16O	010202-75-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
Data File : BF079391.D
Acq On : 20 May 2015 21:23
Operator : TP/IZ
Sample : G2303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7DEPTH

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
unknown1.23	1.23	71.0	ng	4602450	1	7.10	1296240	20.0
Undecane	7.86	36.5	ng	2364930	1	7.10	1296240	20.0
Pentadecane	12.05	174.4	ng	10784700	4	12.69	1236570	20.0
Hexadecane	12.27	59.6	ng	3682540	4	12.69	1236570	20.0
Tridecane, 1-iodo-	12.59	103.7	ng	6409220	4	12.69	1236570	20.0
Heptadecane, 2,6,...	12.63	63.4	ng	3922650	4	12.69	1236570	20.0
unknown13.13	13.13	86.0	ng	5314120	4	12.69	1236570	20.0
Anthracene, 1-met...	13.33	46.2	ng	2854270	4	12.69	1236570	20.0
Phenanthrene, 1-m...	13.35	38.3	ng	2366620	4	12.69	1236570	20.0
1H-Cyclopropa[l]p...	13.45	40.3	ng	2490890	4	12.69	1236570	20.0
Heneicosane	13.63	83.3	ng	5151630	4	12.69	1236570	20.0
Phenanthrene, 2,5...	14.01	48.4	ng	2995280	4	12.69	1236570	20.0
Octadecane	14.13	121.8	ng	7533740	4	12.69	1236570	20.0
Oxacyclotetradeca...	14.32	36.7	ng	2269580	4	12.69	1236570	20.0
2-Bromo dodecane	14.58	69.4	ng	4948400	5	15.99	1426650	20.0
Pentadecane, 8-he...	15.03	61.2	ng	4362660	5	15.99	1426650	20.0
Eicosane, 10-methyl-	15.46	37.3	ng	2657520	5	15.99	1426650	20.0
Eicosane	15.89	35.2	ng	2509160	5	15.99	1426650	20.0
Squalene	17.21	43.0	ng	2263570	6	17.82	1052050	20.0