LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.387	242	245	254	rVB	398205	708184	31.41%	1.336%
2	4.902	288	290	299	rBV	1217741	1254834	55.66%	2.367%
3	6.033	386	389	391	rBV	1302144	1418574	62.92%	2.675%
4	6.124	395	397	399	rVV	1402221	1239554	54.98%	2.338%
5	6.353	415	417	420	rBV	350664	335766	14.89%	0.633%
6	6.513	429	431	433	rBV	1154293	1005510	44.60%	1.896%
7	6.936	465	468	470	rBV	907523	879419	39.00%	1.659%
8	7.667	528	532	534	rVV2	644167	1014487	45.00%	1.913%
9	8.056	564	566	568	rVV2	104603	169339	7.51%	0.319%
10	8.102	568	570	573	rVV2	341178	452980	20.09%	0.854%
11	8.205	576	579	581	rVV4	53912	148419	6.58%	0.280%
12	8.273	583	585	587	rVV	653677	674354	29.91%	1.272%
13	8.308	587	588	590	rVV2	102182	171830	7.62%	0.324%
14	8.365	590	593	595	rVV	492029	627065	27.81%	1.183%
15	8.456	595	601	603	rVV	466566	716291	31.77%	1.351%
16	8.570	607	611	612	rVV3	184477	391555	17.37%	0.738%
17	8.605	612	614	615	rVV2	130655	194042	8.61%	0.366%
18	8.639	615	617	618	rVV	180110	236702	10.50%	0.446%
19	8.696	618	622	623	rVV	278337	548863	24.34%	1.035%
20	8.730	623	625	627	rVV	1480749	1375857	61.02%	2.595%
21	8.799	628	631	632	rVV2	112958	230930	10.24%	0.436%
22	8.833	632	634	636	rVV2	631251	812946	36.06%	1.533%
23	8.879	636	638	639	rVV2	138694	245665	10.90%	0.463%
24	8.913	639	641	645	rVV	206826	480200	21.30%	0.906%
25	8.982	645	647	649	rVV	381782	607201	26.93%	1.145%
26	9.062	651	654	655	rVV	452449	751038	33.31%	1.416%
27	9.085	655	656	659	rVV2	480742	769062	34.11%	1.450%
28	9.153	659	662	666	rVV4	498850	1356870	60.18%	2.559%
29	9.256	668	671	672	rVV2	272296	443544	19.67%	0.837%
30	9.302	672	675	676	rVV	243197	339315	15.05%	0.640%
31	9.359	678	680	681	rVV	650754	644545	28.59%	1.216%
32	9.393	681	683	684	rVV	448266	668325	29.64%	1.260%
33	9.416	684	685	691	rVV2	353807	663235	29.42%	1.251%
34	9.496	691	692	695	rVV	203126	345696	15.33%	0.652%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.588	698	700	702	rVV	328263	585916	25.99%	1.105%
36	9.633	702	704	706	rVV2	214273	368861	16.36%	0.696%
37	9.679	706	708	709	rVV	196089	263609	11.69%	0.497%
38	9.713	709	711	716	rVV2	227403	517880	22.97%	0.977%
39	9.793	716	718	721	rVV2	208414	407914	18.09%	0.769%
40	9.851	721	723	725	rVV	376460	566879	25.14%	1.069%
41	9.885	725	726	728	rVV2	116364	189588	8.41%	0.358%
42	9.931	728	730	731	rVV	395259	384221	17.04%	0.725%
43	9.965	731	733	734	rVV	117911	174973	7.76%	0.330%
44	9.999	734	736	739	rVV2	97955	270630	12.00%	0.510%
45	10.068	739	742	746	rVV2	251453	625690	27.75%	1.180%
46	10.171	748	751	753	rVV	820965	941189	41.74%	1.775%
47	10.331	761	765	768	rVV	478544	1007692	44.69%	1.900%
48	10.468	774	777	779	rVV3	83315	190040	8.43%	0.358%
49	10.502	779	780	783	rVV2	106475	199243	8.84%	0.376%
50	10.605	788	789	792	rVV3	115762	195081	8.65%	0.368%
51	10.662	792	794	797	rVV2	123181	195042	8.65%	0.368%
52	10.765	800	803	805	rVV2	333011	490526	21.76%	0.925%
53	10.799	805	806	808	rVB	183054	142438	6.32%	0.269%
54	10.856	808	811	812	rBV	344313	486059	21.56%	0.917%
55	10.891	812	814	815	rVV	1368103	1877673	83.28%	3.541%
56	10.925	815	817	819	rVV	368239	475690	21.10%	0.897%
57	11.096	828	832	833	rVV	267892	352573	15.64%	0.665%
58	11.142	833	836	838	rVV3	62137	146679	6.51%	0.277%
59	11.188	838	840	843	rVV	293461	324359	14.39%	0.612%
60	11.348	852	854	856	rBV	204201	316251	14.03%	0.596%
61	11.382	856	857	859	rVB	326289	248495	11.02%	0.469%
62	11.439	859	862	863	rBV2	284032	538733	23.89%	1.016%
63	11.462	863	864	868	rVB2	330238	407034	18.05%	0.768%
64	11.599	874	876	879	rVB	149151	177683	7.88%	0.335%
65	11.668	881	882	885	rVB	150166	177191	7.86%	0.334%
66	11.931	903	905	908	rVB4	90121	152300	6.75%	0.287%
67	11.976	908	909	912	rVB2	196989	241064	10.69%	0.455%
68	12.057	913	916	919	rVB	1634460	2238659	99.29%	4.222%
69	12.114	919	921	923	rBV2	77383	145347	6.45%	0.274%
70	12.194	926	928	932	rBV2	140376	283421	12.57%	0.535%
71	12.285	932	936	938	rVV	1717564	2254647	100.00%	4.252%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.342	938	941	943	rVB2	83145	197093	8.74%	0.372%
73	12.399	943	946	947	rBV	149551	154742	6.86%	0.292%
74	12.434	947	949	952	rBV	816412	892085	39.57%	1.682%
75	12.502	952	955	956	rBV3	100868	143729	6.37%	0.271%
76	12.605	959	964	966	rVB3	231286	439606	19.50%	0.829%
77	12.674	966	970	971	rBV2	136858	176965	7.85%	0.334%
78	12.708	971	973	975	rBV2	232791	289824	12.85%	0.547%
79	12.822	982	983	989	rVB3	301547	307981	13.66%	0.581%
80	13.108	1005	1008	1011	rBV	224379	236146	10.47%	0.445%
81	13.211	1015	1017	1018	rBV	209654	216439	9.60%	0.408%
82	13.245	1018	1020	1025	rVB3	153319	420461	18.65%	0.793%
83	13.314	1025	1026	1028	rVB	186659	199178	8.83%	0.376%
84	13.371	1028	1031	1035	rBV2	143633	262825	11.66%	0.496%
85	13.462	1035	1039	1041	rBV2	1010040	1885208	83.61%	3.555%
86	13.497	1041	1042	1044	rVV	1068477	843994	37.43%	1.592%
87	13.565	1045	1048	1050	rBV	171283	182336	8.09%	0.344%
88	13.668	1055	1057	1058	rVV2	89716	140898	6.25%	0.266%
89	13.702	1058	1060	1065	rVB3	95234	203816	9.04%	0.384%
90	13.851	1071	1073	1075	rVV	189522	229036	10.16%	0.432%
91	13.988	1082	1085	1089	rVB5	124737	270691	12.01%	0.511%
92	14.160	1097	1100	1102	rBV3	71819	147532	6.54%	0.278%
93	14.457	1123	1126	1130	rBV	856941	1675694	74.32%	3.160%
94	14.537	1130	1133	1134	rVV2	212131	220923	9.80%	0.417%
95	14.628	1137	1141	1144	rVV3	50618	168097	7.46%	0.317%
96	14.685	1144	1146	1148	rVV	508829	594798	26.38%	1.122%
97	14.731	1148	1150	1152	rVV	560075	784038	34.77%	1.479%
98	14.800	1152	1156	1159	rVB3	216662	446159	19.79%	0.841%
99	15.863	1245	1249	1252	rBV	264413	440226	19.53%	0.830%
100	16.183	1273	1277	1282	rVV	196905	369070	16.37%	0.696%

Sum of corrected areas: 53023057

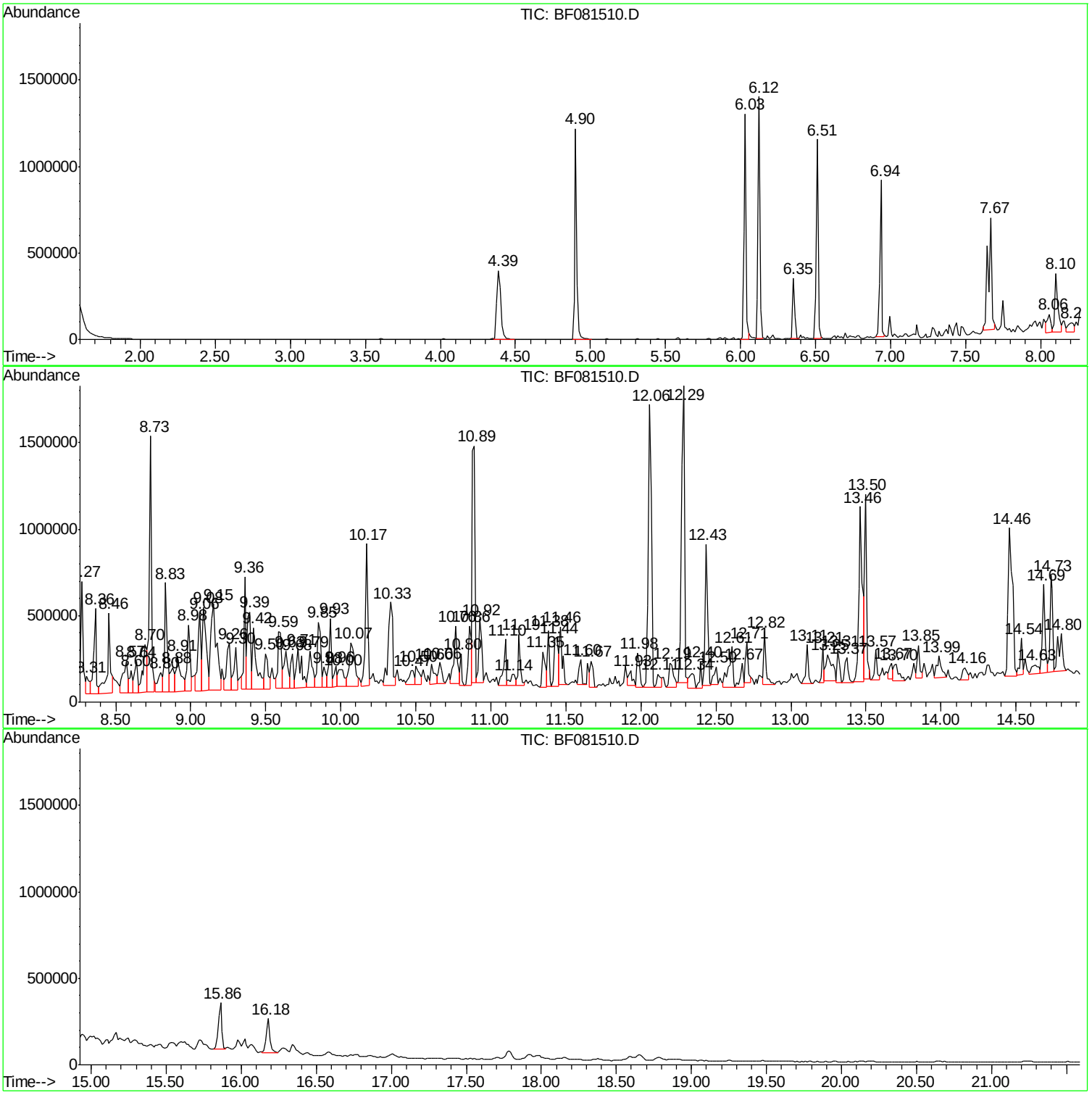
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

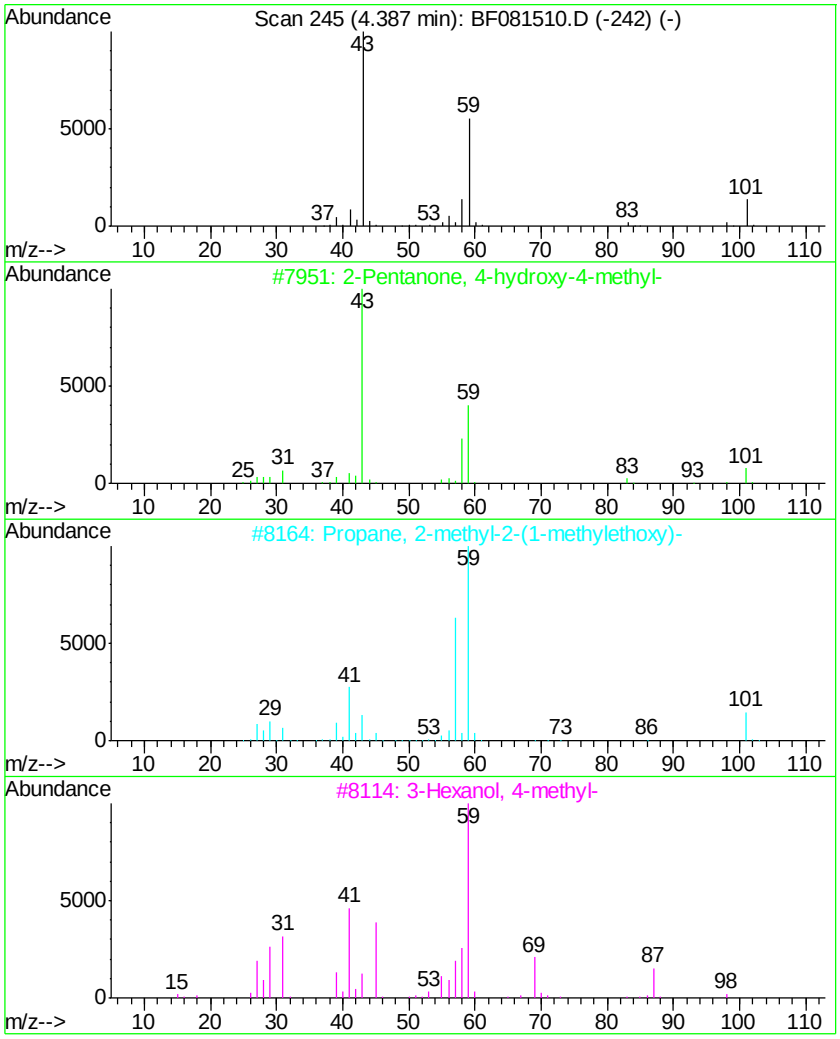
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

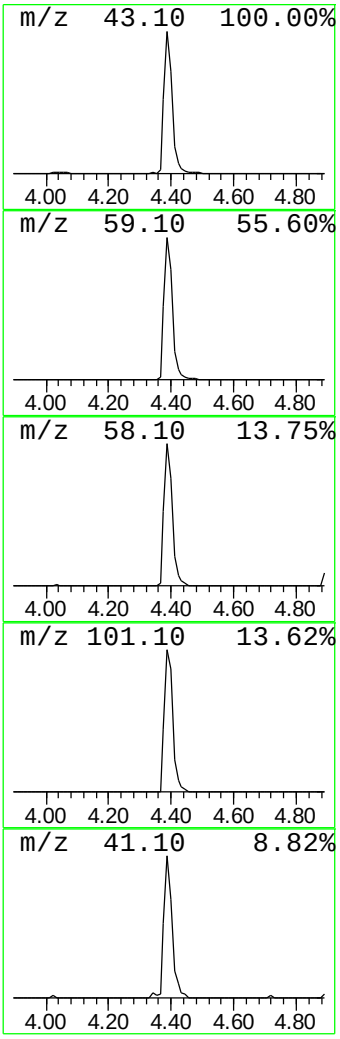
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	42.18 ng	708184	1,4-Dichlorobenzene-d4	6.35

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	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

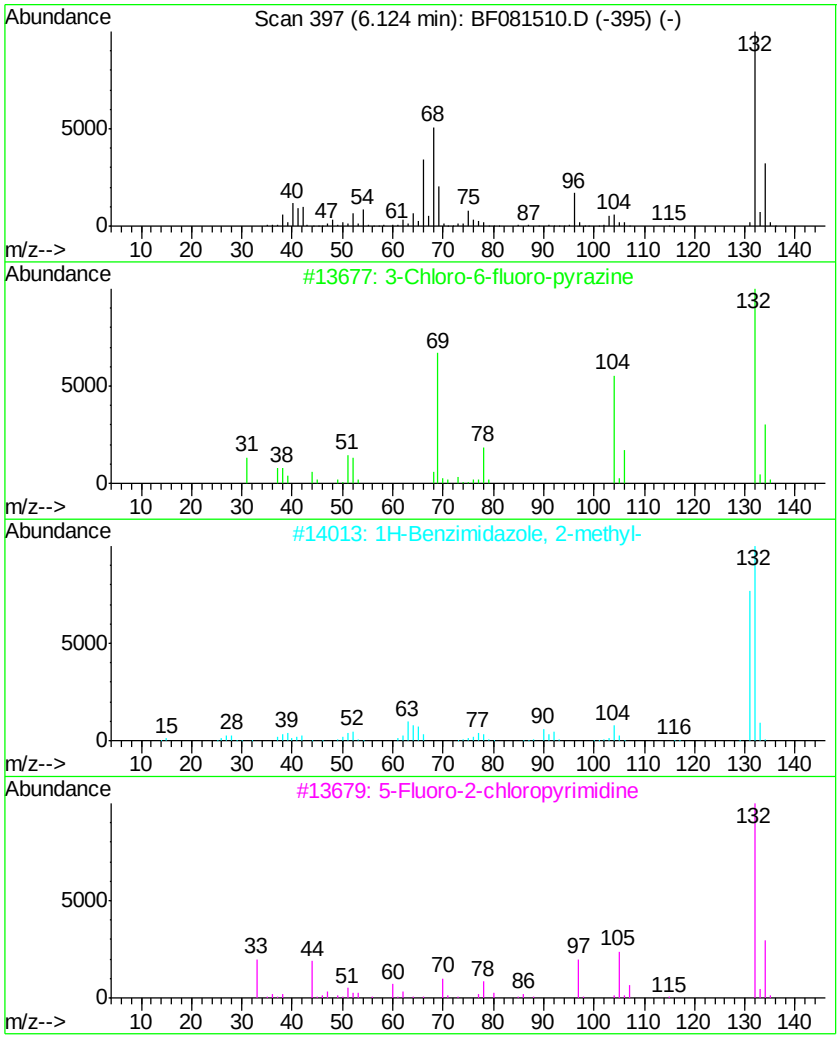
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

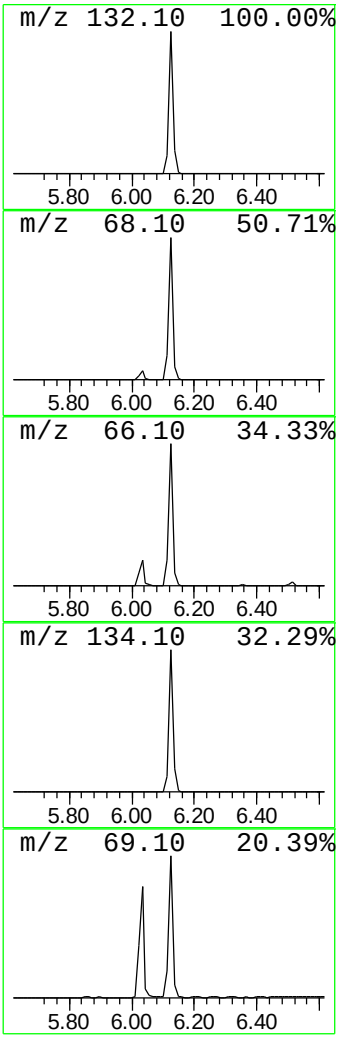
****

Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	73.83 ng	1239550	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

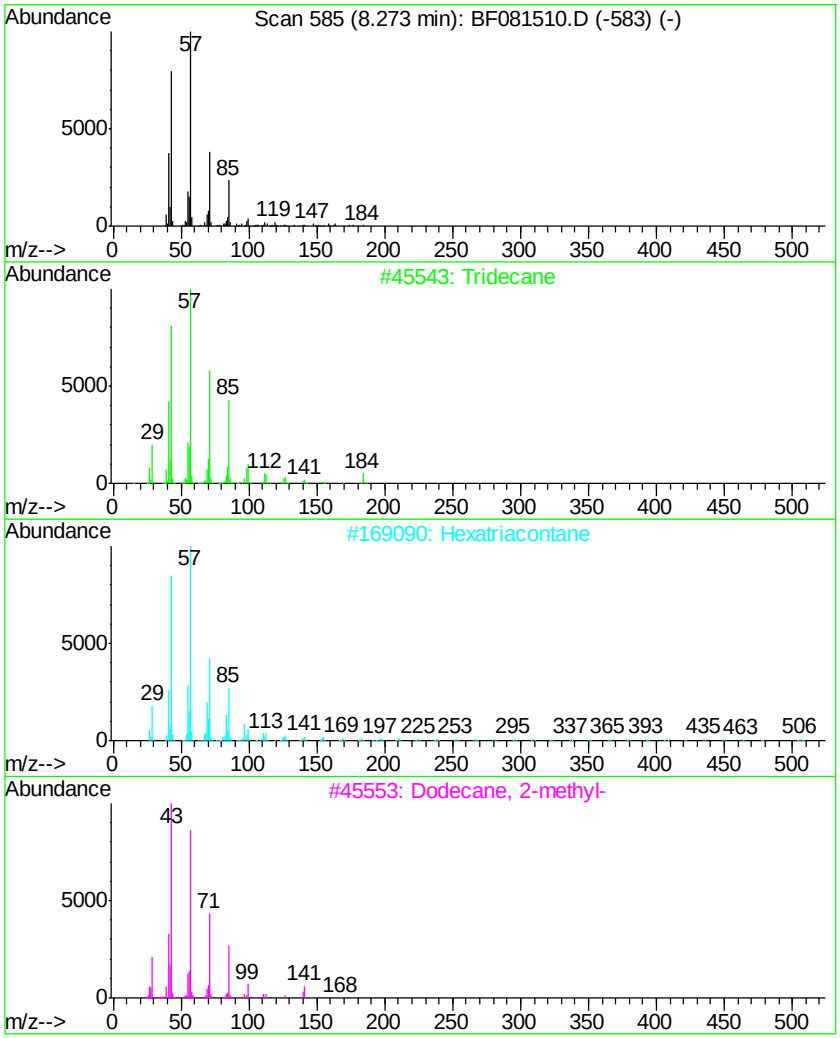
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

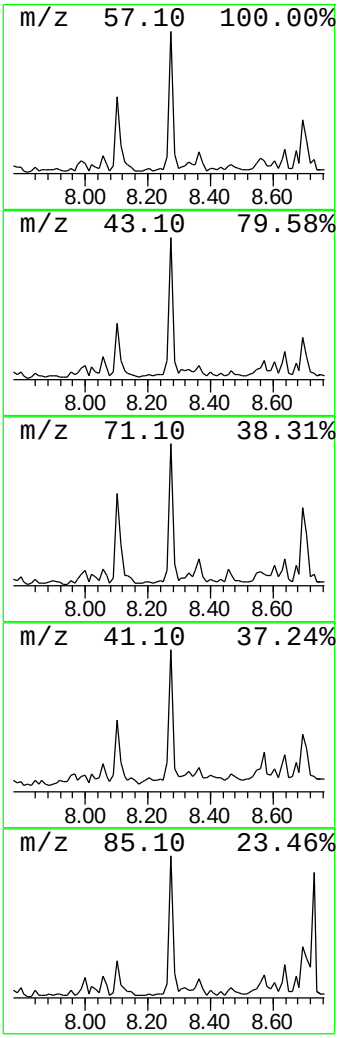
****

Peak Number 4 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	13.29 ng	674354	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexatriacontane	507	C36H74	000630-06-8	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

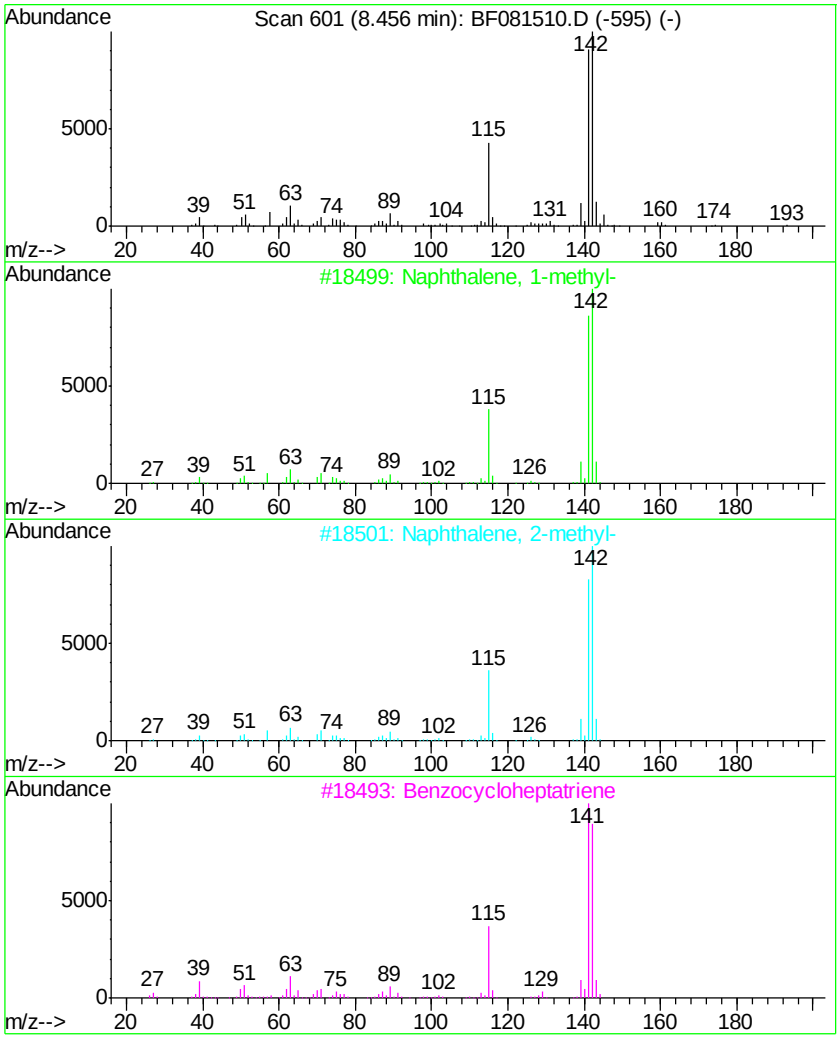
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

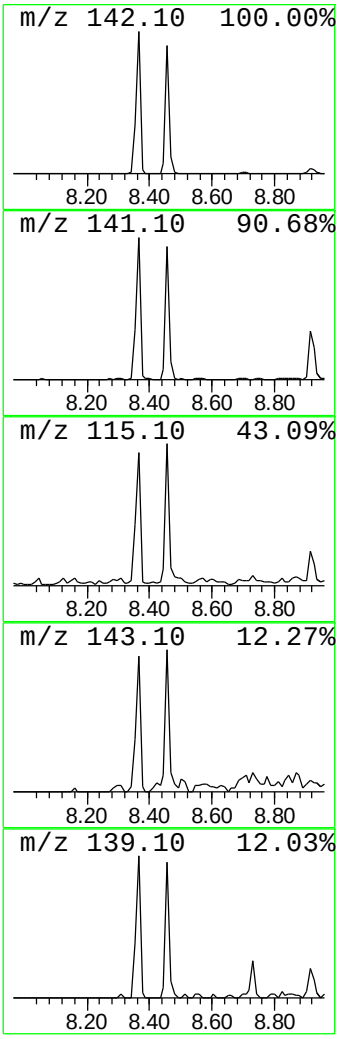
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	14.12 ng	716291	Naphthalene-d8	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

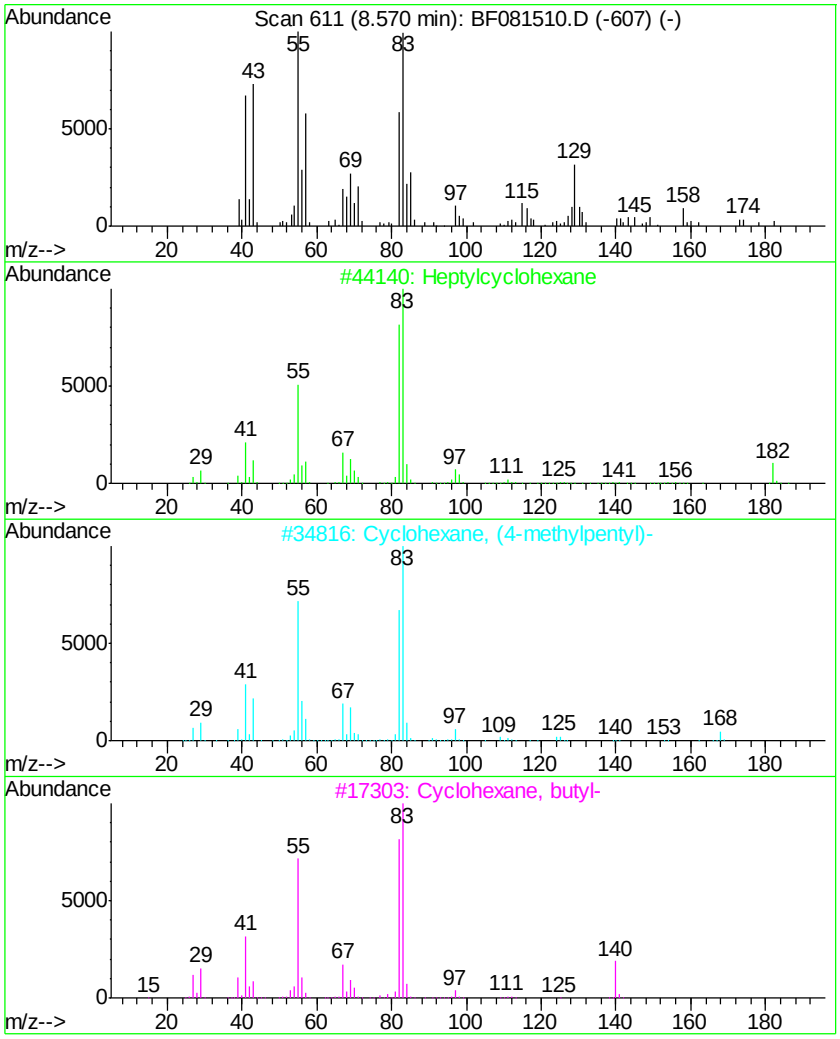
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

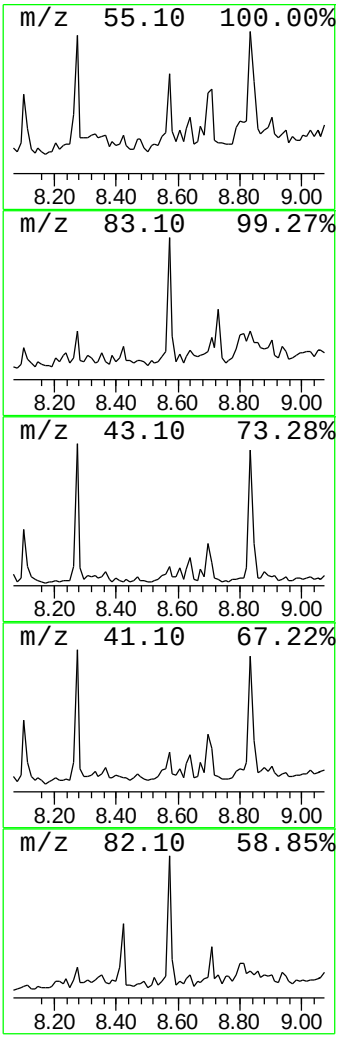
****

Peak Number 6 unknown8.57 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	11.72 ng	391555	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	46
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
4	n-Amylcyclohexane	154	C11H22	029949-27-7	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

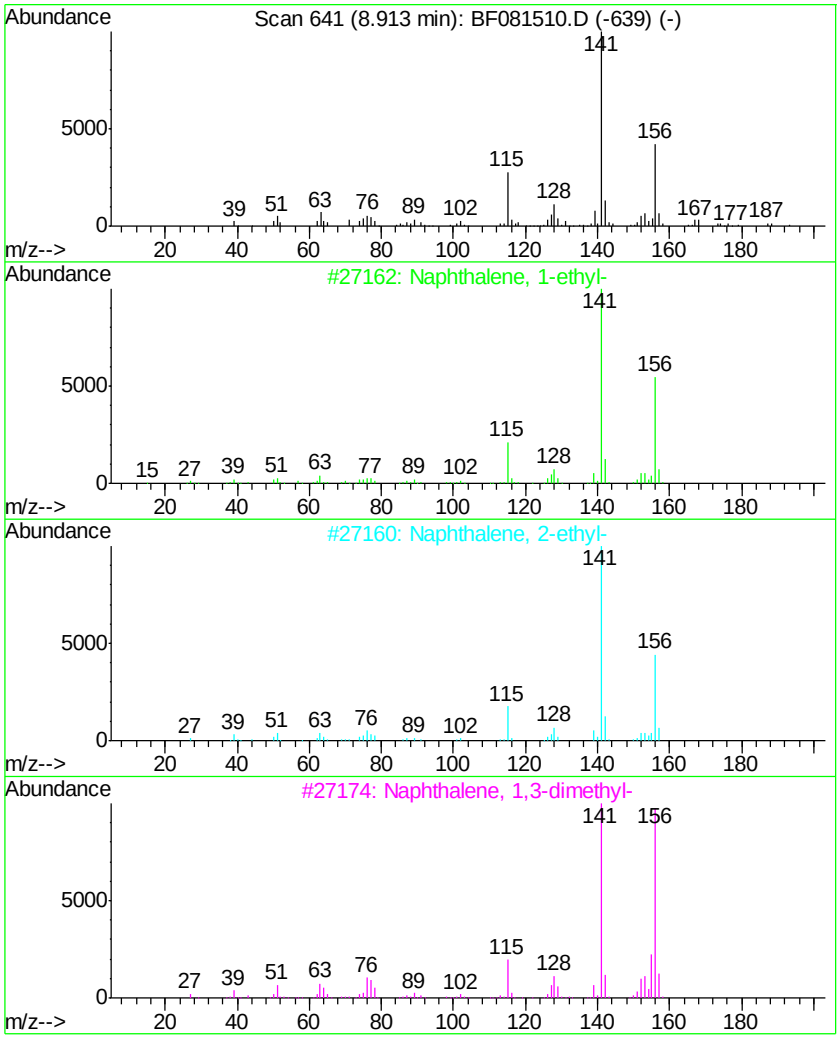
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

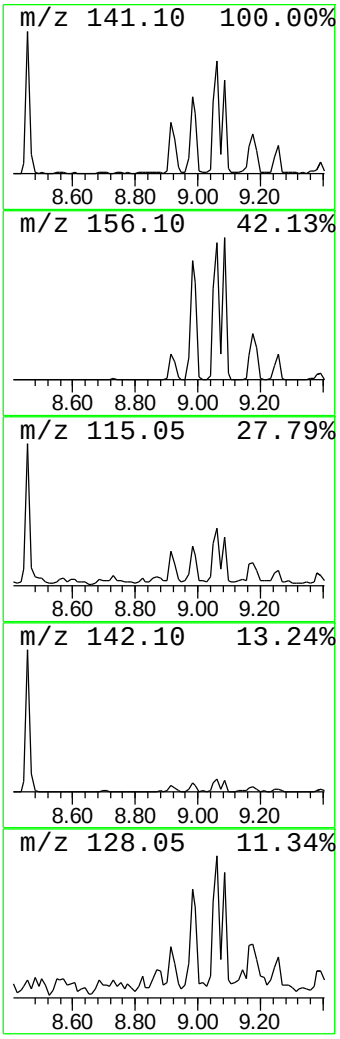
****

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	14.37 ng	480200	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	Naphthalene, 1-(chloromethyl)-	176	C11H9Cl	000086-52-2	60
5	Butethal	212	C10H16N2O3	000077-28-1	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

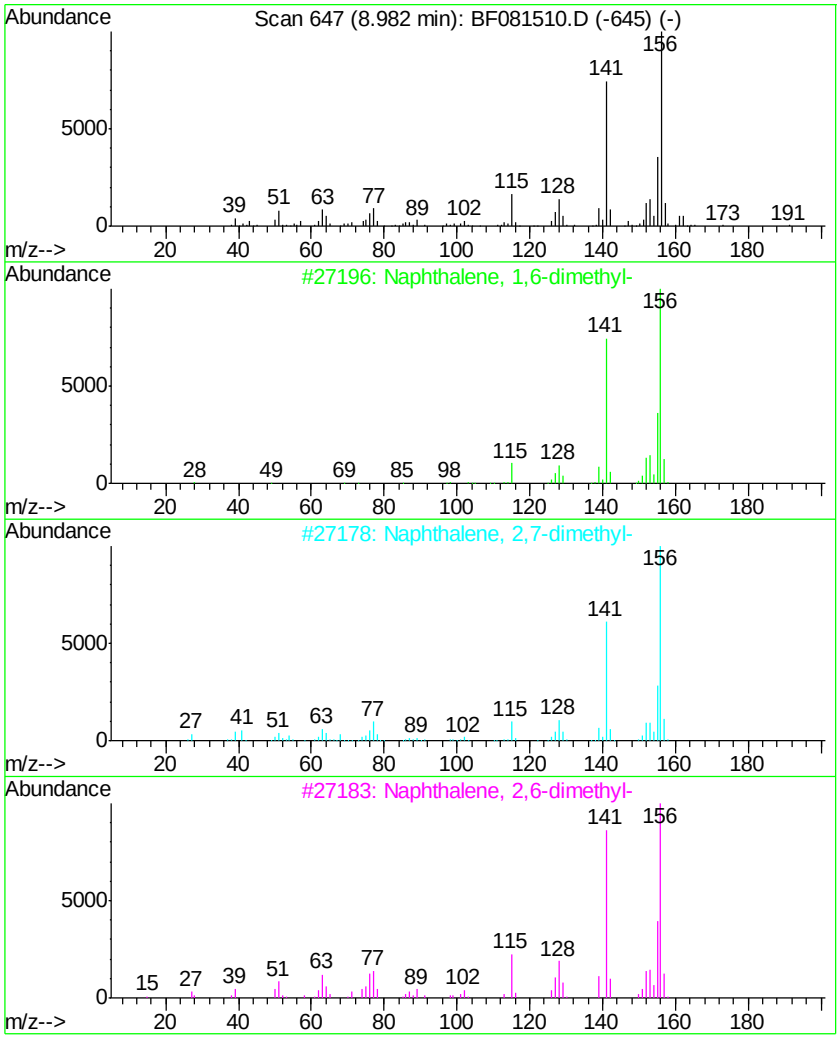
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

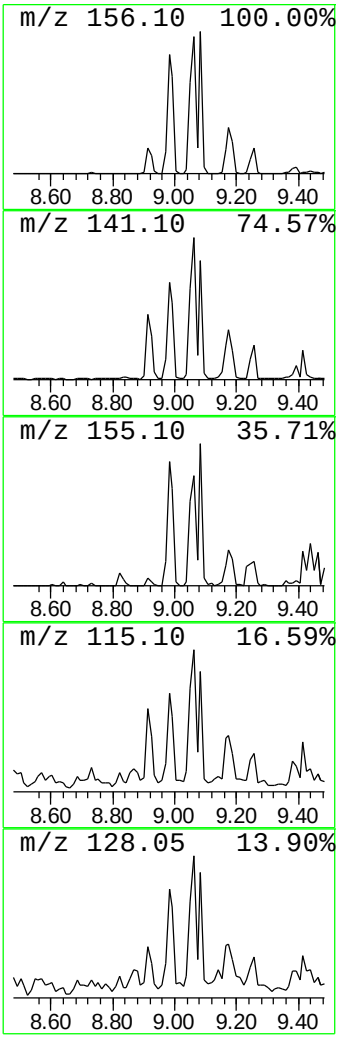
****

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	18.17 ng	607201	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

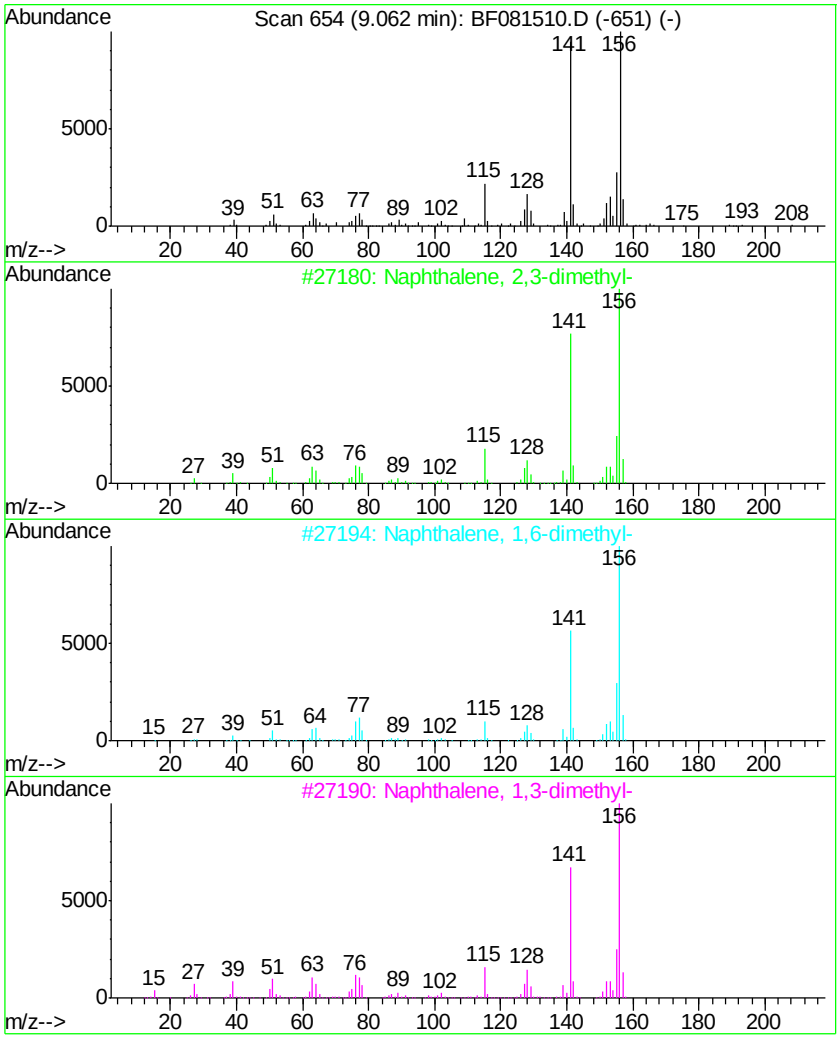
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

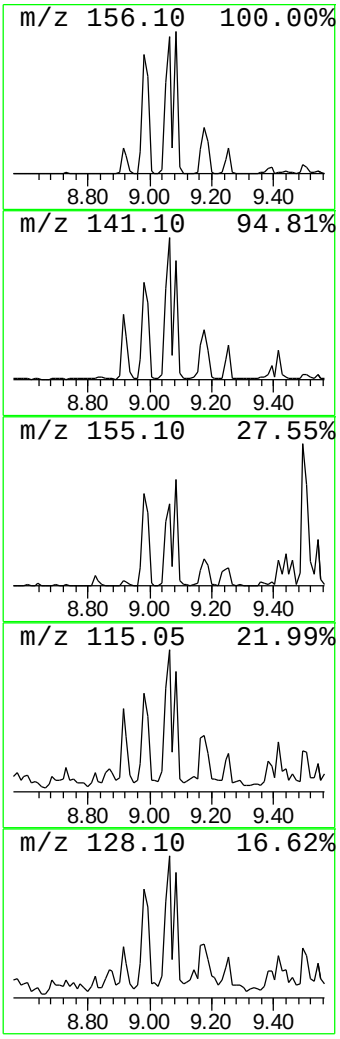
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	22.48 ng	751038	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

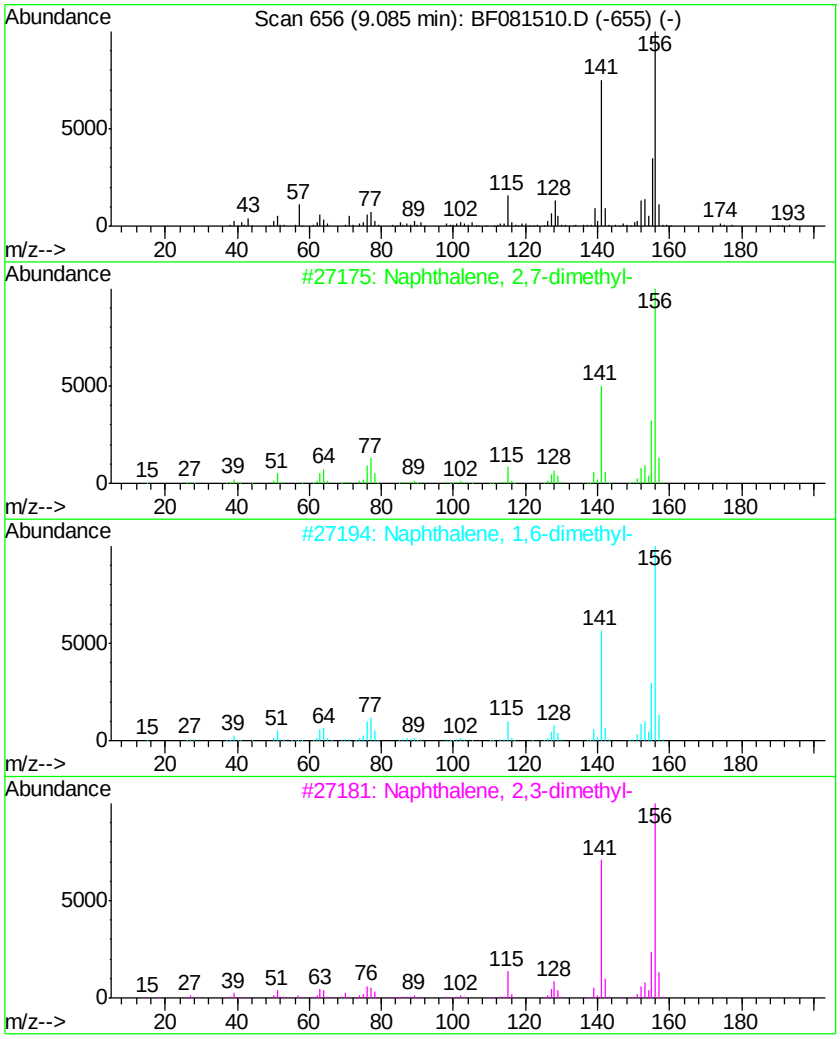
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

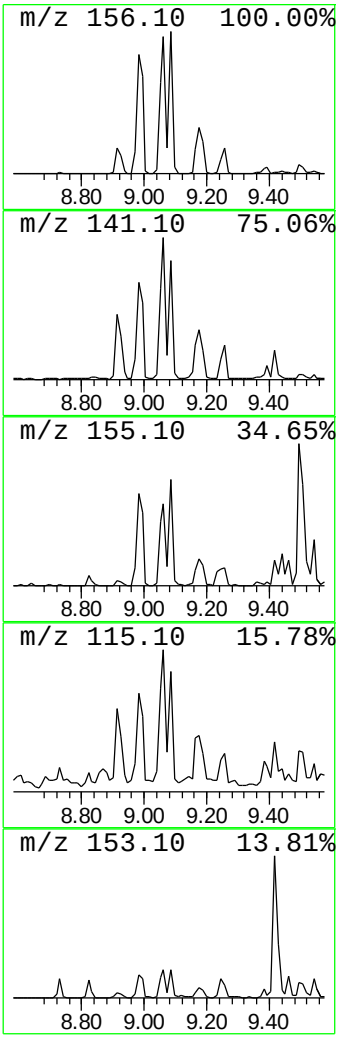
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	23.01 ng	769062	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

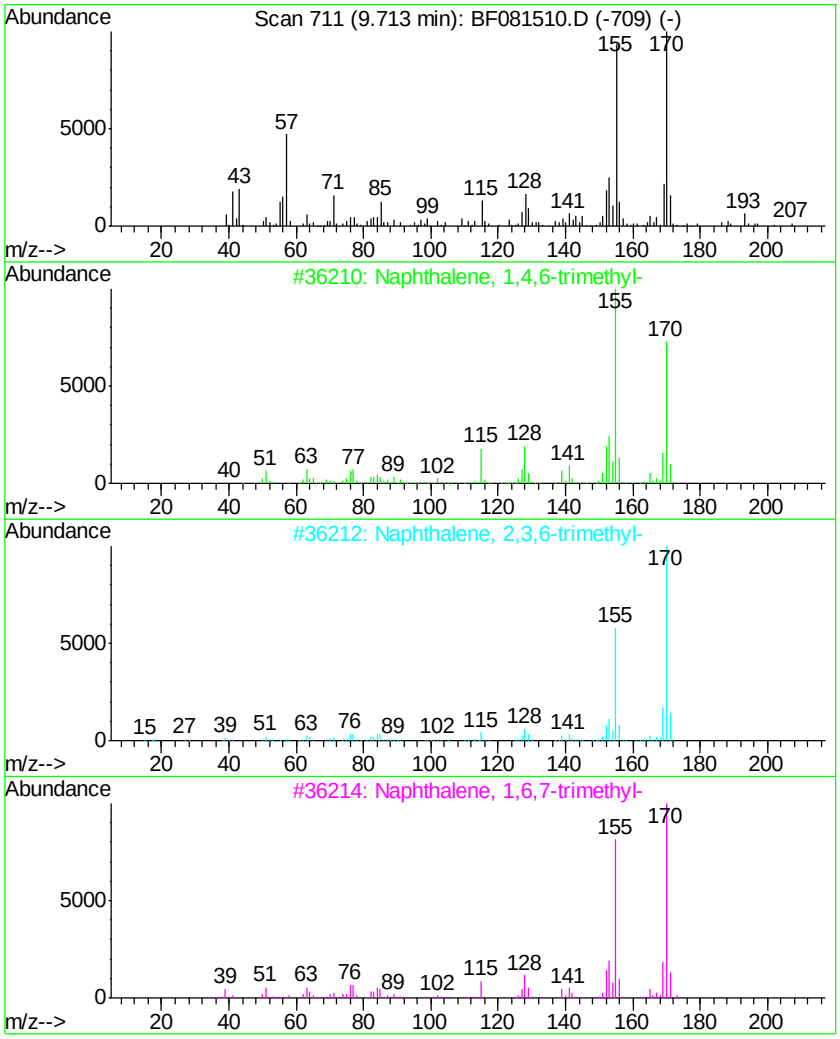
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

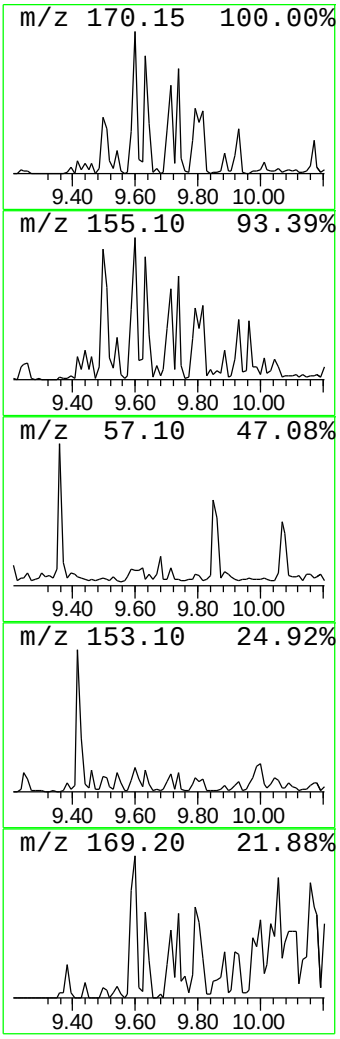
****

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	15.50 ng	517880	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

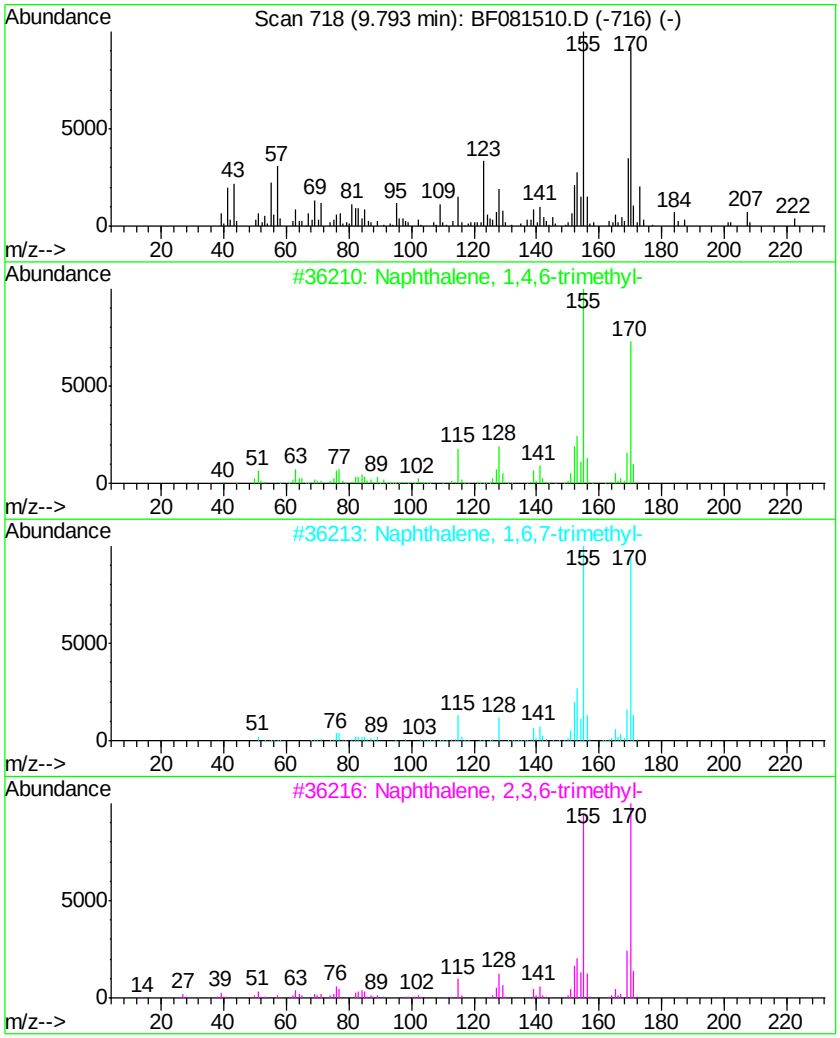
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

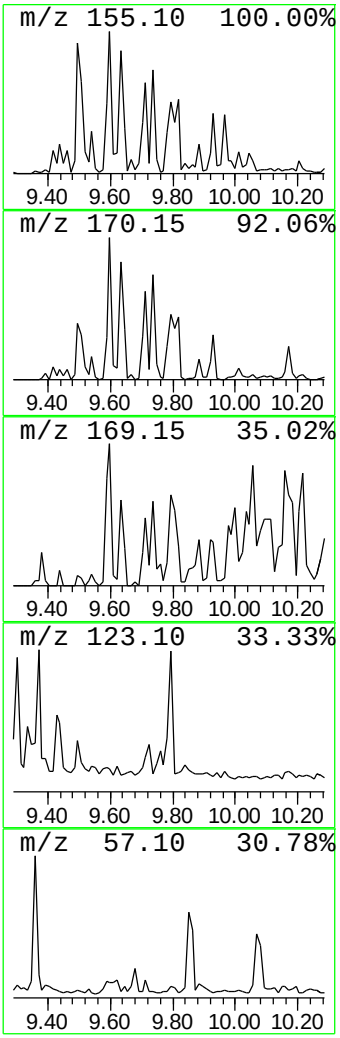
****

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	12.21 ng	407914	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

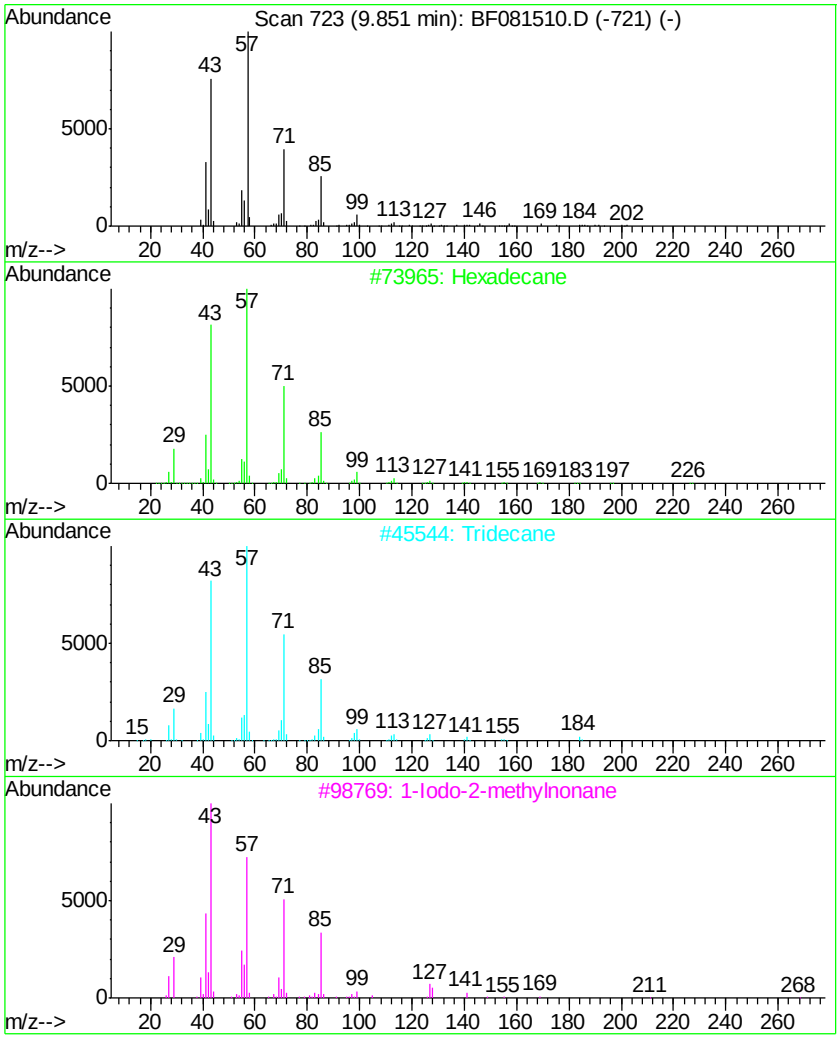
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

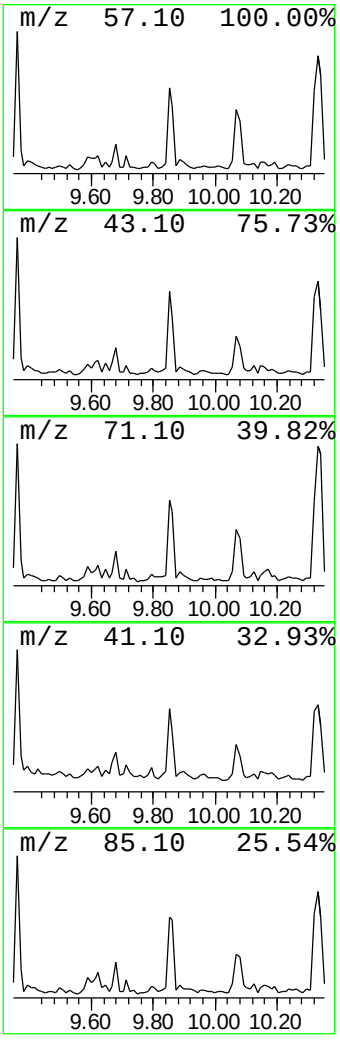
****

Peak Number 13 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	16.96 ng	566879	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	78
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

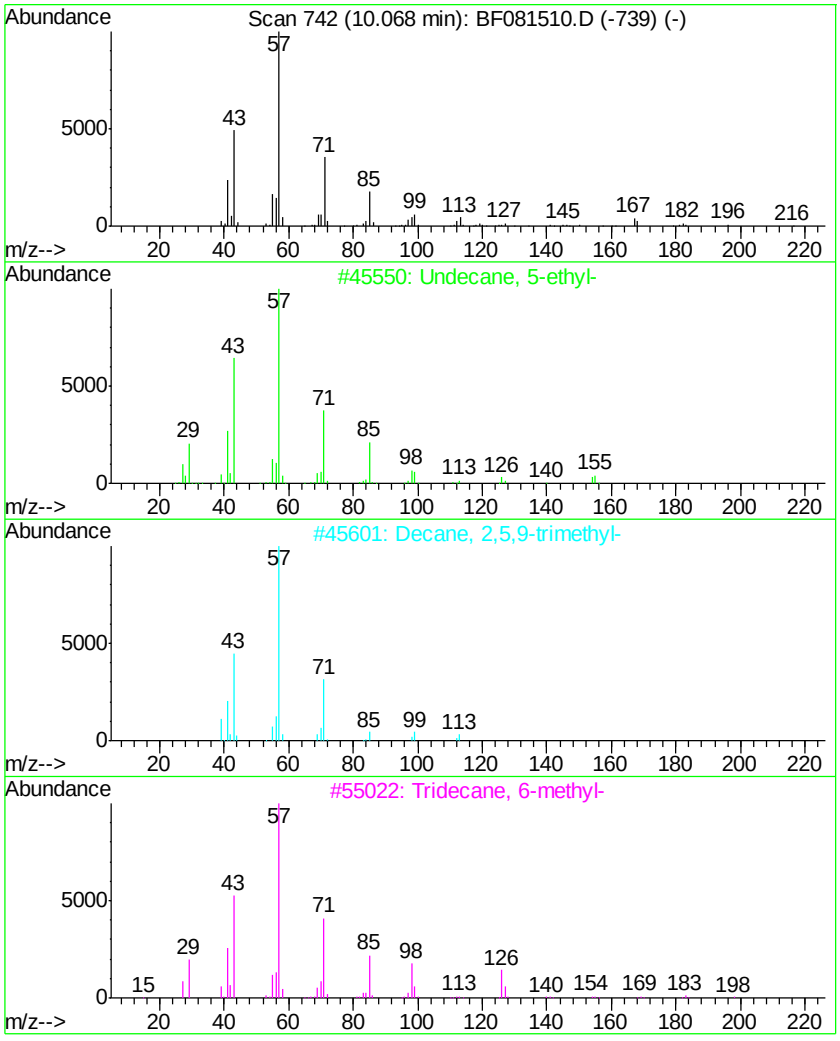
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

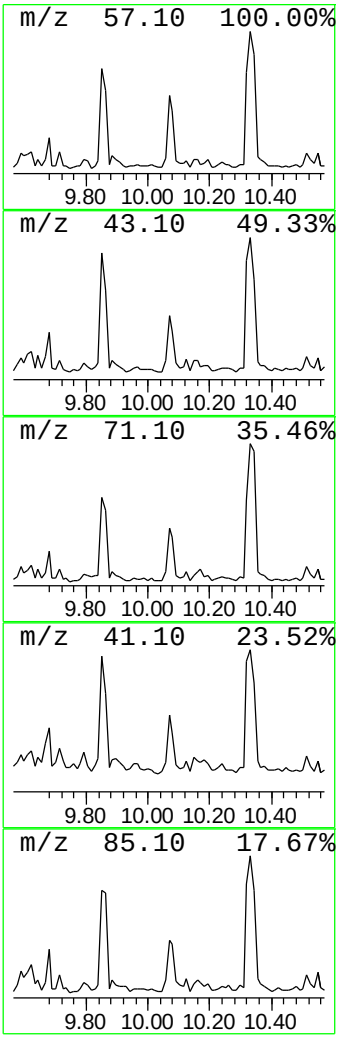
****

Peak Number 14 Undecane, 5-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	18.72 ng	625690	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4	Hexadecane	226	C16H34	000544-76-3	58
5	Eicosane	282	C20H42	000112-95-8	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

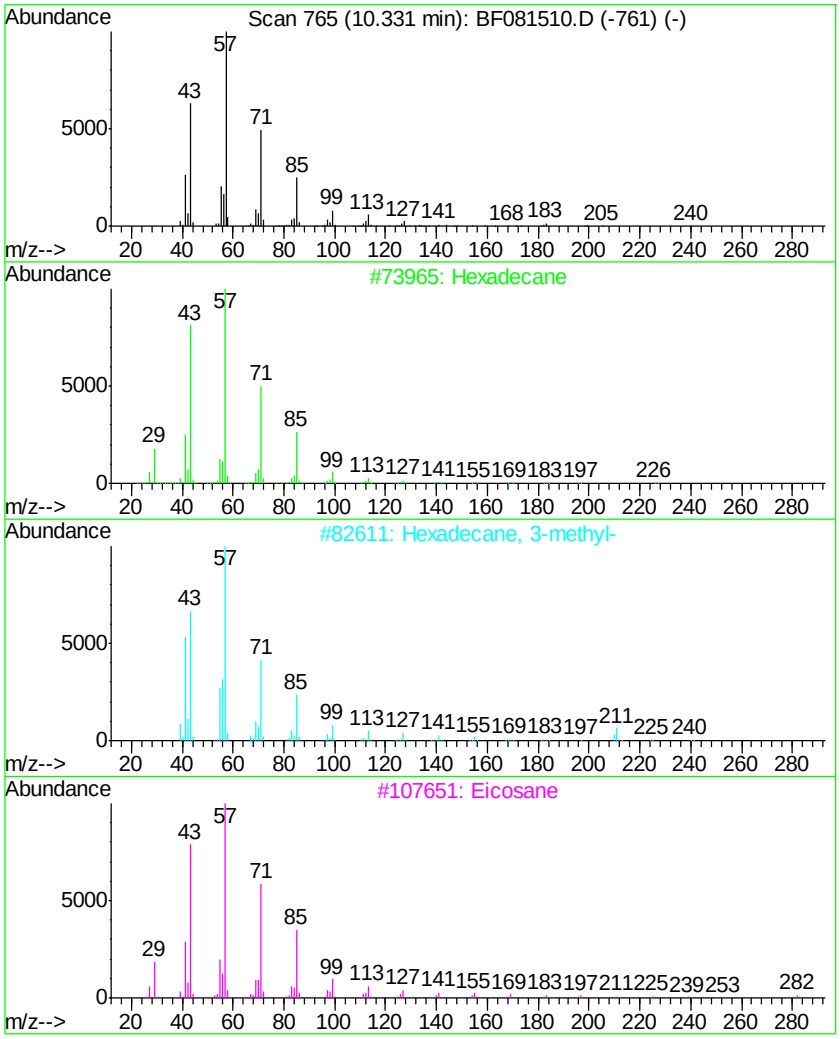
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

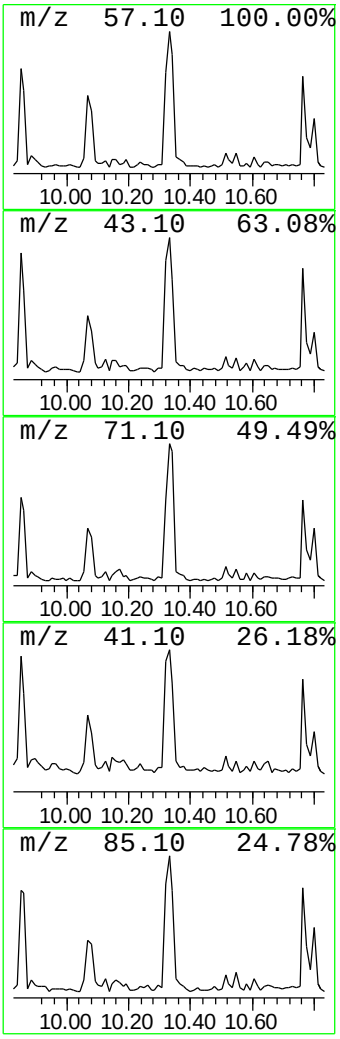
****

Peak Number 15 Hexadecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	41.46 ng	1007690	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
3	Eicosane	282	C20H42	000112-95-8	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Tetracosane	338	C24H50	000646-31-1	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

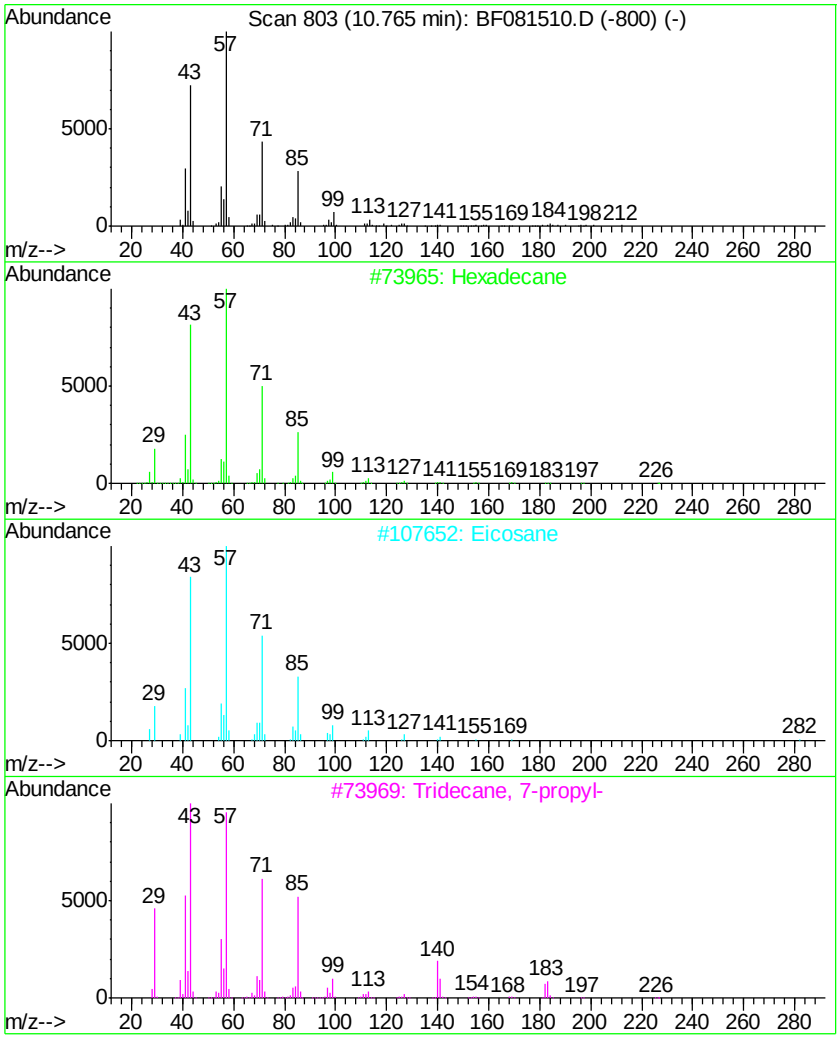
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

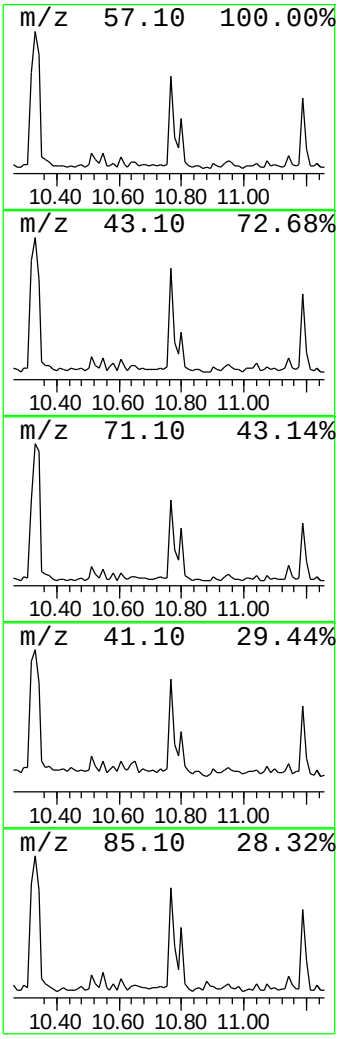
****

Peak Number 16 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	20.18 ng	490526	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

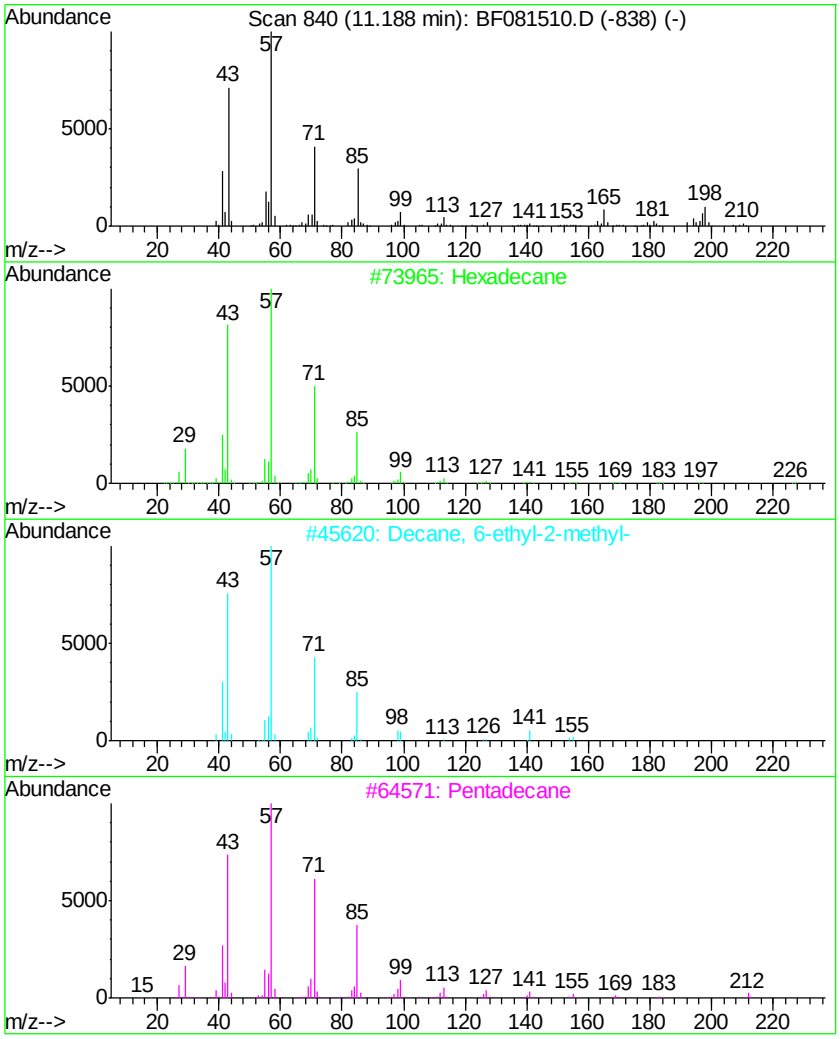
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

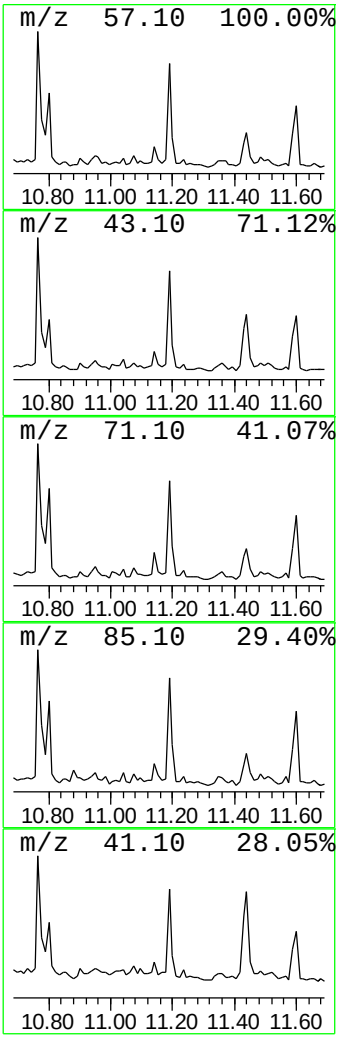
****

Peak Number 17 Decane, 6-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	13.35 ng	324359	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	62
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	58
3	Pentadecane	212	C15H32	000629-62-9	58
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	58
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

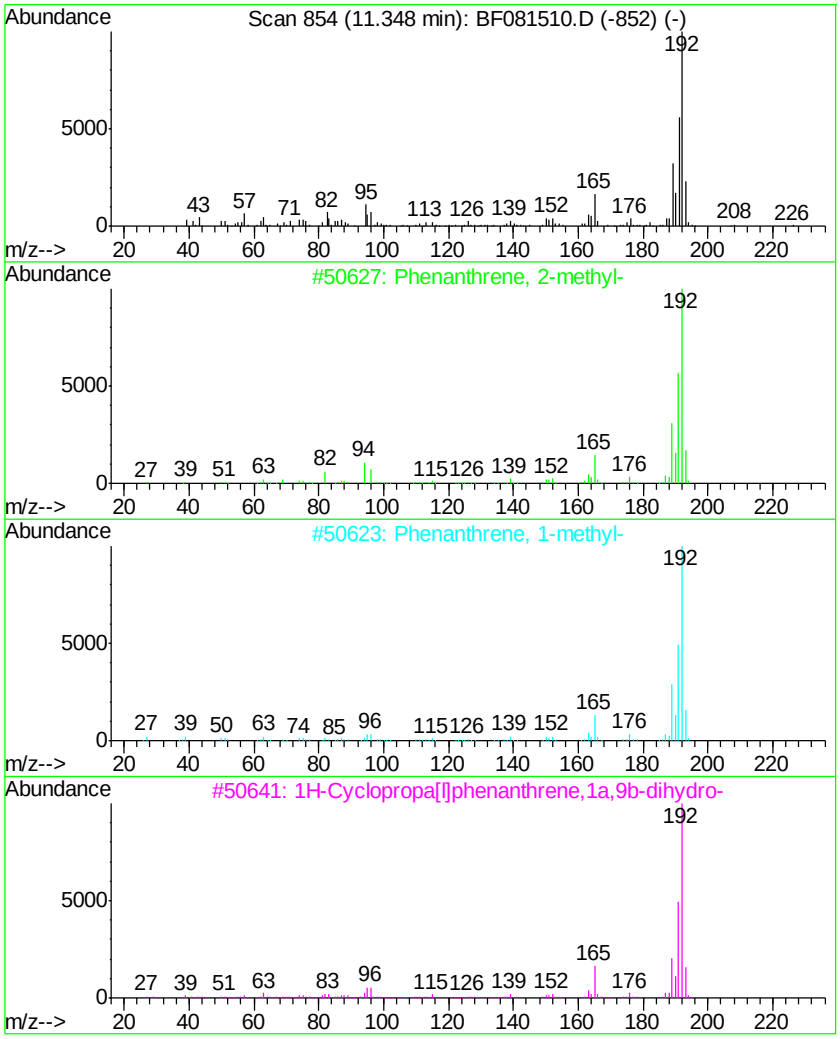
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

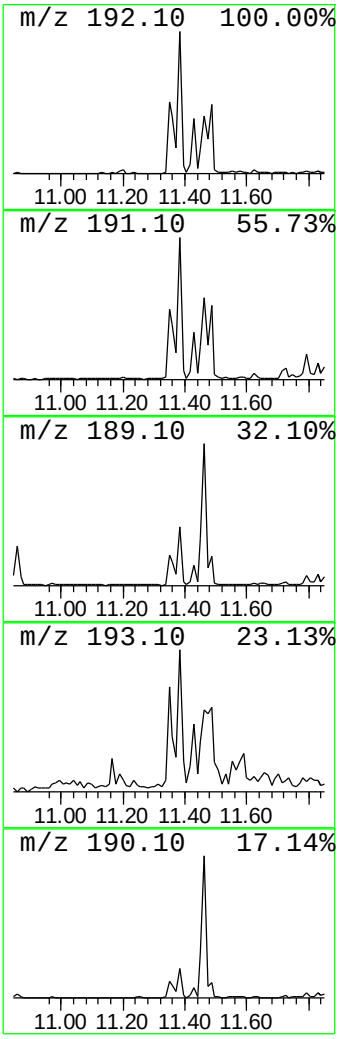
****

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	13.01 ng	316251	Phenanthrene-d10	10.86

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	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

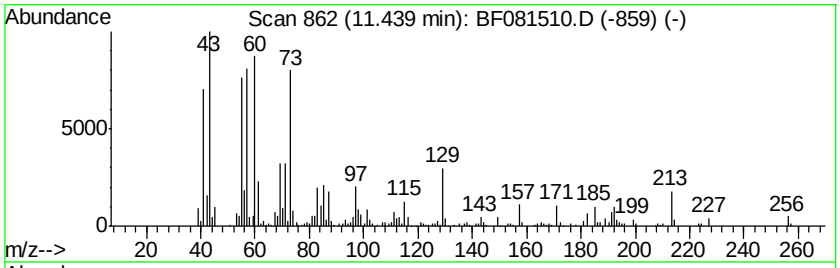
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

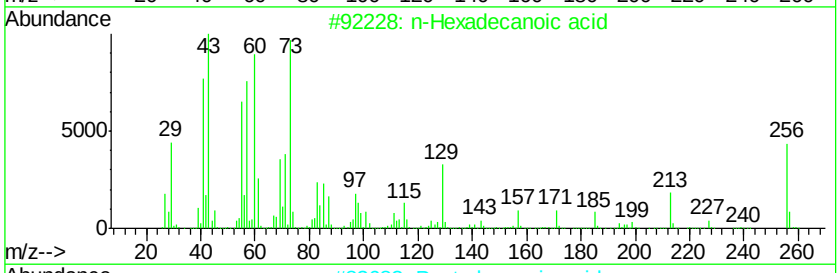
****

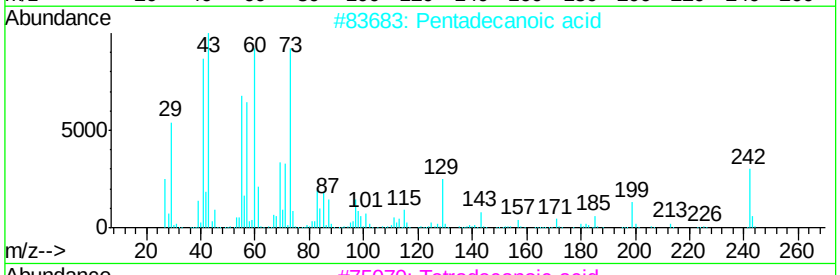
Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

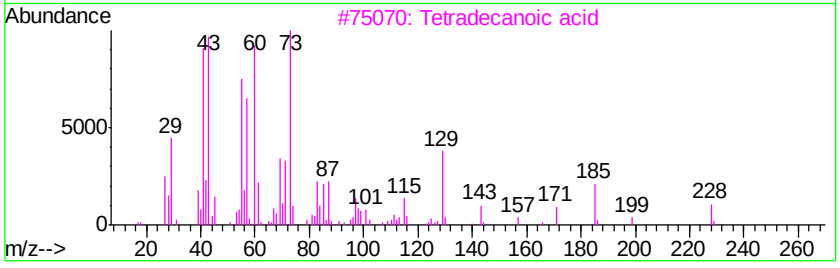
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	22.17 ng	538733	Phenanthrene-d10	10.86

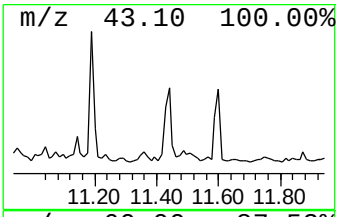
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58

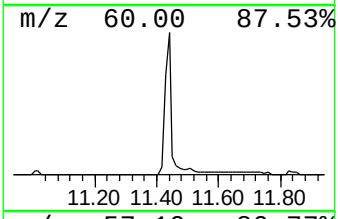


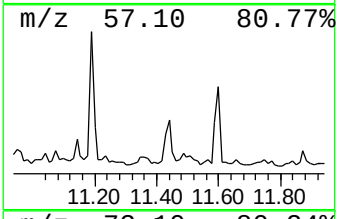


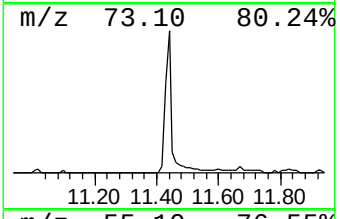


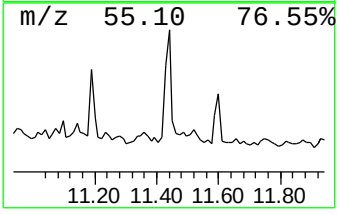












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

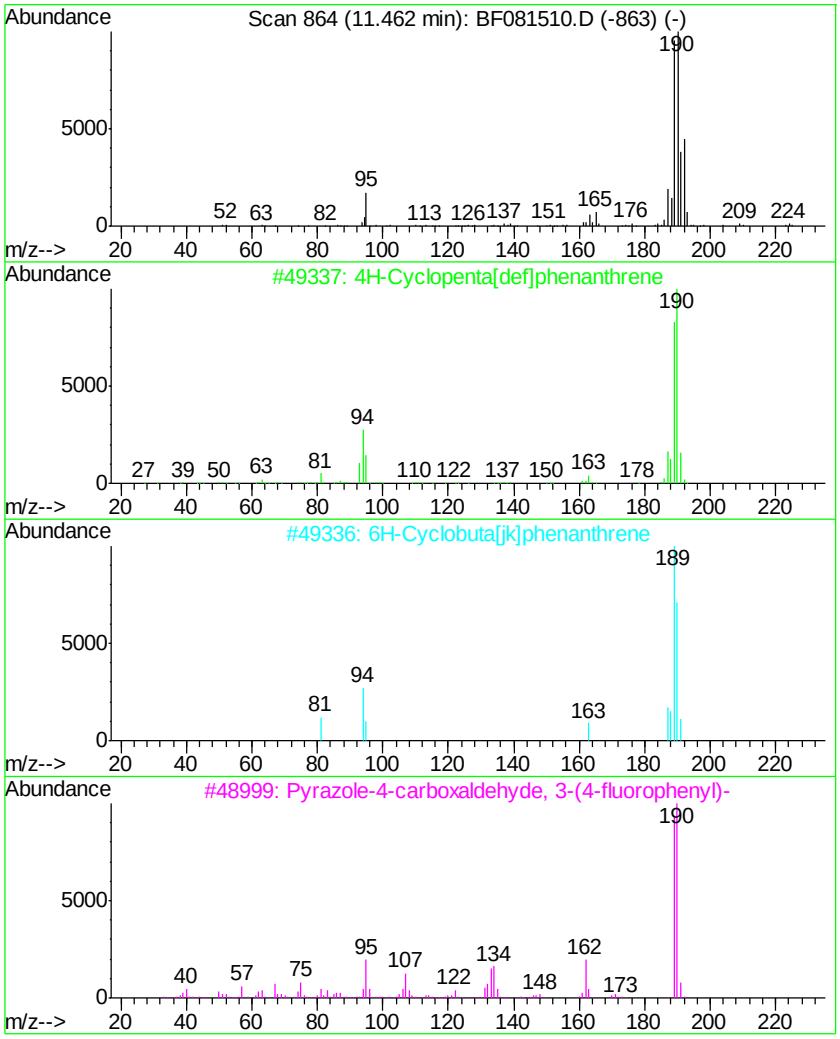
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

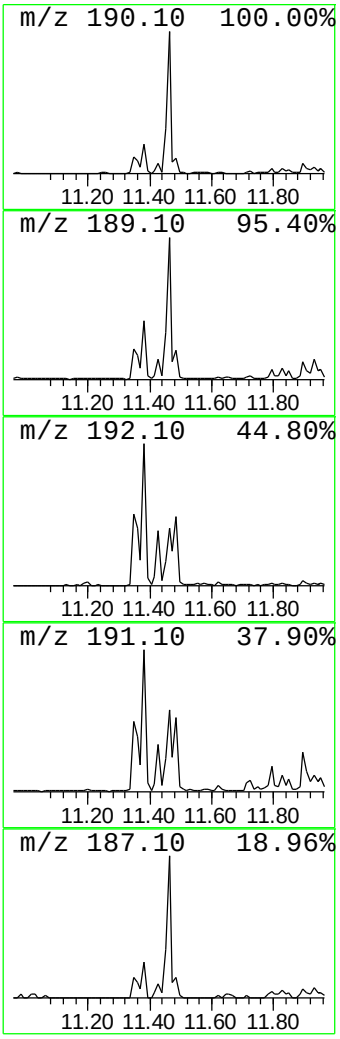
****

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	16.75 ng	407034	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.39	42.2	ng	708184	1	6.35	335766	20.0
unknown6.12	6.12	73.8	ng	1239550	1	6.35	335766	20.0
Tridecane	8.27	13.3	ng	674354	2	7.64	1014490	20.0
Naphthalene, 1-me...	8.46	14.1	ng	716291	2	7.64	1014490	20.0
unknown8.57	8.57	11.7	ng	391555	3	9.39	668325	20.0
Naphthalene, 1-et...	8.91	14.4	ng	480200	3	9.39	668325	20.0
Naphthalene, 1,6-...	8.98	18.2	ng	607201	3	9.39	668325	20.0
Naphthalene, 2,3-...	9.06	22.5	ng	751038	3	9.39	668325	20.0
Naphthalene, 2,7-...	9.08	23.0	ng	769062	3	9.39	668325	20.0
Naphthalene, 1,4,...	9.71	15.5	ng	517880	3	9.39	668325	20.0
Naphthalene, 1,6,...	9.79	12.2	ng	407914	3	9.39	668325	20.0
Hexadecane	9.85	17.0	ng	566879	3	9.39	668325	20.0
Undecane, 5-ethyl-	10.07	18.7	ng	625690	3	9.39	668325	20.0
Hexadecane, 3-met...	10.33	41.5	ng	1007690	4	10.86	486059	20.0
Eicosane	10.76	20.2	ng	490526	4	10.86	486059	20.0
Decane, 6-ethyl-2...	11.19	13.4	ng	324359	4	10.86	486059	20.0
Phenanthrene, 2-m...	11.35	13.0	ng	316251	4	10.86	486059	20.0
n-Hexadecanoic acid	11.44	22.2	ng	538733	4	10.86	486059	20.0
4H-Cyclopenta[def...	11.46	16.8	ng	407034	4	10.86	486059	20.0