LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

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-BF020116.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	4.110	175	177	182	rBV	33673	45684	1.15%	0.087%
2	4.819	236	239	248	rBV	1051440	1436054	36.02%	2.745%
3	5.264	276	278	280	rBV	3776728	3667765	91.99%	7.012%
4	5.676	312	314	316	rBV	36386	40669	1.02%	0.078%
5	6.327	368	371	373	rBV	3775944	3986941	100.00%	7.622%
6	6.442	378	381	383	rBV	4088874	3596684	90.21%	6.876%
7	6.670	399	401	404	rBV	1106443	930733	23.34%	1.779%
8	6.830	412	415	417	rBV	2988403	2692216	67.53%	5.147%
9	7.242	448	451	453	rBV	2385386	2225794	55.83%	4.255%
10	7.356	457	461	464	rBV	36216	45470	1.14%	0.087%
11	7.962	511	514	516	rBV	1379523	1296904	32.53%	2.479%
12	9.036	606	608	611	rBV	3198081	3321447	83.31%	6.350%
13	9.128	614	616	618	rBV	45260	49662	1.25%	0.095%
14	9.368	635	637	639	rBV2	53507	76757	1.93%	0.147%
15	9.436	641	643	645	rBV	618540	520362	13.05%	0.995%
16	9.573	652	655	656	rVB	97258	112032	2.81%	0.214%
17	9.653	660	662	664	rVV	167571	156068	3.91%	0.298%
18	9.711	664	667	669	rVV	1419458	1355050	33.99%	2.590%
19	9.745	669	670	672	rVB	134739	97663	2.45%	0.187%
20	9.916	679	685	686	rBV2	142828	201493	5.05%	0.385%
21	9.973	689	690	692	rVB2	39789	43240	1.08%	0.083%
22	10.019	692	694	696	rBV2	31121	50772	1.27%	0.097%
23	10.122	699	703	704	rBV2	34695	65200	1.64%	0.125%
24	10.156	704	706	708	rVB	279579	222145	5.57%	0.425%
25	10.248	713	714	717	rVV	137540	172751	4.33%	0.330%
26	10.316	718	720	723	rBV2	31119	63691	1.60%	0.122%
27	10.373	723	725	727	rVV2	85844	131987	3.31%	0.252%
28	10.408	727	728	731	rVB2	58490	97115	2.44%	0.186%
29	10.499	733	736	738	rVB	2314902	2386345	59.85%	4.562%
30	10.625	745	747	752	rBV	261127	311803	7.82%	0.596%
31	10.819	759	764	766	rBV4	40431	119628	3.00%	0.229%
32	10.934	771	774	778	rBV4	56155	163522	4.10%	0.313%
33	10.991	778	779	782	rVB	64625	76134	1.91%	0.146%
34	11.048	782	784	785	rBV	48749	67945	1.70%	0.130%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.071	785	786	791	rVB2	129573	228169	5.72%	0.436%
36	11.208	794	798	800	rBV2	1384748	2476951	62.13%	4.735%
37	11.265	800	803	804	rVV	338868	348120	8.73%	0.666%
38	11.299	804	806	809	rVB	50345	44459	1.12%	0.085%
39	11.425	814	817	821	rBV3	151197	274126	6.88%	0.524%
40	11.494	821	823	828	rVB3	54483	118196	2.96%	0.226%
41	11.688	837	840	841	rBV	176556	171259	4.30%	0.327%
42	11.722	841	843	845	rVV	143255	222658	5.58%	0.426%
43	11.768	845	847	848	rVV	78297	98965	2.48%	0.189%
44	11.802	848	850	854	rVV2	219922	393351	9.87%	0.752%
45	11.905	857	859	862	rVV2	58659	89077	2.23%	0.170%
46	11.985	864	866	870	rVB2	196257	241016	6.05%	0.461%
47	12.134	876	879	880	rBV	51908	61210	1.54%	0.117%
48	12.237	885	888	890	rBV	107895	190909	4.79%	0.365%
49	12.294	892	893	894	rVV	107234	83469	2.09%	0.160%
50	12.328	894	896	899	rVB2	95377	153239	3.84%	0.293%
51	12.397	899	902	904	rBV	1987390	1745969	43.79%	3.338%
52	12.454	904	907	909	rVV3	37593	71117	1.78%	0.136%
53	12.488	909	910	912	rVV	111614	96961	2.43%	0.185%
54	12.545	912	915	916	rVV2	74724	99701	2.50%	0.191%
55	12.625	919	922	924	rBV	1542577	1793442	44.98%	3.429%
56	12.671	924	926	930	rVB3	95149	150715	3.78%	0.288%
57	12.739	930	932	933	rBV	82237	82192	2.06%	0.157%
58	12.774	933	935	938	rVB	2758977	2470438	61.96%	4.723%
59	12.842	938	941	945	rBV4	93075	197405	4.95%	0.377%
60	12.945	947	950	952	rVB2	112673	255632	6.41%	0.489%
61	13.014	954	956	958	rVV2	88184	116190	2.91%	0.222%
62	13.048	958	959	963	rVV2	111844	174777	4.38%	0.334%
63	13.139	963	967	969	rVB3	103483	197143	4.94%	0.377%
64	13.174	969	970	974	rBV2	93099	126496	3.17%	0.242%
65	13.254	975	977	980	rVB4	41685	78152	1.96%	0.149%
66	13.357	982	986	989	rBV5	67833	176009	4.41%	0.336%
67	13.459	991	995	998	rBV	118853	169008	4.24%	0.323%
68	13.562	1002	1004	1006	rBV	103813	159236	3.99%	0.304%
69	13.597	1006	1007	1008	rVV	99758	90245	2.26%	0.173%
70	13.620	1008	1009	1012	rVV2	83817	124176	3.11%	0.237%
71	13.688	1012	1015	1018	rVB2	142012	269104	6.75%	0.514%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.814	1023	1026	1033	rBV2	1098428	2164759	54.30%	4.138%
73	13.917	1033	1035	1037	rVB2	92513	110118	2.76%	0.211%
74	14.008	1041	1043	1044	rBV2	72151	66495	1.67%	0.127%
75	14.145	1053	1055	1056	rBV2	24210	43367	1.09%	0.083%
76	14.202	1058	1060	1062	rVB	120451	131537	3.30%	0.251%
77	14.237	1062	1063	1065	rBV	58086	51110	1.28%	0.098%
78	14.294	1066	1068	1070	rBV3	39521	77555	1.95%	0.148%
79	14.511	1085	1087	1088	rBV2	59299	68728	1.72%	0.131%
80	14.602	1092	1095	1098	rBV3	57629	129732	3.25%	0.248%
81	14.671	1098	1101	1105	rVV	210487	265894	6.67%	0.508%
82	14.820	1111	1114	1118	rBV	633389	1160024	29.10%	2.218%
83	14.911	1119	1122	1124	rVB3	152508	165396	4.15%	0.316%
84	15.014	1127	1131	1132	rBV3	33813	93224	2.34%	0.178%
85	15.083	1135	1137	1140	rVB	411260	476389	11.95%	0.911%
86	15.140	1140	1142	1144	rBV	602161	655019	16.43%	1.252%
87	15.197	1144	1147	1148	rBV	673294	832621	20.88%	1.592%
88	15.620	1182	1184	1186	rBV	47806	68117	1.71%	0.130%
89	15.803	1198	1200	1208	rVB6	46634	132380	3.32%	0.253%
90	16.180	1231	1233	1238	rVB4	49731	109270	2.74%	0.209%
91	16.328	1240	1246	1249	rBV3	49991	201050	5.04%	0.384%
92	16.477	1255	1259	1262	rVB2	250863	483546	12.13%	0.924%
93	16.626	1269	1272	1274	rBV	56226	114215	2.86%	0.218%
94	16.671	1274	1276	1279	rVV2	46561	89214	2.24%	0.171%
95	16.854	1288	1292	1297	rBV	221671	438612	11.00%	0.839%
96	17.060	1307	1310	1316	rVB	69157	157732	3.96%	0.302%
97	17.871	1377	1381	1387	rVB7	32091	120915	3.03%	0.231%
98	18.729	1451	1456	1459	rBV4	22994	94584	2.37%	0.181%
99	18.809	1459	1463	1468	rVB2	47316	140499	3.52%	0.269%

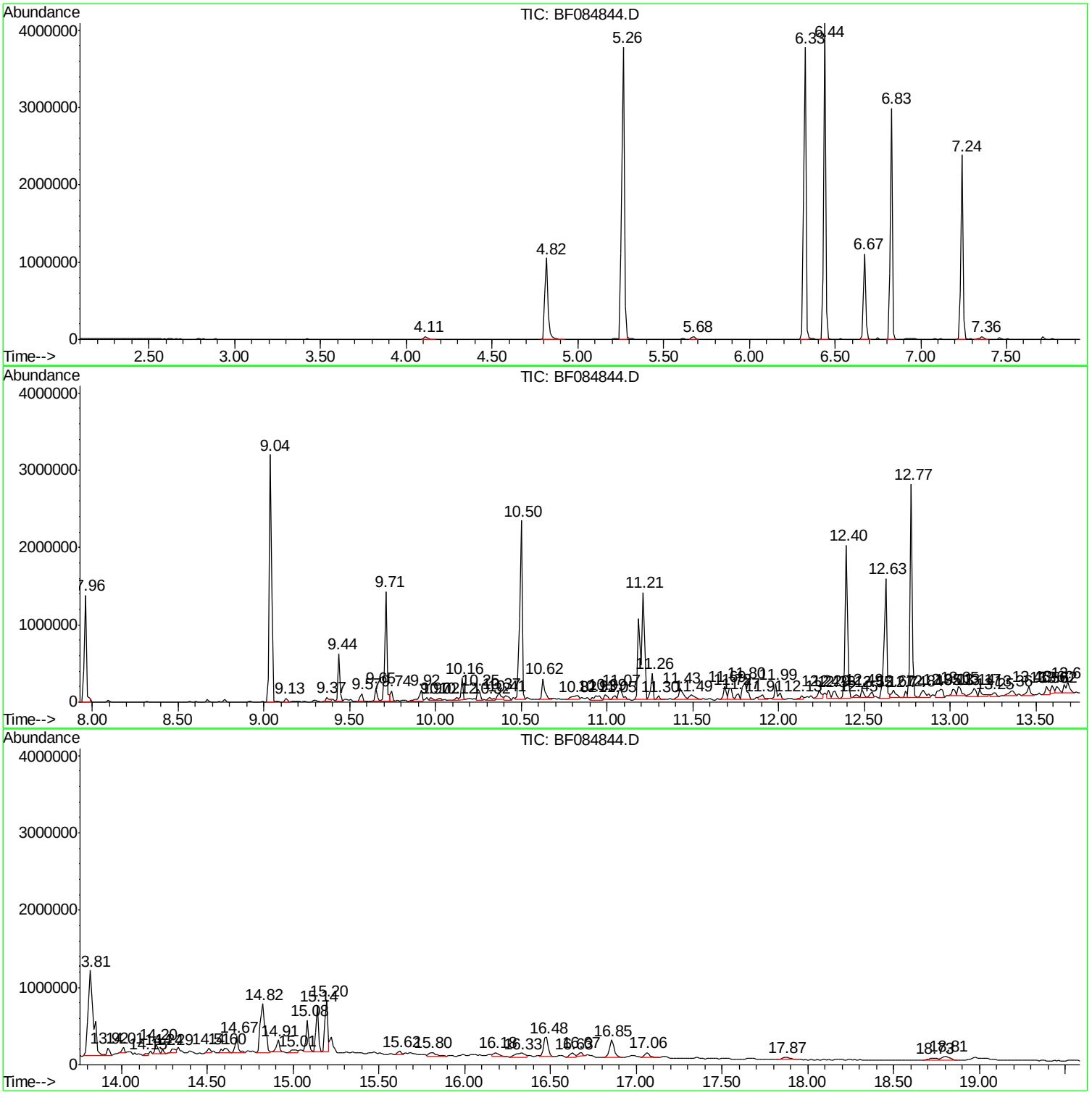
Sum of corrected areas: 52309110

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

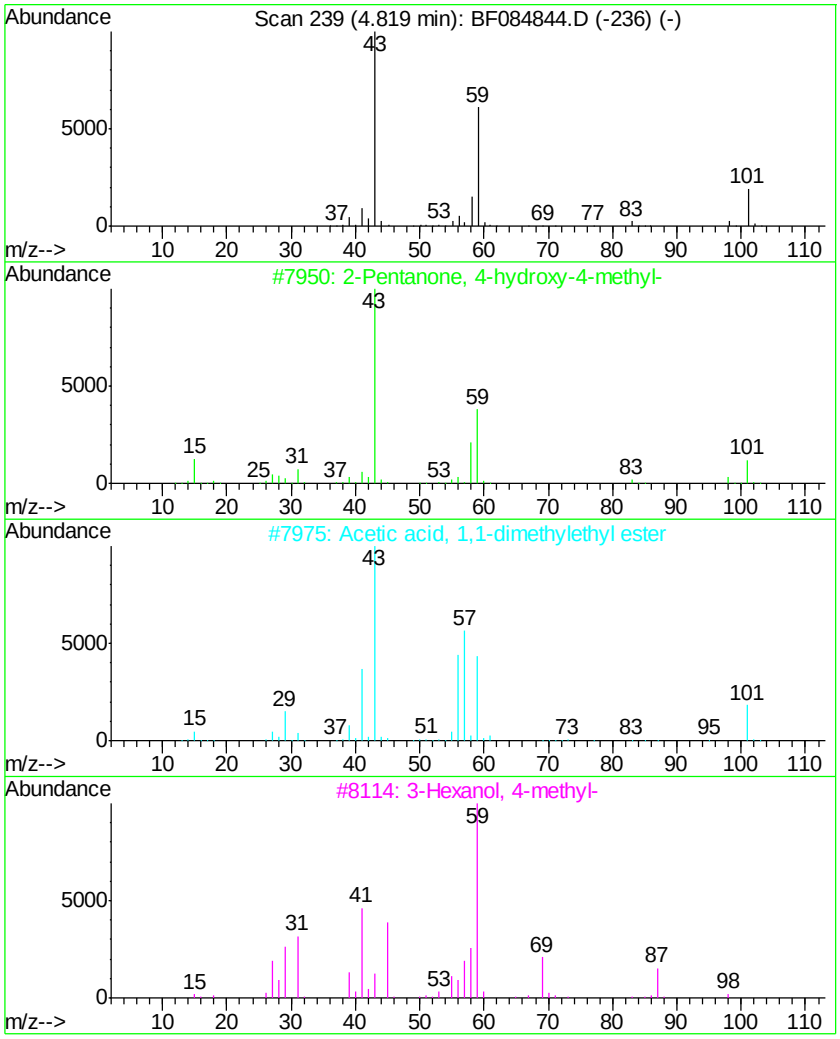
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

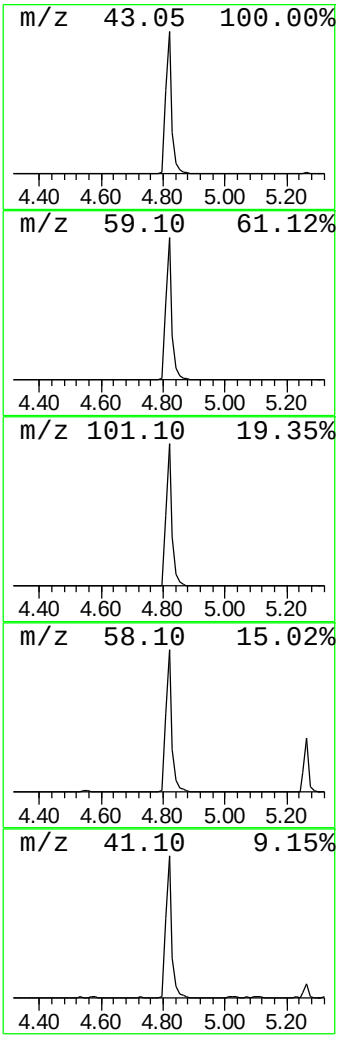
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	30.86 ng	1436050	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

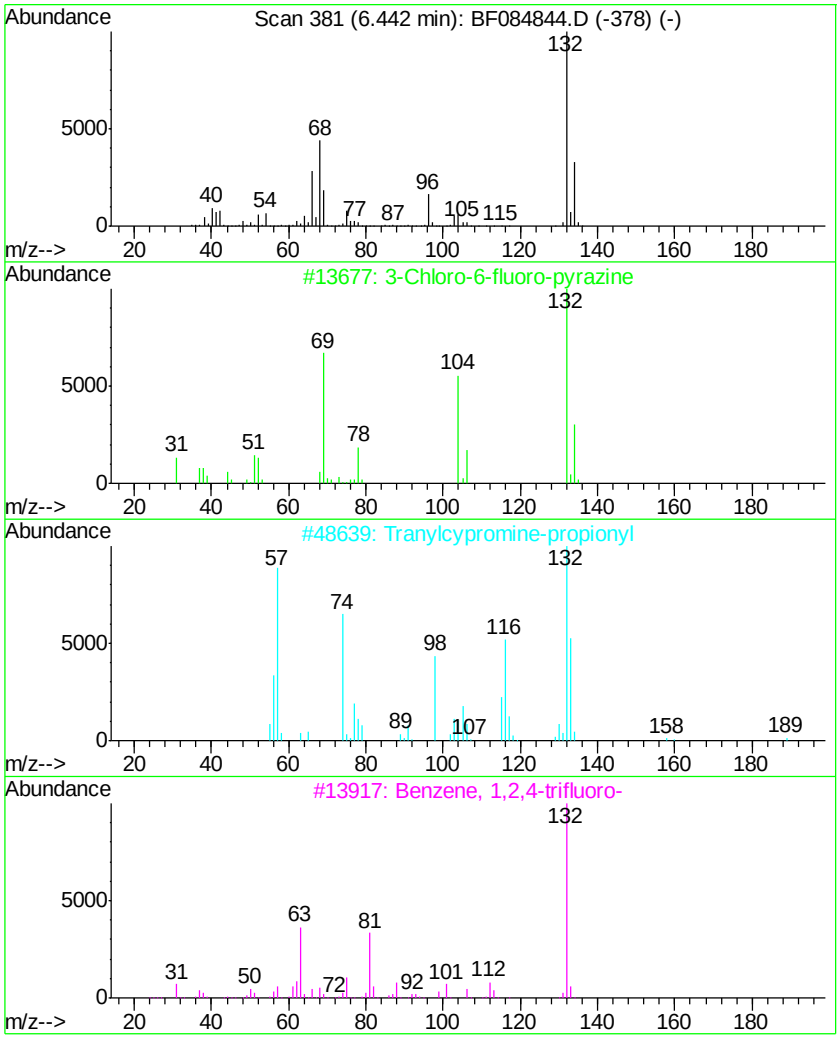
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

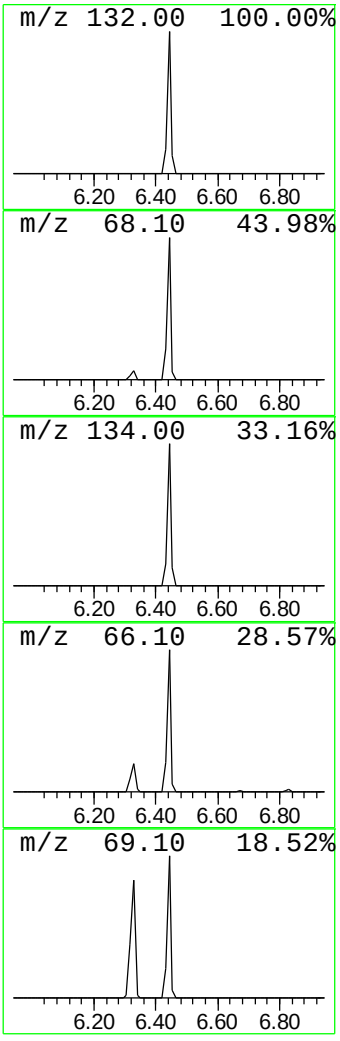
****

Peak Number 2 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	77.29 ng	3596680	1,4-Dichlorobenzene-d4	6.67

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	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

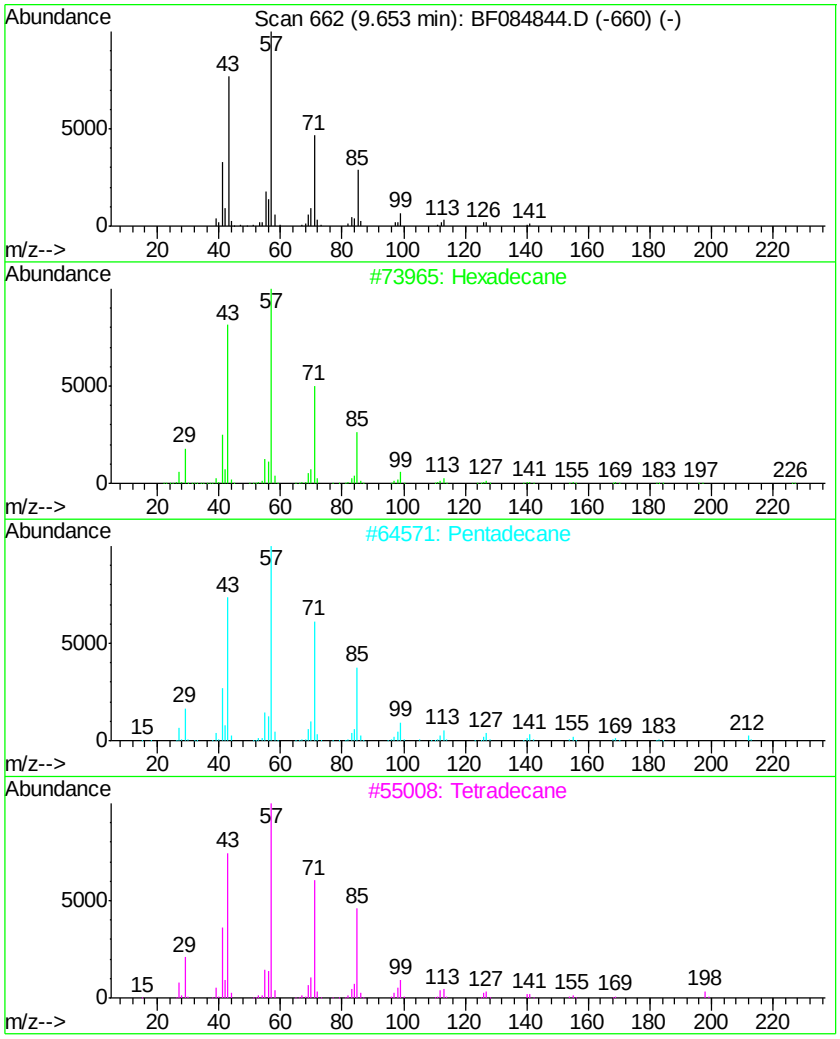
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

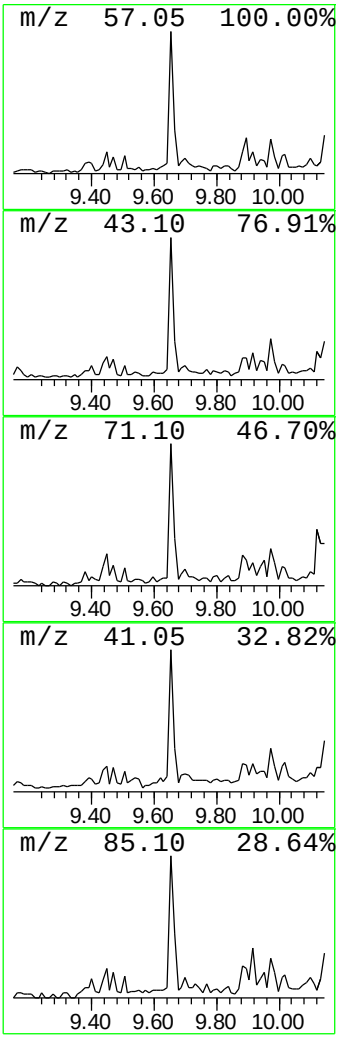
****

Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	2.30 ng	156068	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

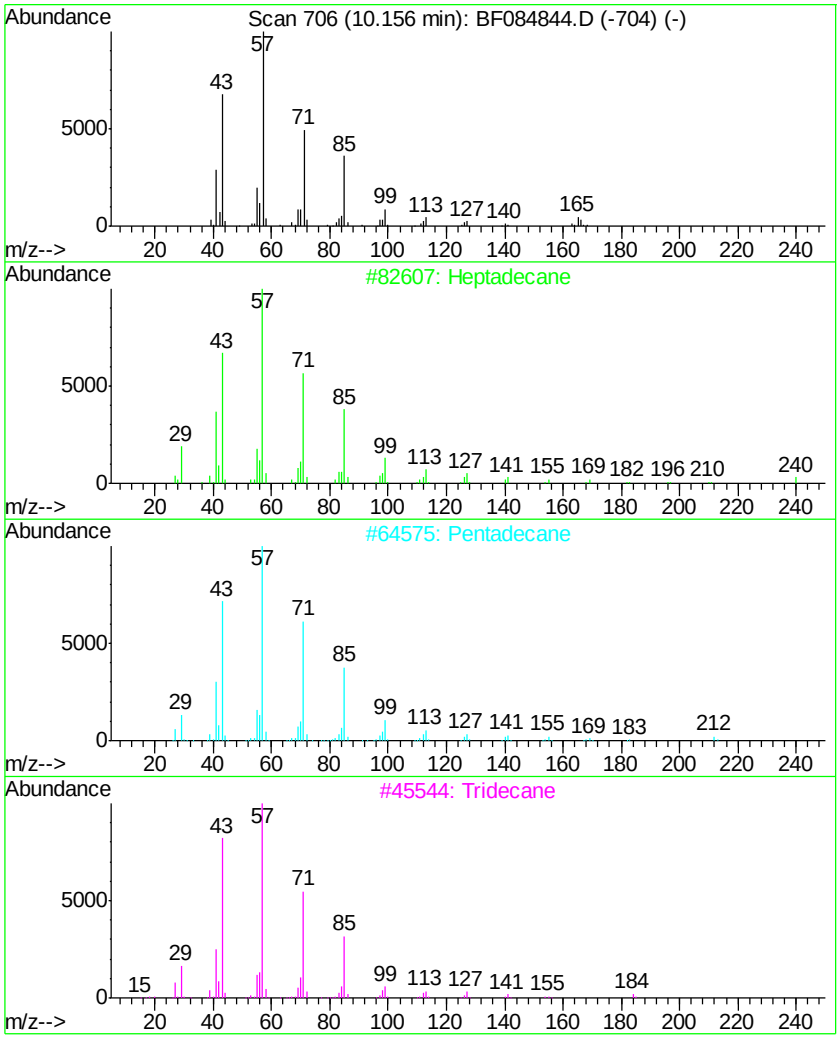
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

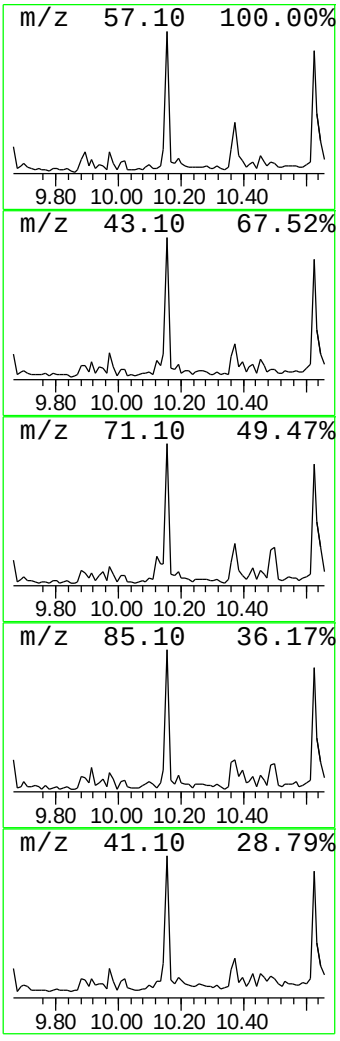
****

Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.28 ng	222145	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

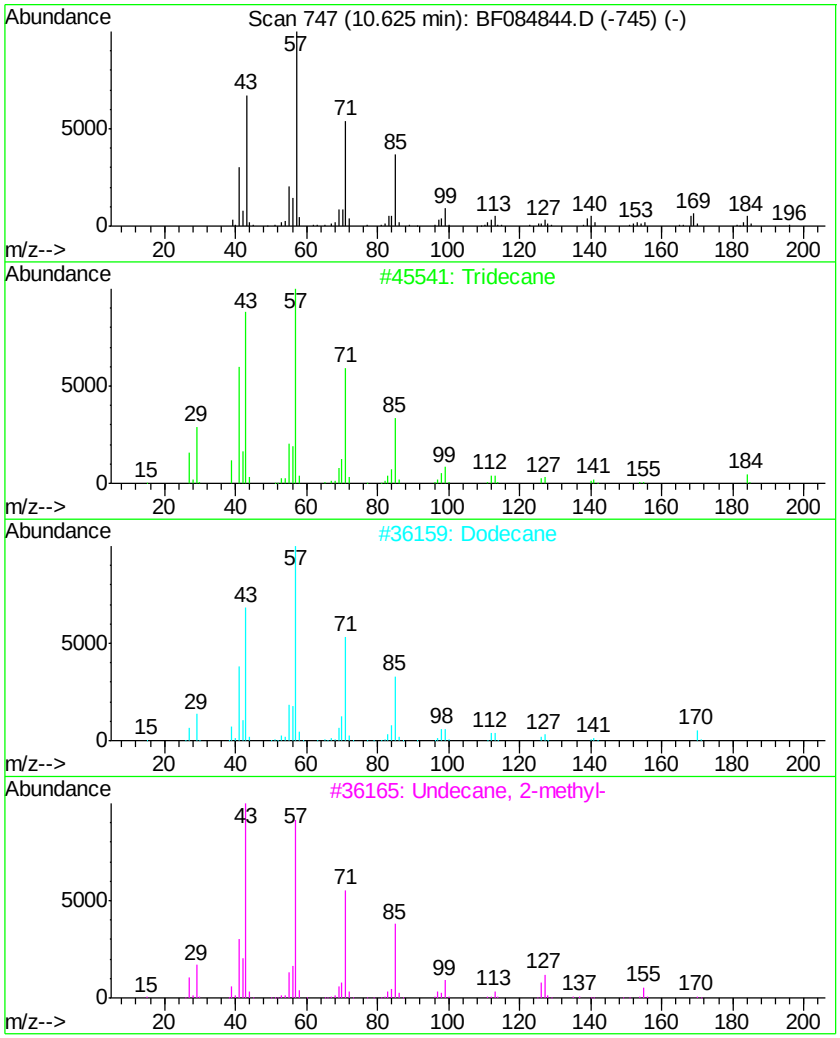
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

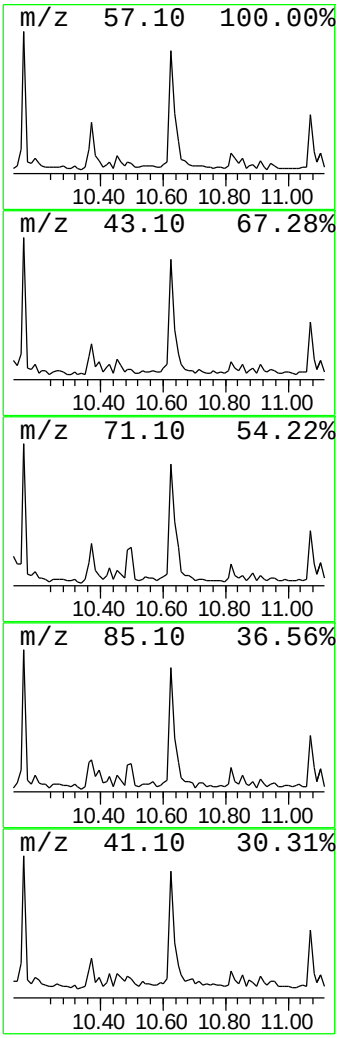
****

Peak Number 6 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.52 ng	311803	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane	170	C12H26	000112-40-3	76
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	68
4	Eicosane	282	C20H42	000112-95-8	68
5	Tetradecane	198	C14H30	000629-59-4	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

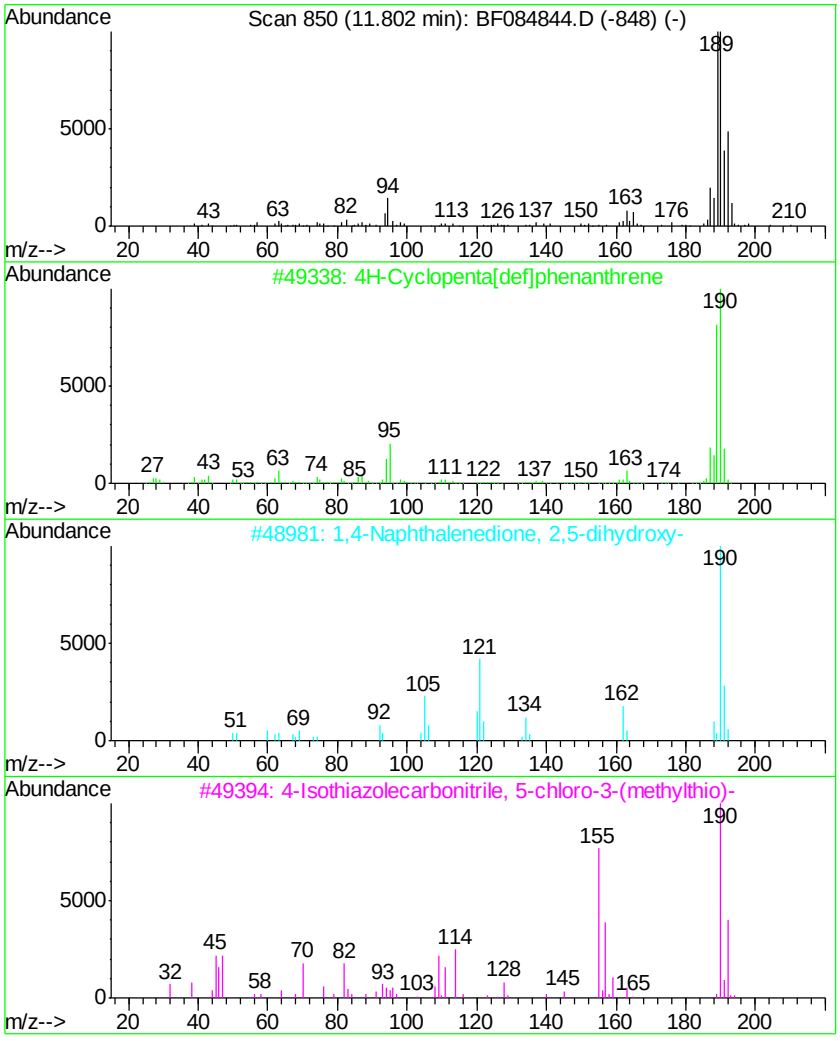
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

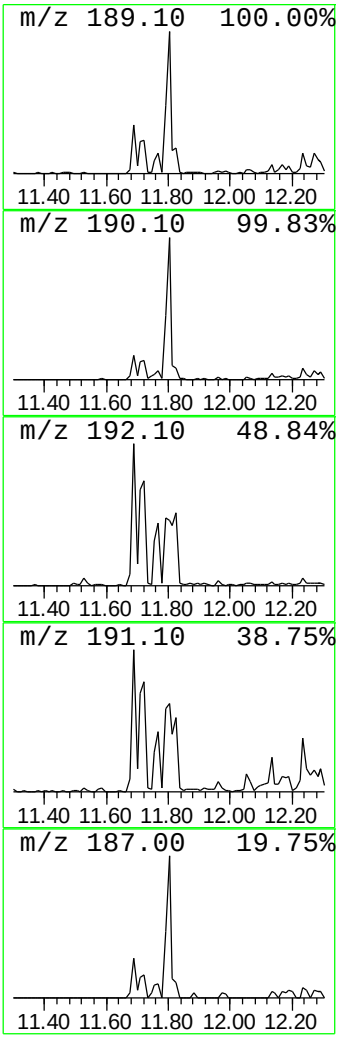
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.18 ng	393351	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
3	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	16
4	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	12
5	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

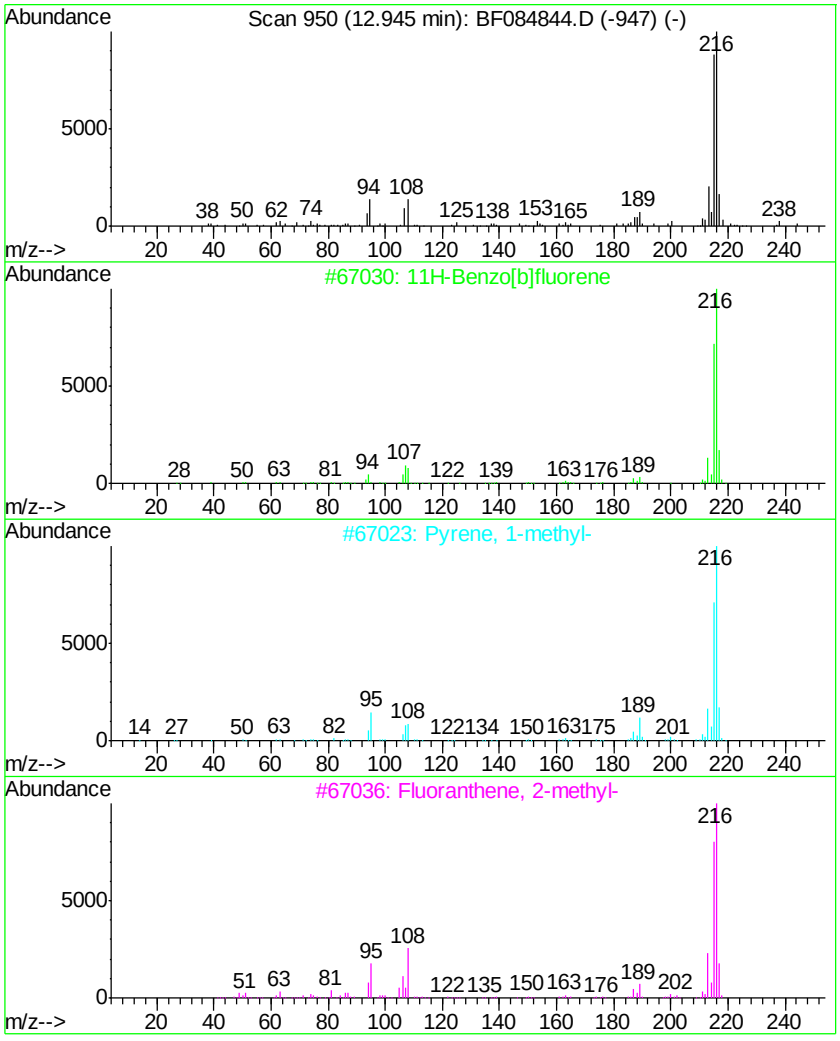
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

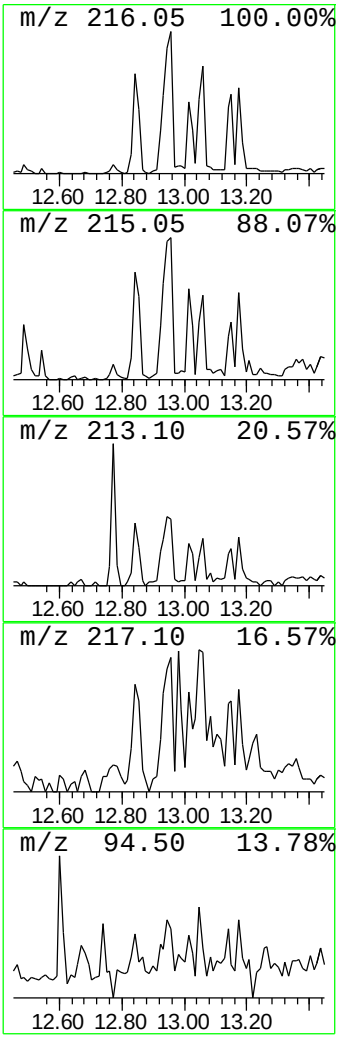
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.36 ng	255632	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

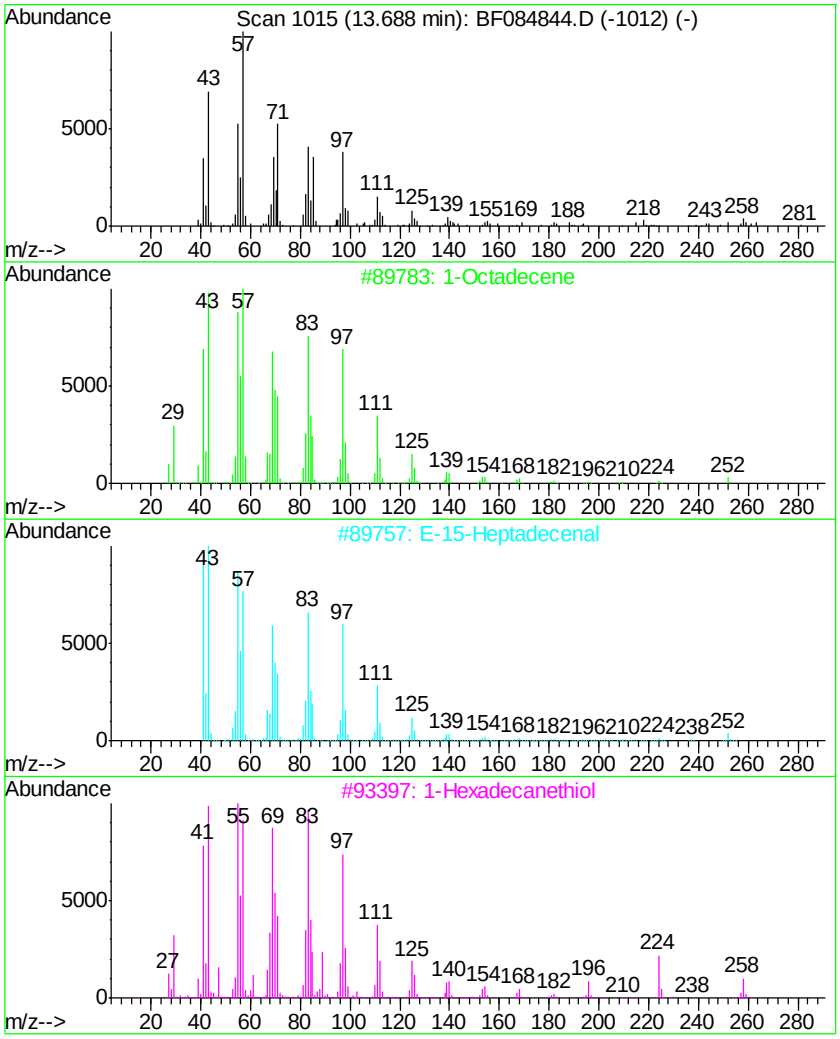
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

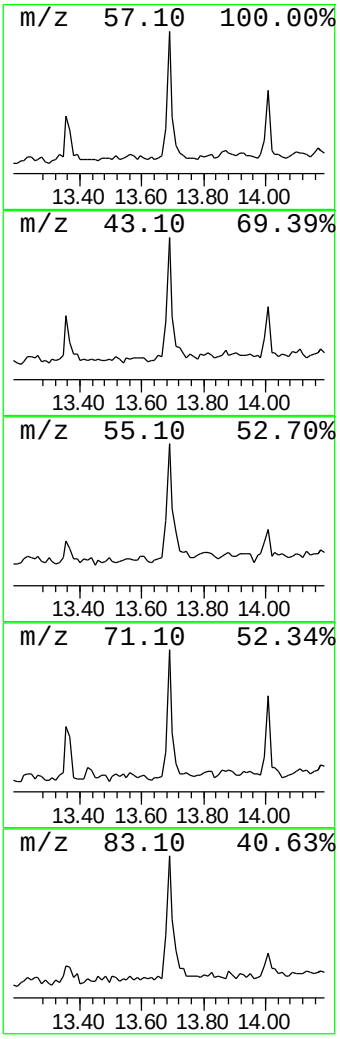
****

Peak Number 9 1-Octadecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.49 ng	269104	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
3	1-Hexadecanethiol	258	C16H34S	002917-26-2	92
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	72
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

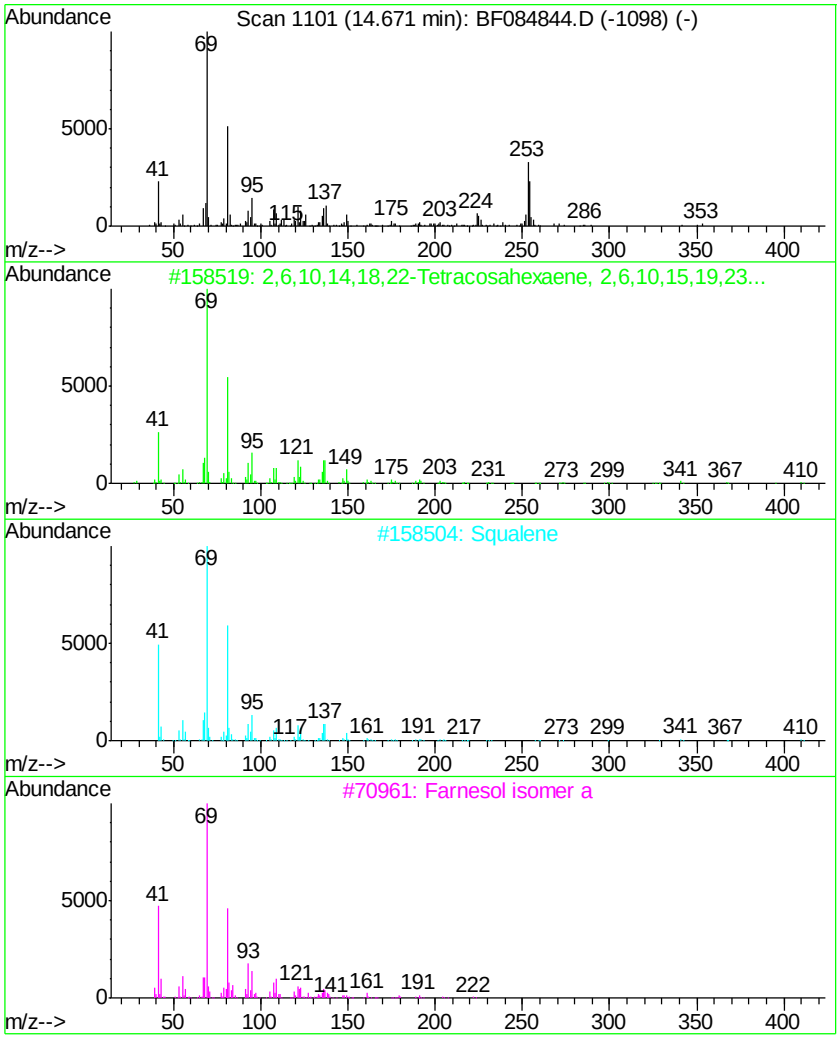
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

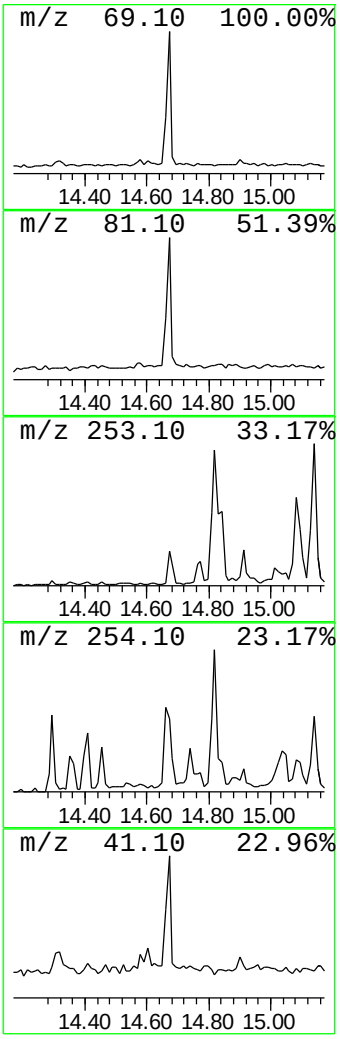
****

Peak Number 11 2,6,10,14,18,22-Tetracosahe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	6.39 ng	265894	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	70
2	Squalene	410	C30H50	007683-64-9	62
3	Farnesol isomer a	222	C15H26O	1000108-92-4	60
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	58
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

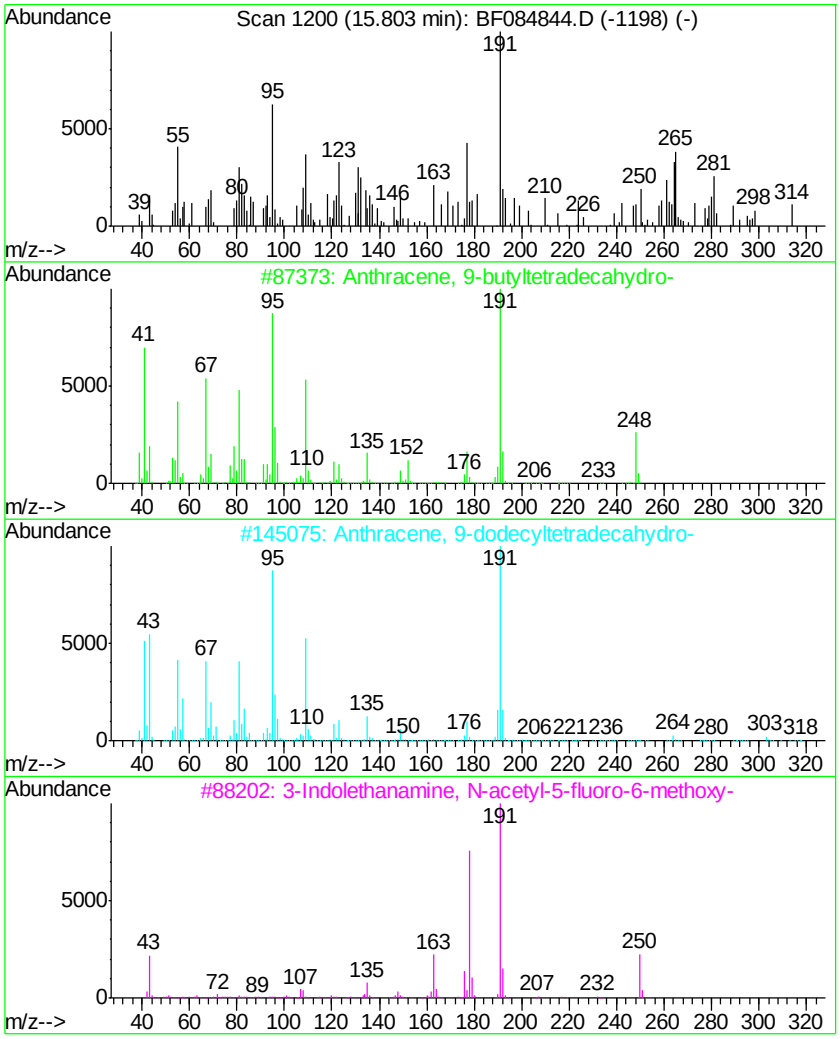
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

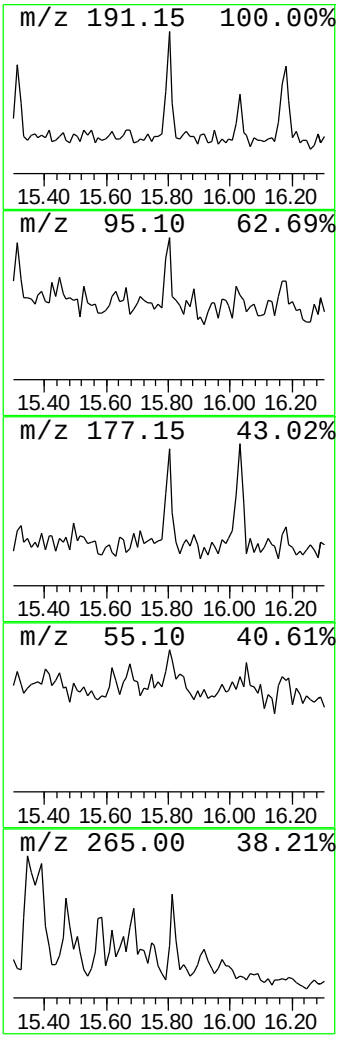
****

Peak Number 14 unknown15.80 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.18 ng	132380	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	41
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35
3	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	30
4	Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	144000-76-0	27
5	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

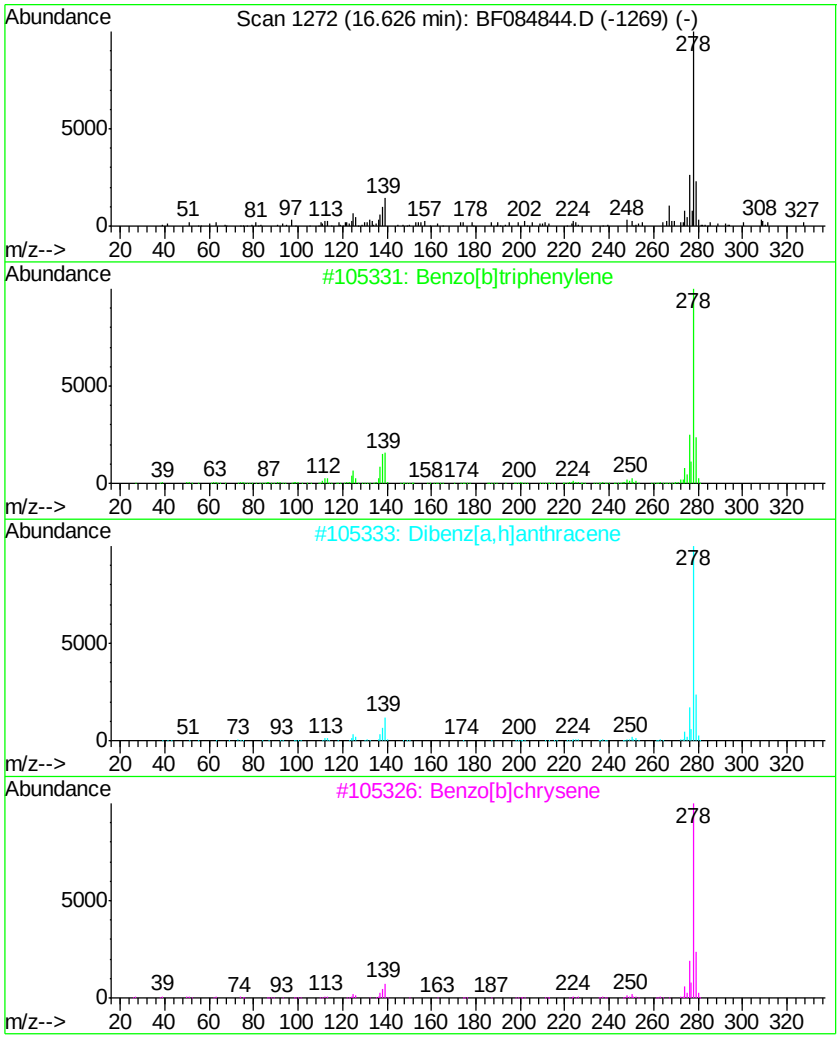
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

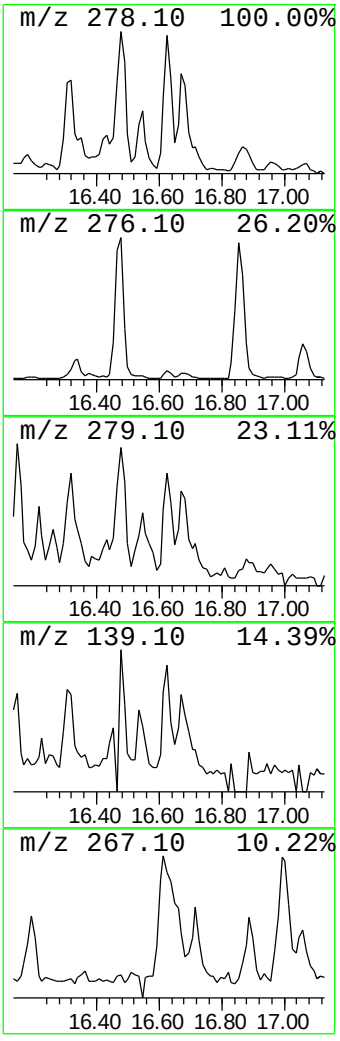
****

Peak Number 17 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.74 ng	114215	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	Benzo[b]chrysene	278	C22H14	000214-17-5	90
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	81
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

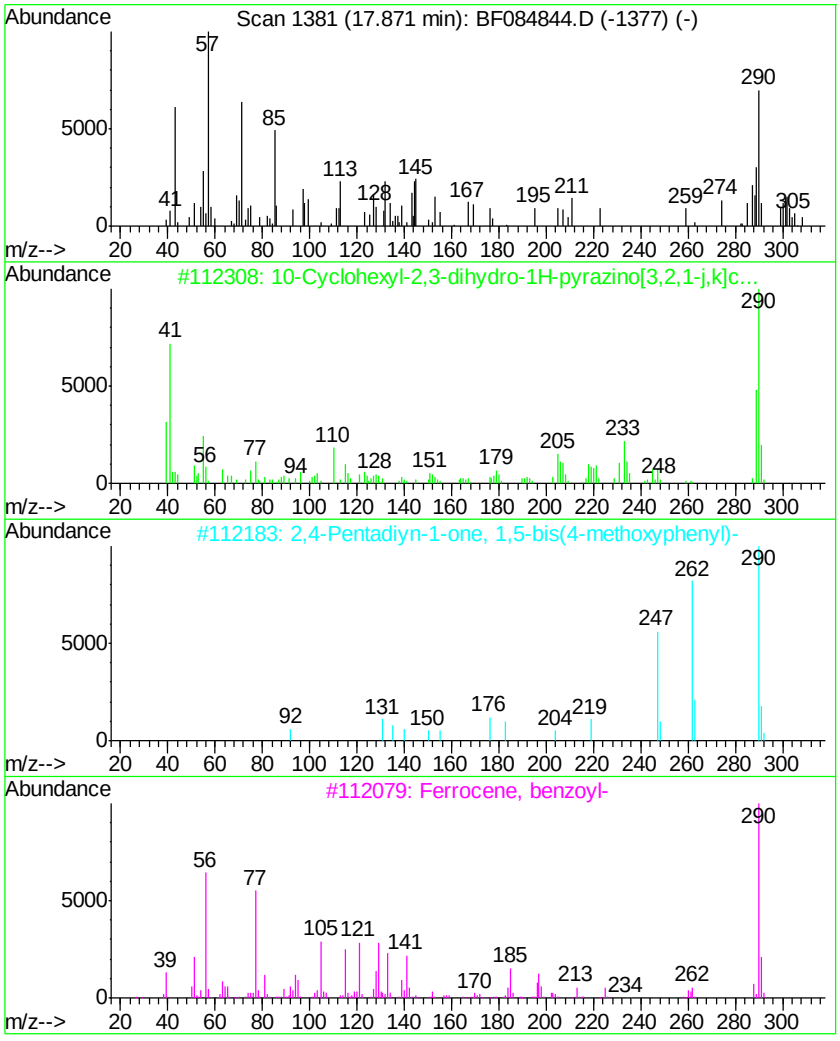
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

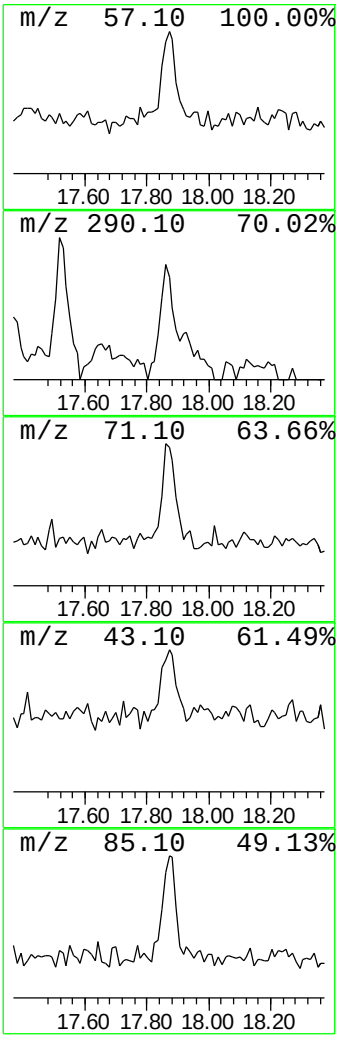
****

Peak Number 19 unknown17.87 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.90 ng	120915	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Cyclohexyl-2,3-dihydro-1H-pyr...	290	C20H22N2	157056-89-8	30
2	2,4-Pentadiyn-1-one, 1,5-bis(4-m...	290	C19H14O3	029372-67-6	22
3	Ferrocene, benzoyl-	290	C17H14FeO	001272-44-2	18
4	Benzoxazole, 2,2'-(1,2-ethenediy...	290	C18H14N2O2	001041-00-5	14
5	Benzene, 1-chloro-3-(2,2-dipheny...	290	C20H15Cl	018648-67-4	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

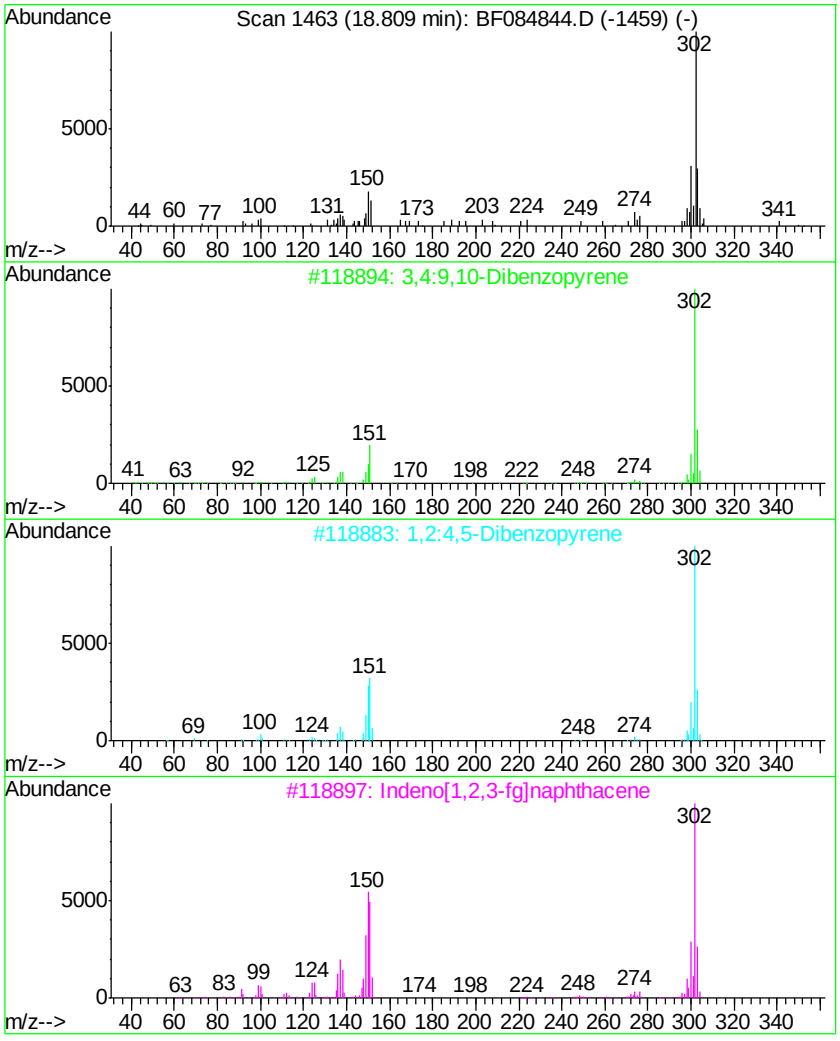
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

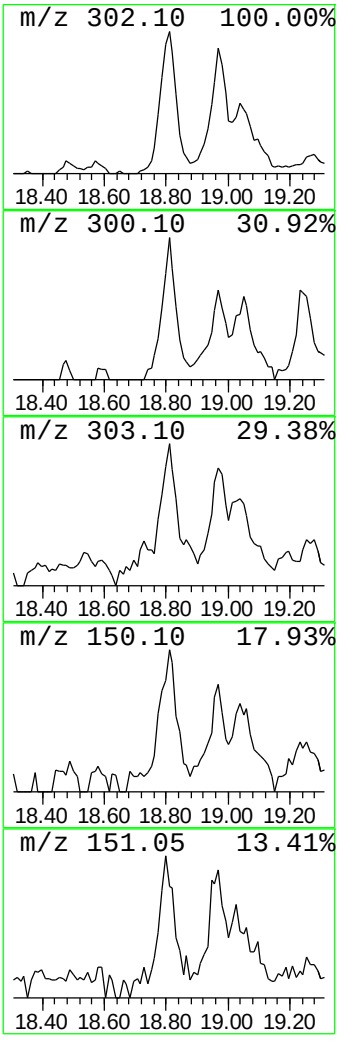
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.37 ng	140499	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	74
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	70
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	62
5	Cobalt, [(1,2,5,6-.eta.)-1,5-cyc...	302	C18H27Co	082595-75-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084844.D
Acq On : 4 Feb 2016 22:32
Operator : SJ/IZ
Sample : H1320-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.82	30.9	ng	1436050	1	6.67	930733	20.0
unknown6.44	6.44	77.3	ng	3596680	1	6.67	930733	20.0
Hexadecane	9.65	2.3	ng	156068	3	9.71	1355050	20.0
Heptadecane	10.16	3.3	ng	222145	3	9.71	1355050	20.0
Tridecane	10.62	2.5	ng	311803	4	11.19	2476950	20.0
4H-Cyclopenta[def...	11.80	3.2	ng	393351	4	11.19	2476950	20.0
11H-Benzo[b]fluorene	12.95	2.4	ng	255632	5	13.83	2164760	20.0
1-Octadecene	13.69	2.5	ng	269104	5	13.83	2164760	20.0
2,6,10,14,18,22-T...	14.67	6.4	ng	265894	6	15.20	832621	20.0
unknown15.80	15.80	3.2	ng	132380	6	15.20	832621	20.0
Benzo[b]triphenylene	16.63	2.7	ng	114215	6	15.20	832621	20.0
unknown17.87	17.87	2.9	ng	120915	6	15.20	832621	20.0
3,4:9,10-Dibenzop...	18.81	3.4	ng	140499	6	15.20	832621	20.0