LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.074	253	257	265	rBV	884200	1234621	45.40%	4.133%
2	5.486	290	293	295	rVB	2051379	2089086	76.82%	6.993%
3	5.714	311	313	315	rBV	28710	27721	1.02%	0.093%
4	6.514	380	383	386	rBV	1761850	1929666	70.95%	6.459%
5	6.652	393	395	398	rBV	2214271	2113941	77.73%	7.076%
6	6.709	398	400	405	rVB	49515	60411	2.22%	0.202%
7	6.892	413	416	418	rBV	275768	406057	14.93%	1.359%
8	6.937	418	420	427	rVV2	18678	38345	1.41%	0.128%
9	7.040	427	429	432	rVV	1848855	1703926	62.65%	5.703%
10	7.155	436	439	441	rVV4	15491	27631	1.02%	0.092%
11	7.452	463	465	470	rBV	1130398	1265113	46.52%	4.235%
12	7.909	501	505	509	rBV3	27186	50940	1.87%	0.171%
13	8.172	524	528	531	rBV	645098	688098	25.30%	2.303%
14	8.229	531	533	534	rVB2	24245	30529	1.12%	0.102%
15	8.458	550	553	556	rVB4	19985	34964	1.29%	0.117%
16	8.583	563	564	567	rBV	26637	39684	1.46%	0.133%
17	8.755	578	579	581	rBV	38759	55987	2.06%	0.187%
18	8.880	589	590	592	rBV	77196	89630	3.30%	0.300%
19	8.983	597	599	601	rBV	111219	109580	4.03%	0.367%
20	9.189	616	617	620	rVB2	38920	41591	1.53%	0.139%
21	9.258	620	623	625	rBV	2166449	2719607	100.00%	9.103%
22	9.326	627	629	632	rVB2	87442	93961	3.45%	0.315%
23	9.452	637	640	643	rVB	32152	62230	2.29%	0.208%
24	9.520	643	646	648	rBV	81027	125578	4.62%	0.420%
25	9.589	650	652	653	rVV	95733	104400	3.84%	0.349%
26	9.646	655	657	660	rVV	443859	481579	17.71%	1.612%
27	9.703	660	662	667	rVV2	53234	96628	3.55%	0.323%
28	9.795	667	670	671	rVV	157633	153694	5.65%	0.514%
29	9.841	671	674	675	rVV2	41615	61985	2.28%	0.207%
30	9.863	675	676	678	rVB	75345	59434	2.19%	0.199%
31	9.932	678	682	684	rBV	784157	762950	28.05%	2.554%
32	9.966	684	685	689	rVB4	41830	55562	2.04%	0.186%
33	10.035	689	691	693	rBV	54624	67312	2.48%	0.225%
34	10.092	693	696	697	rBV3	21934	43328	1.59%	0.145%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.138	697	700	702	rVV2	44284	91780	3.37%	0.307%
36	10.172	702	703	705	rVV2	33248	46597	1.71%	0.156%
37	10.252	708	710	713	rBV2	44559	93492	3.44%	0.313%
38	10.332	716	717	718	rVV	69718	79826	2.94%	0.267%
39	10.366	718	720	721	rVB2	92959	112611	4.14%	0.377%
40	10.469	727	729	735	rBV5	46970	121895	4.48%	0.408%
41	10.583	736	739	742	rBV2	74526	102298	3.76%	0.342%
42	10.641	742	744	745	rBV2	34069	40334	1.48%	0.135%
43	10.732	749	752	754	rBV2	1086732	1615540	59.40%	5.408%
44	10.846	760	762	766	rVB	242322	364836	13.42%	1.221%
45	11.178	787	791	794	rBV3	37847	108677	4.00%	0.364%
46	11.281	798	800	802	rVV2	85065	136457	5.02%	0.457%
47	11.315	802	803	807	rVB2	106267	106232	3.91%	0.356%
48	11.429	810	813	818	rBV2	446027	854228	31.41%	2.859%
49	11.715	836	838	840	rVB	109202	95988	3.53%	0.321%
50	11.932	855	857	858	rBV	38560	72995	2.68%	0.244%
51	11.955	858	859	862	rVV	176066	222530	8.18%	0.745%
52	12.035	865	866	870	rVB	87895	139630	5.13%	0.467%
53	12.126	872	874	876	rVB	70680	68367	2.51%	0.229%
54	12.481	903	905	906	rBV	71963	82583	3.04%	0.276%
55	12.515	906	908	911	rVB2	90375	104256	3.83%	0.349%
56	12.641	917	919	922	rBV	346522	312087	11.48%	1.045%
57	12.835	934	936	937	rBV	81589	88266	3.25%	0.295%
58	12.869	937	939	942	rVB	336885	358592	13.19%	1.200%
59	13.018	949	952	955	rBV	2314782	2452225	90.17%	8.208%
60	13.247	970	972	975	rBV2	47402	84929	3.12%	0.284%
61	13.304	975	977	981	rVB	68102	92848	3.41%	0.311%
62	13.395	984	985	986	rVB	41569	28875	1.06%	0.097%
63	13.544	997	998	1000	rBV	59248	54689	2.01%	0.183%
64	13.589	1000	1002	1004	rBV3	50340	79639	2.93%	0.267%
65	13.921	1029	1031	1036	rVB	217637	284186	10.45%	0.951%
66	14.070	1041	1044	1051	rBV2	582815	1117998	41.11%	3.742%
67	14.458	1076	1078	1080	rVB	54637	64928	2.39%	0.217%
68	14.550	1084	1086	1088	rBV3	50491	82576	3.04%	0.276%
69	14.847	1109	1112	1117	rVB3	90360	176325	6.48%	0.590%
70	15.110	1133	1135	1140	rBV	254339	564443	20.75%	1.889%
71	15.224	1143	1145	1151	rVB	86398	176240	6.48%	0.590%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.418	1159	1162	1165	rVB	129295	220045	8.09%	0.737%
73	15.475	1165	1167	1170	rVV	197900	284547	10.46%	0.952%
74	15.544	1170	1173	1182	rVB2	359479	745225	27.40%	2.494%
75	16.013	1212	1214	1216	rVB2	35274	50696	1.86%	0.170%
76	16.653	1268	1270	1280	rVB6	50807	155837	5.73%	0.522%
77	16.996	1296	1300	1305	rVB2	86141	217800	8.01%	0.729%
78	17.178	1313	1316	1318	rBV	23603	57681	2.12%	0.193%
79	17.236	1318	1321	1324	rVB2	26614	61150	2.25%	0.205%
80	17.430	1334	1338	1343	rBV	84697	211813	7.79%	0.709%
81	17.567	1348	1350	1356	rVB6	25489	71456	2.63%	0.239%
82	18.584	1436	1439	1442	rBV4	12411	37878	1.39%	0.127%
83	19.636	1527	1531	1543	rVB4	21211	119355	4.39%	0.400%
84	19.864	1546	1551	1553	rBV3	10338	36182	1.33%	0.121%

Sum of corrected areas: 29875432

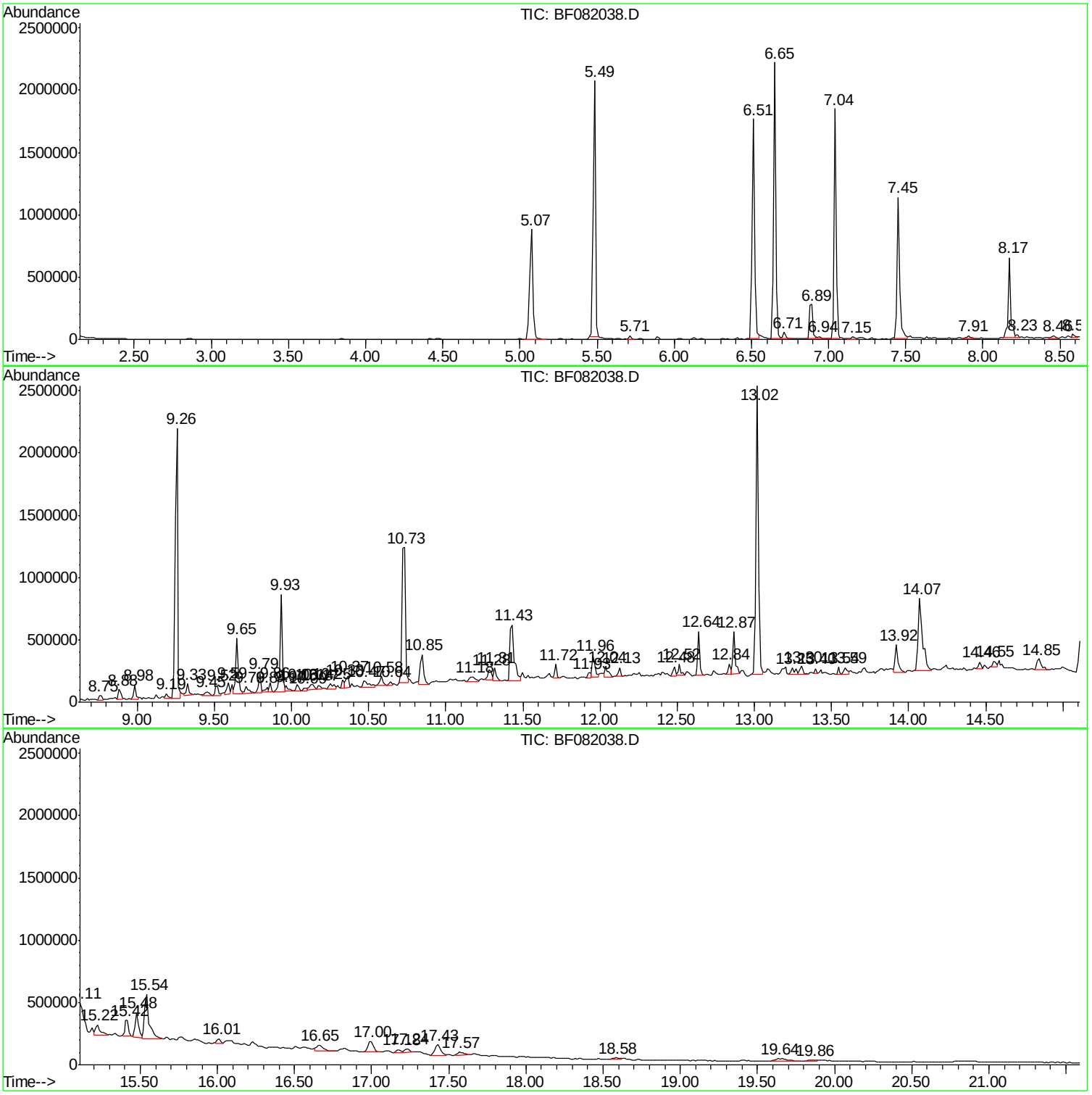
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

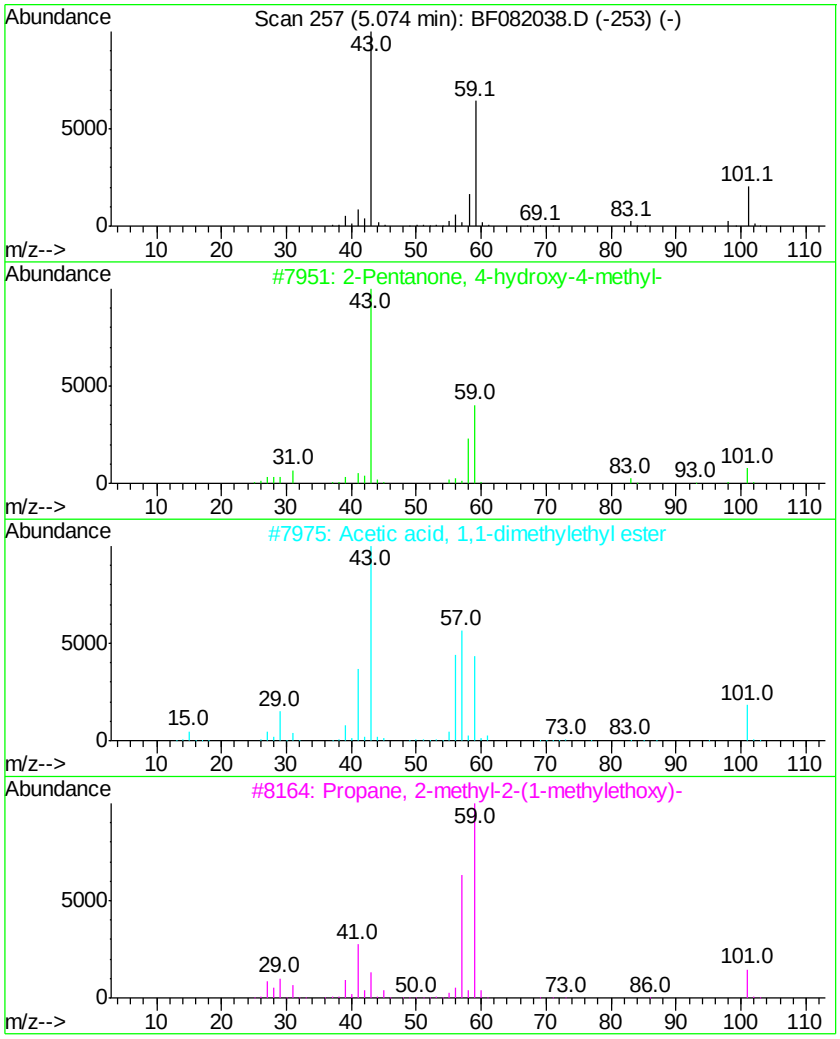
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

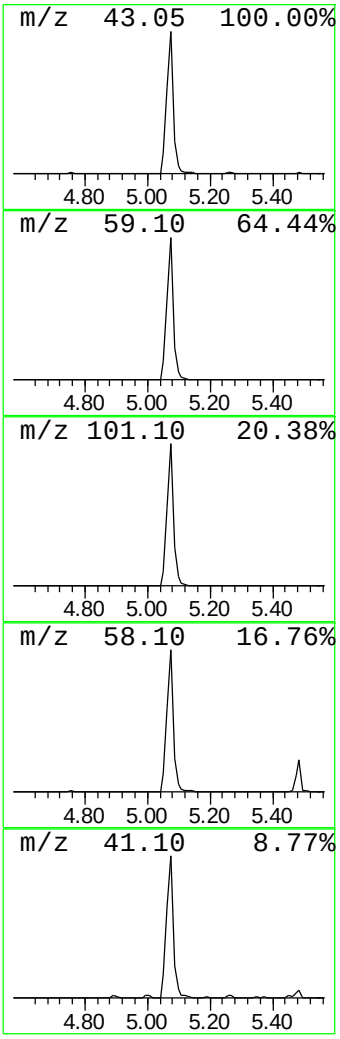
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	60.81 ng	1234620	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

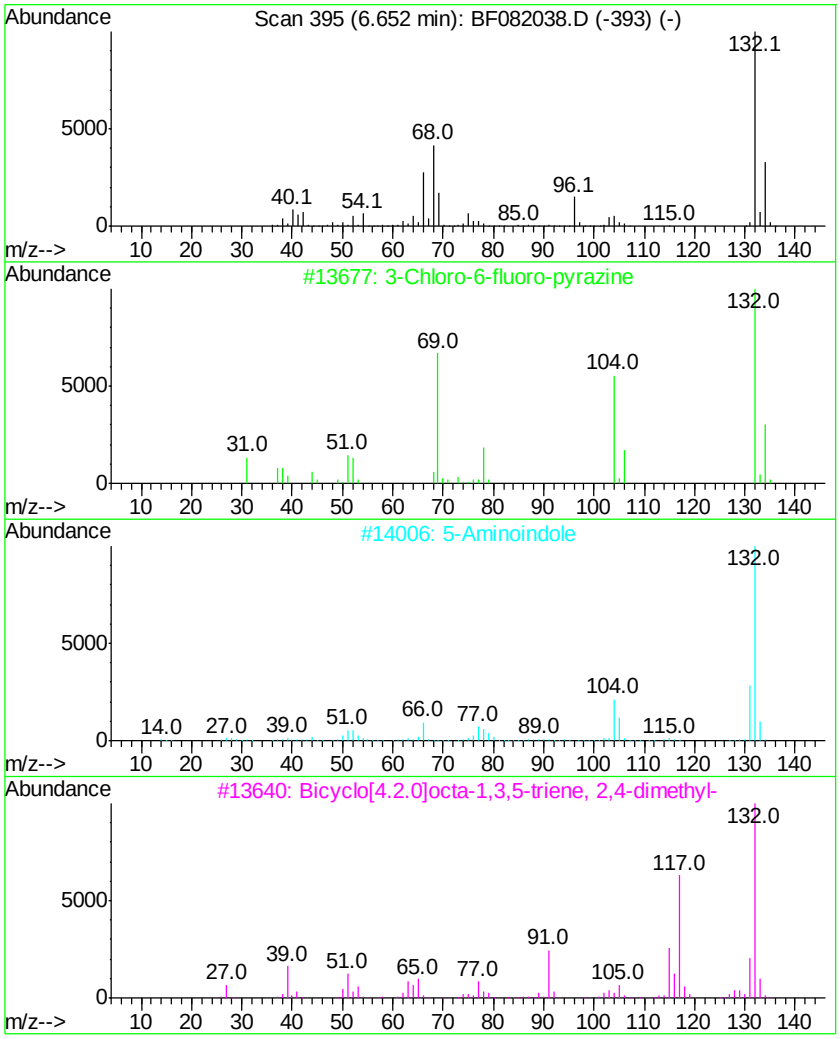
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

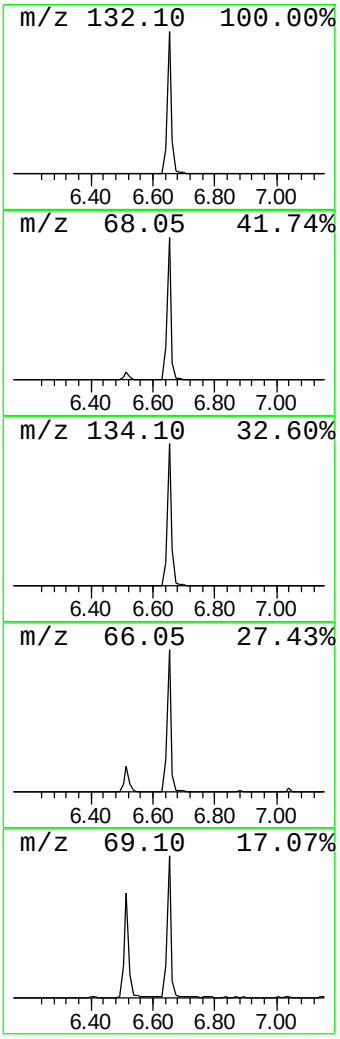
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	104.12 ng	2113940	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

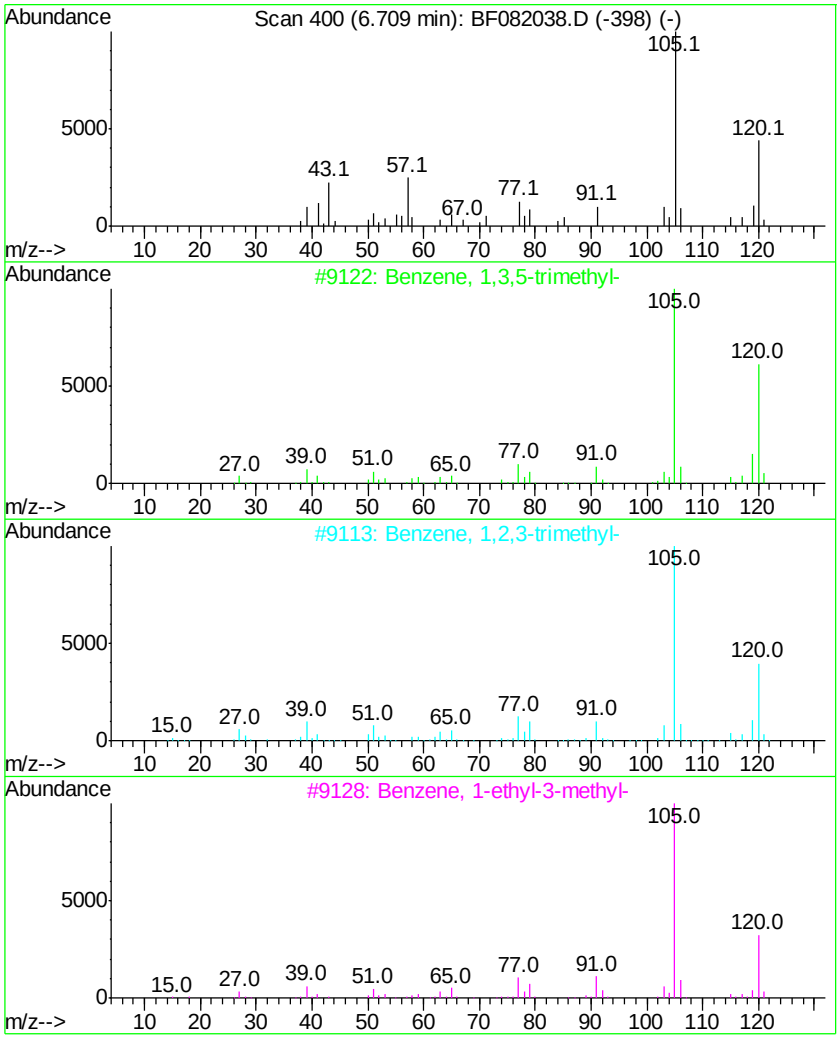
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

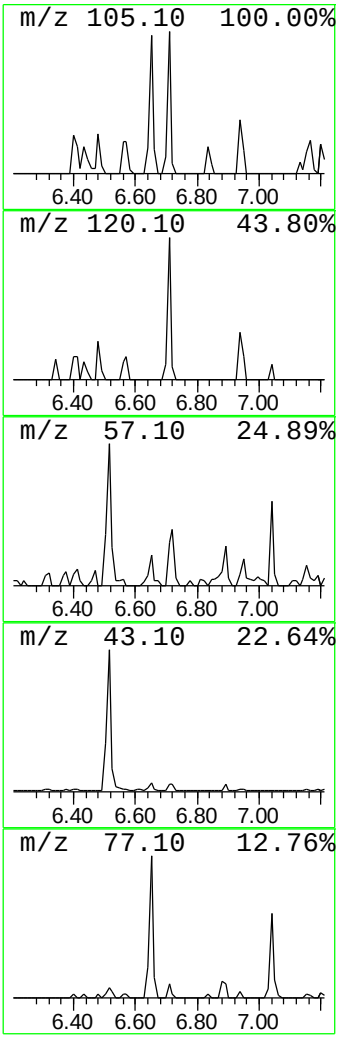
****

Peak Number 3 Benzene, 1,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	2.98 ng	60411	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

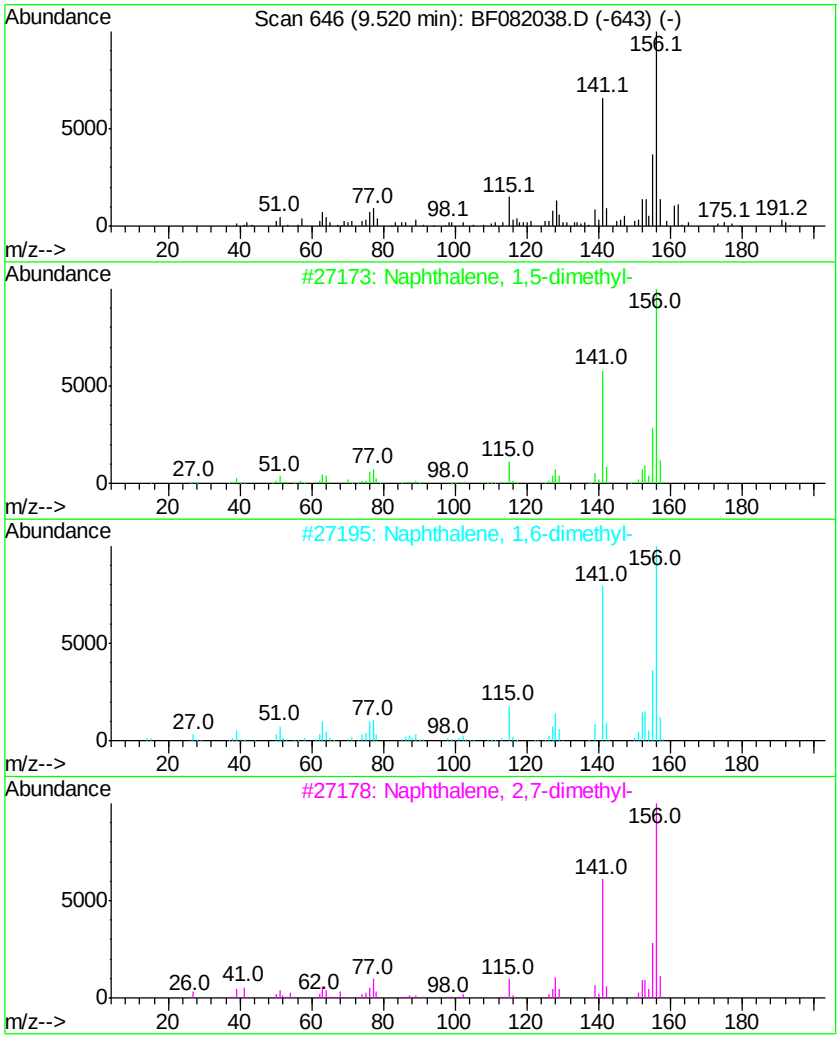
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

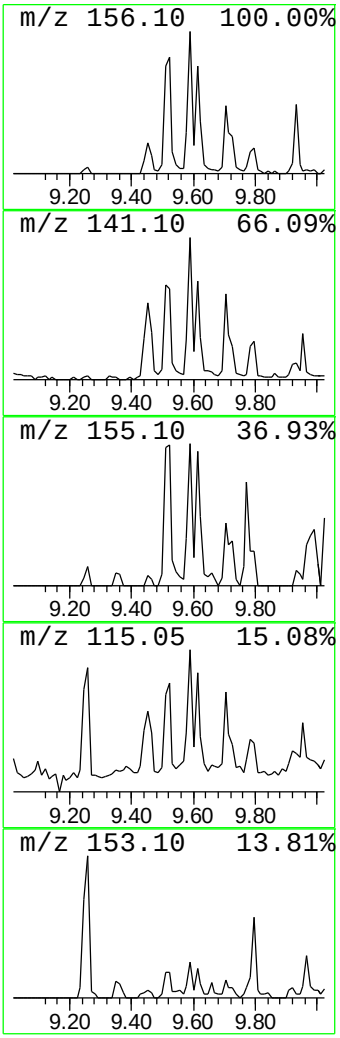
****

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.29 ng	125578	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

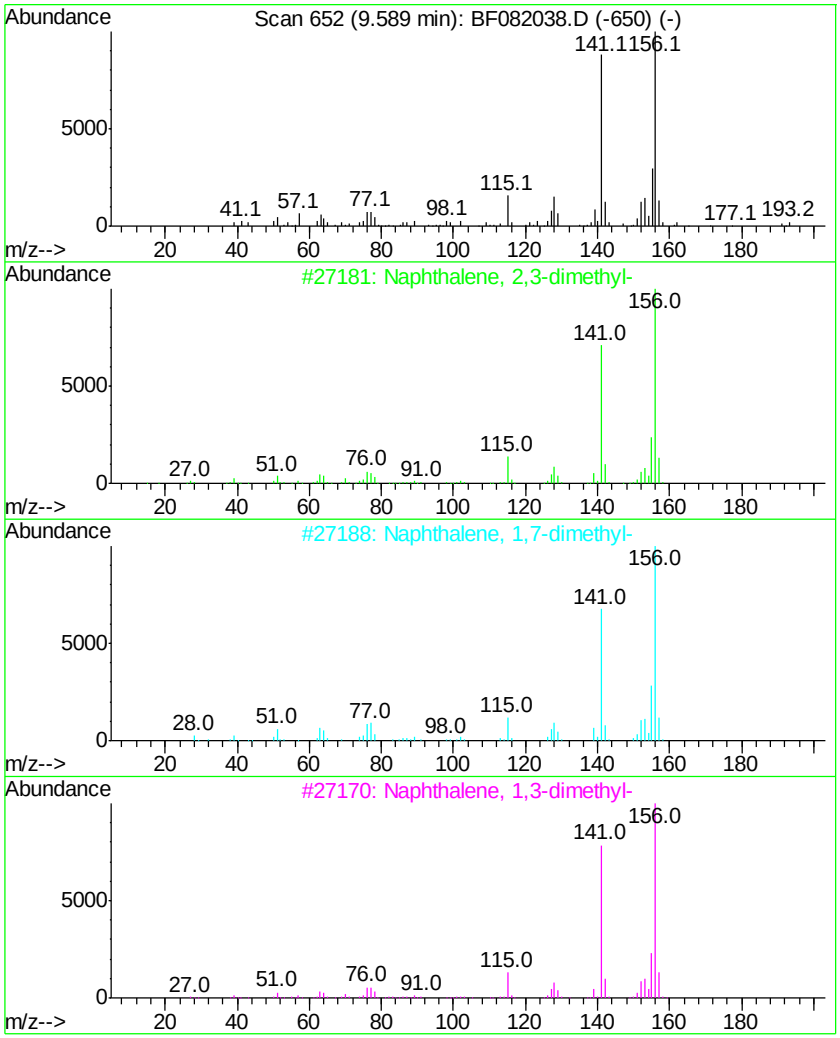
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

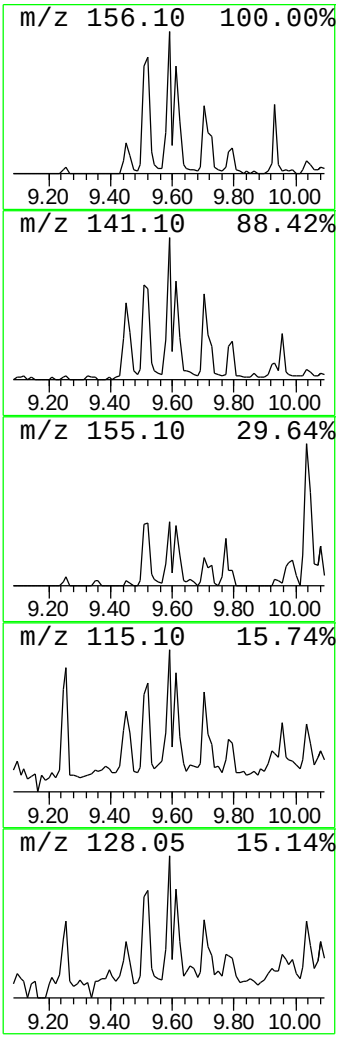
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.74 ng	104400	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
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	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

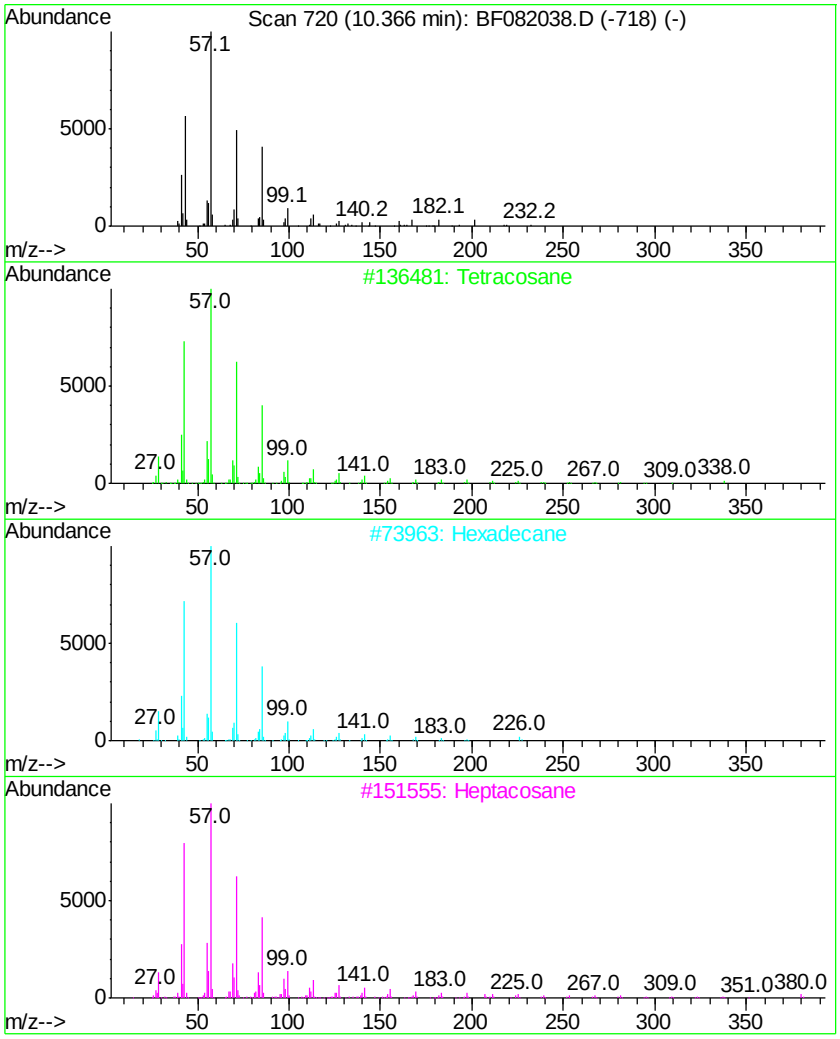
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

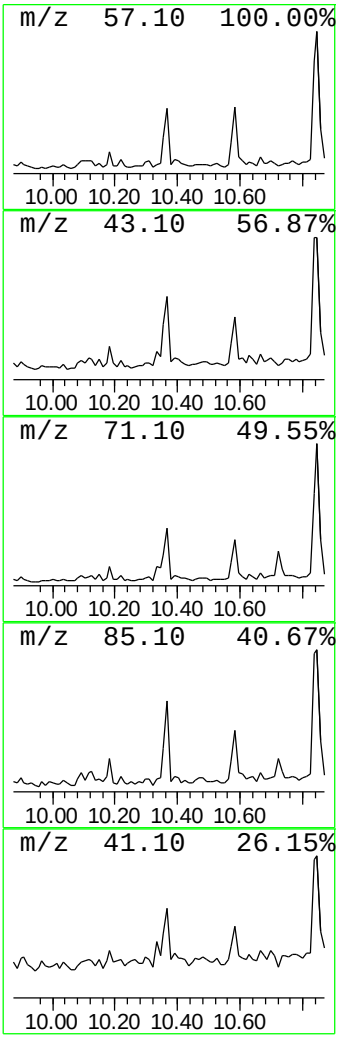
****

Peak Number 8 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.95 ng	112611	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Hexadecane	226	C16H34	000544-76-3	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

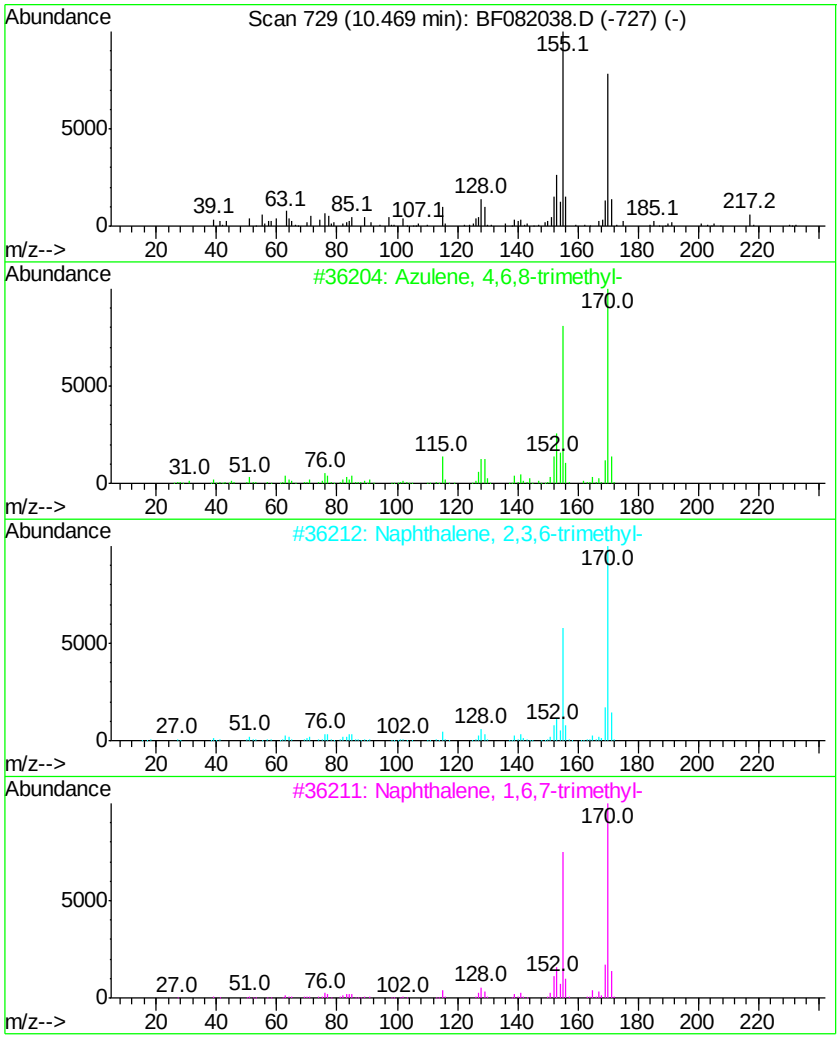
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

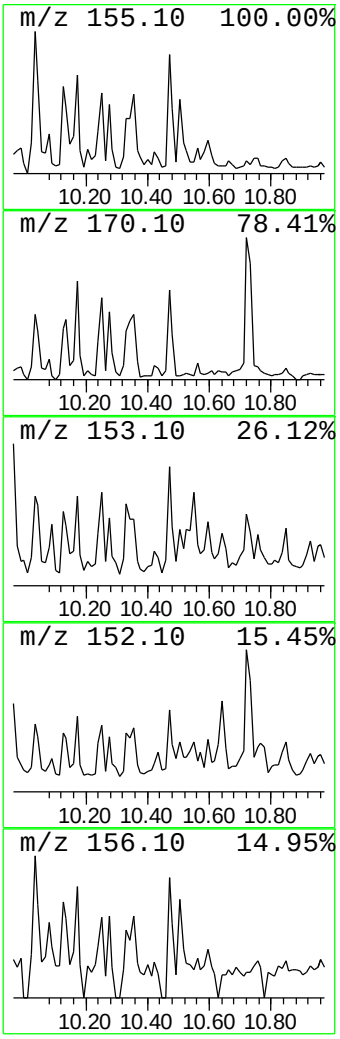
****

Peak Number 9 Azulene, 4,6,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.20 ng	121895	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

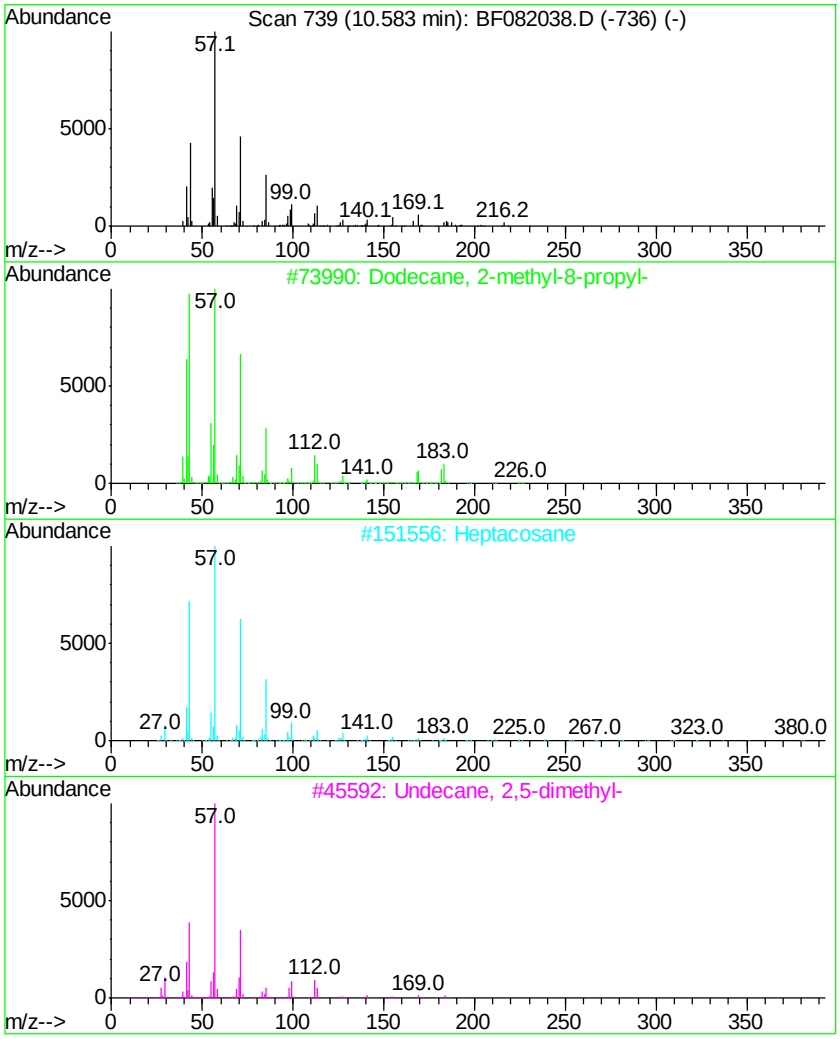
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

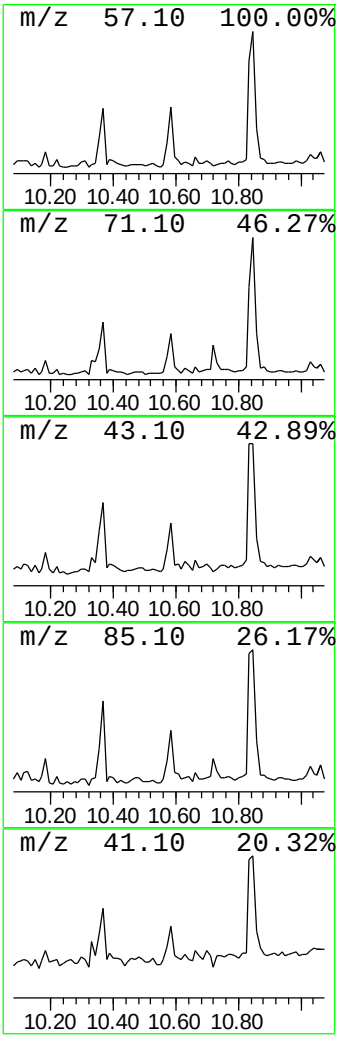
****

Peak Number 10 Dodecane, 2-methyl-8-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.68 ng	102298	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
2	Heptacosane	380	C27H56	000593-49-7	72
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5	Octacosane	394	C28H58	000630-02-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

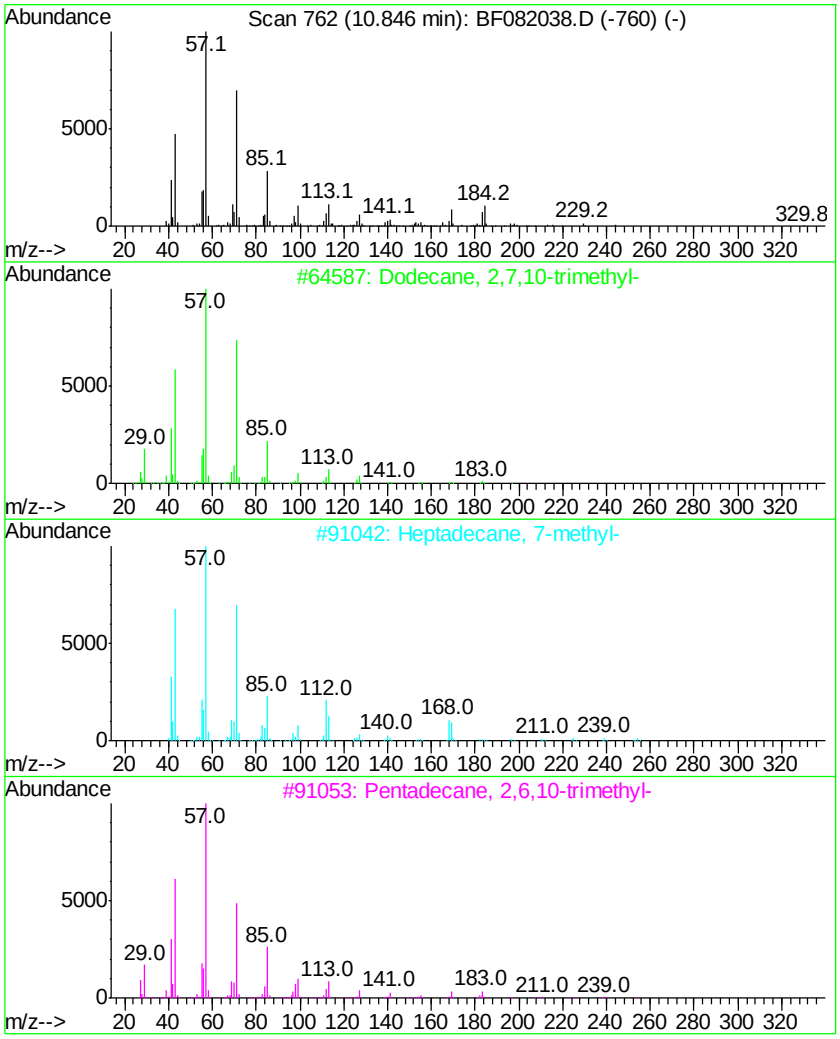
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

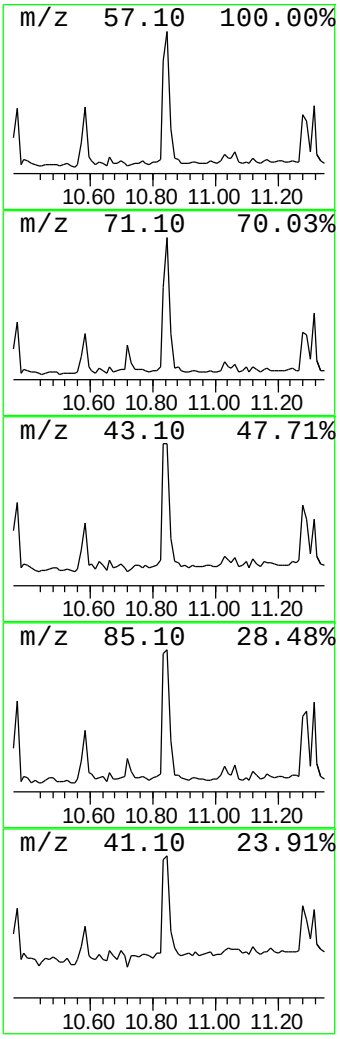
****

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	8.54 ng	364836	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

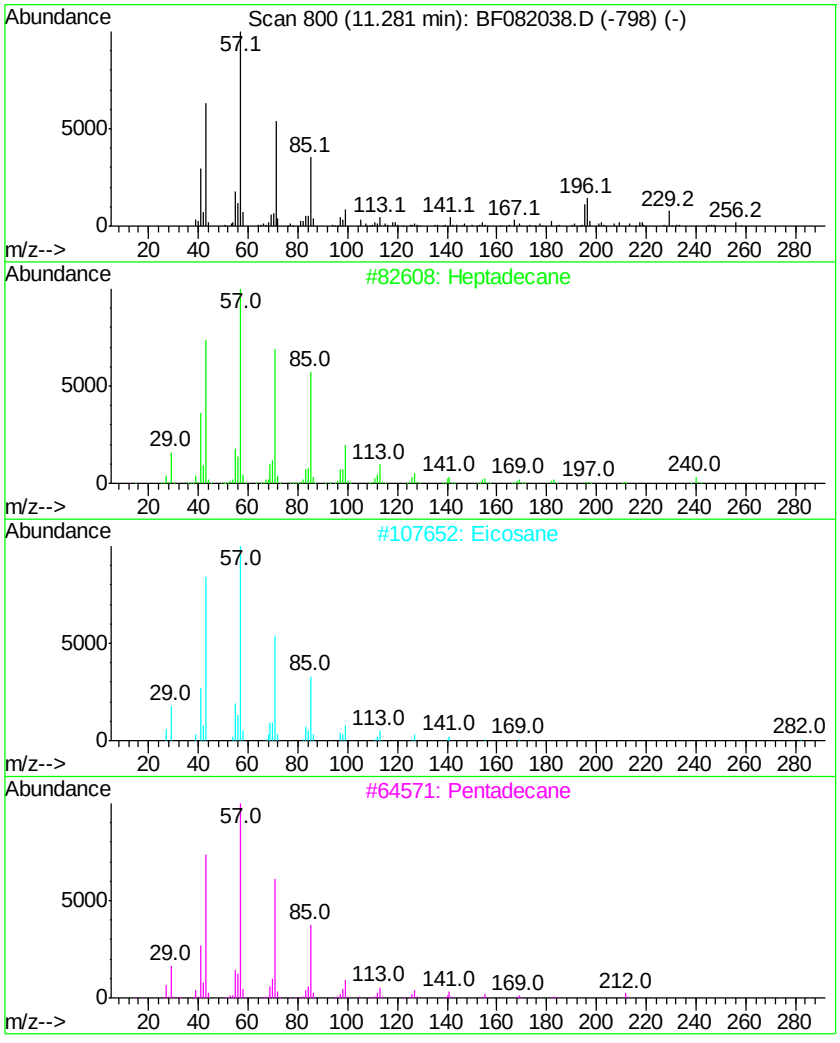
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

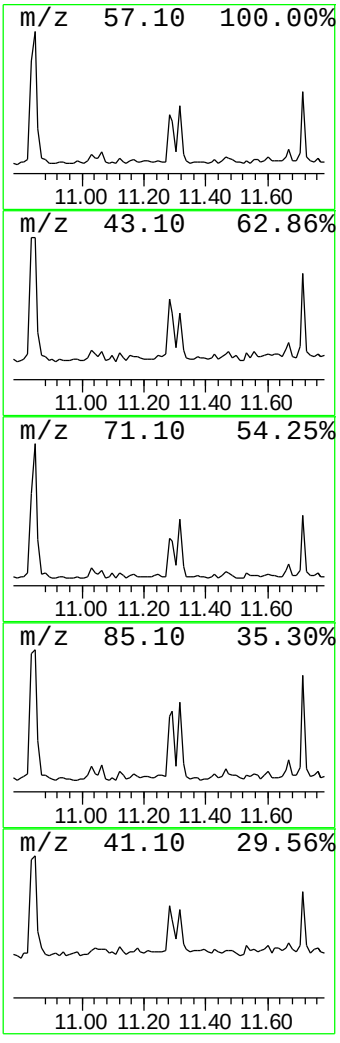
****

Peak Number 12 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	3.19 ng	136457	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Eicosane	282	C20H42	000112-95-8	68
3	Pentadecane	212	C15H32	000629-62-9	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5	Heptacosane	380	C27H56	000593-49-7	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

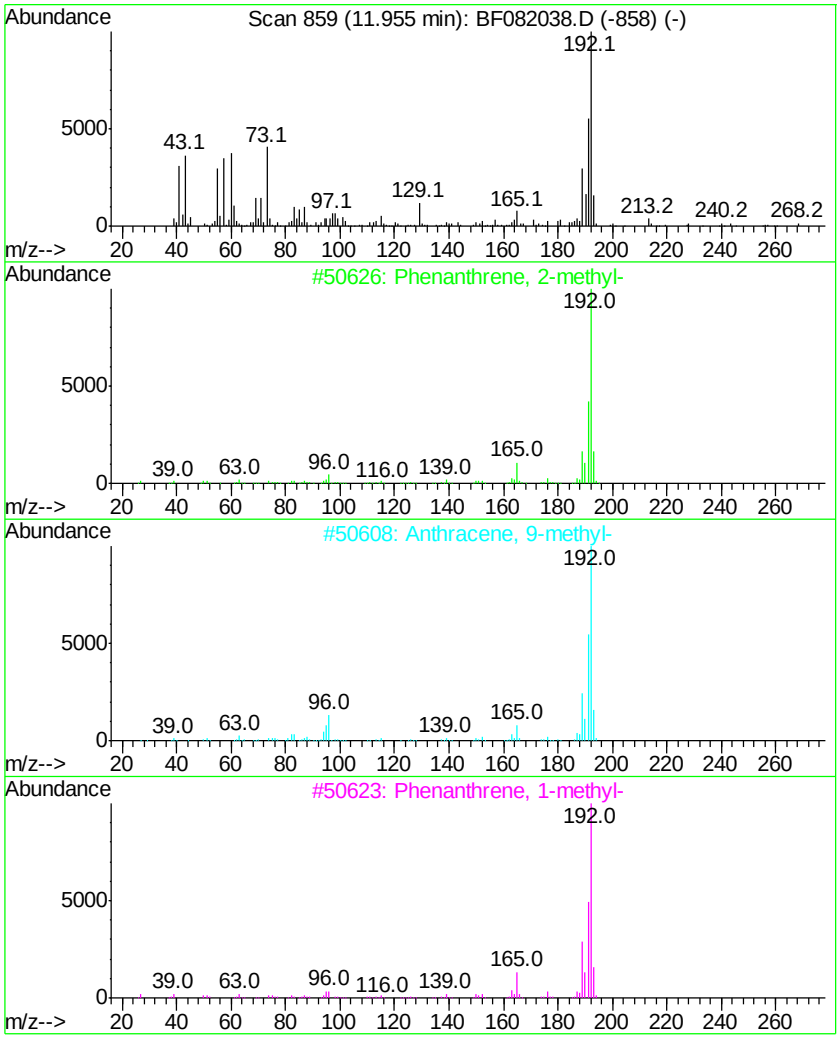
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

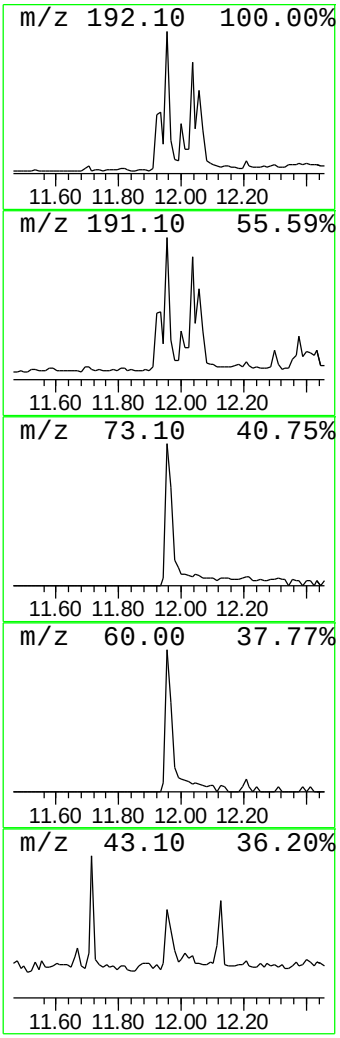
****

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.21 ng	222530	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

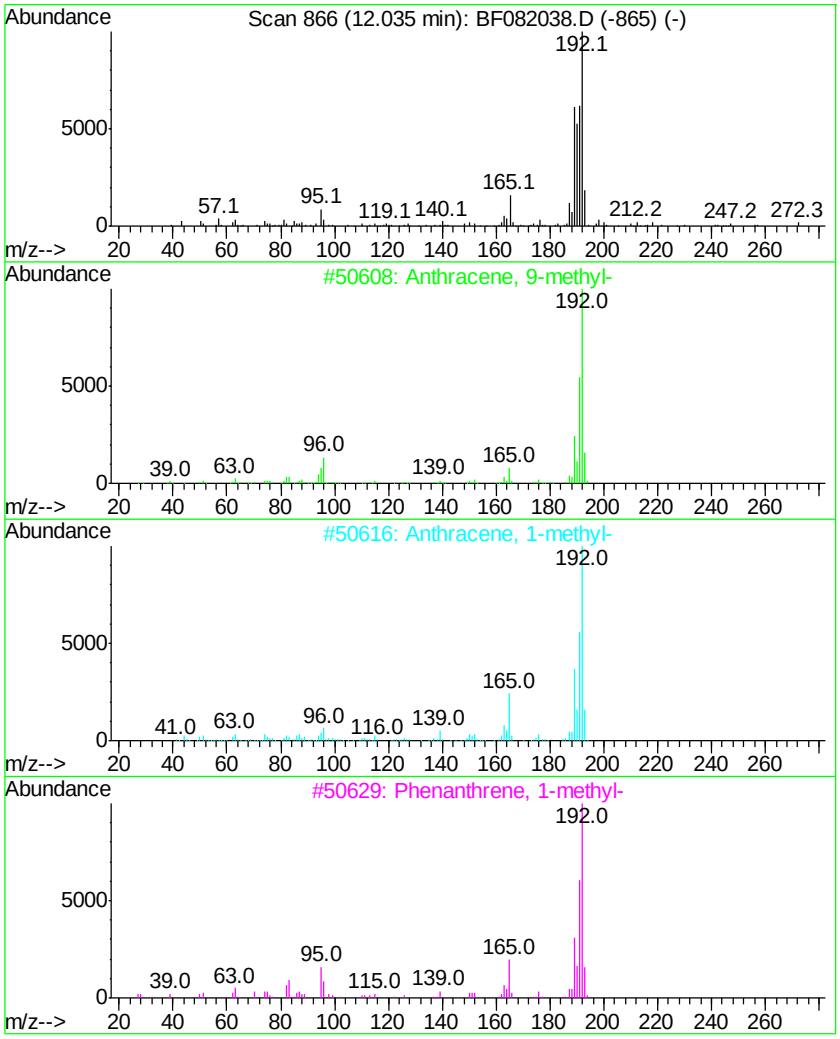
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

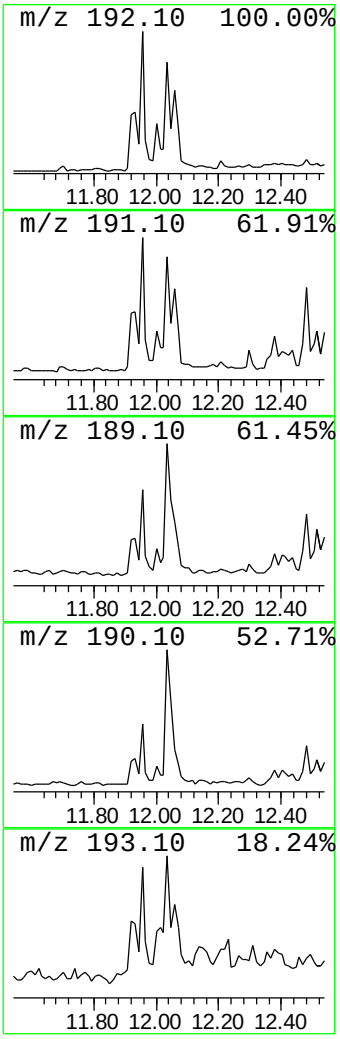
****

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.27 ng	139630	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

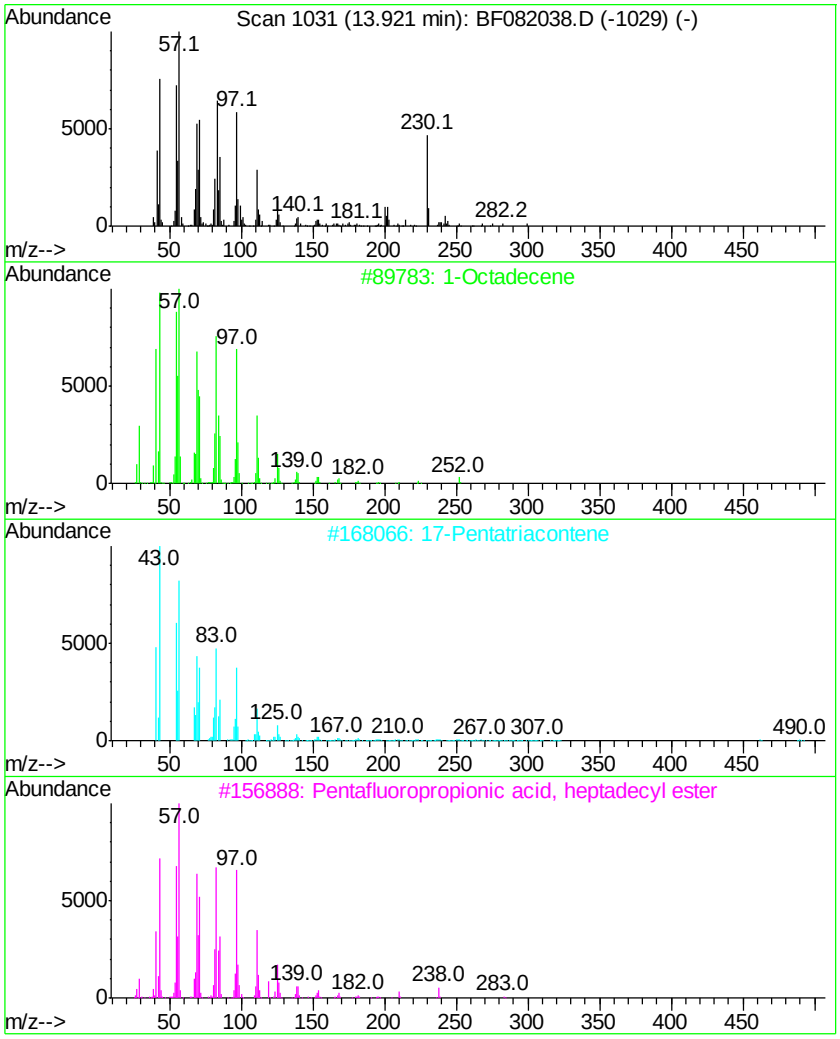
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

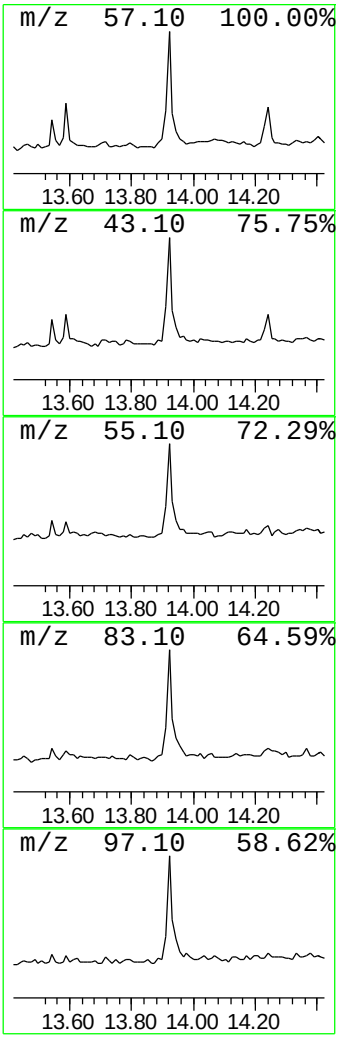
****

Peak Number 15 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.08 ng	284186	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	83
2	17-Pentatriacontene	491	C35H70	006971-40-0	70
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

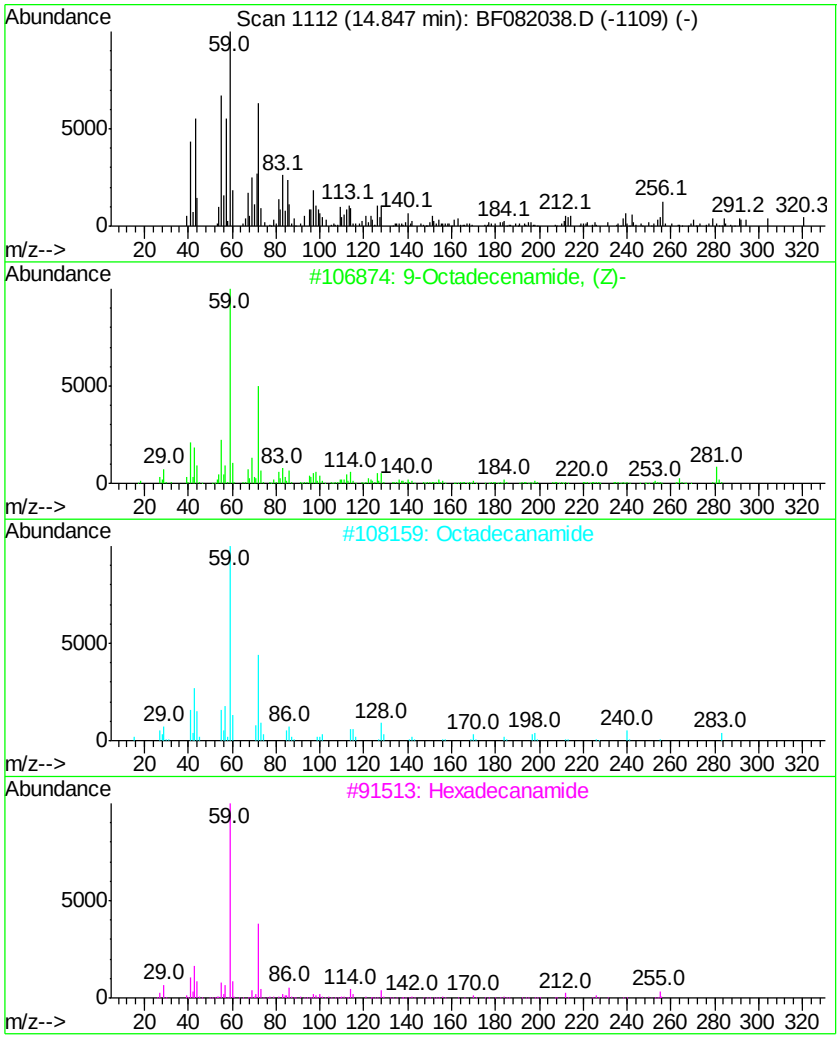
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

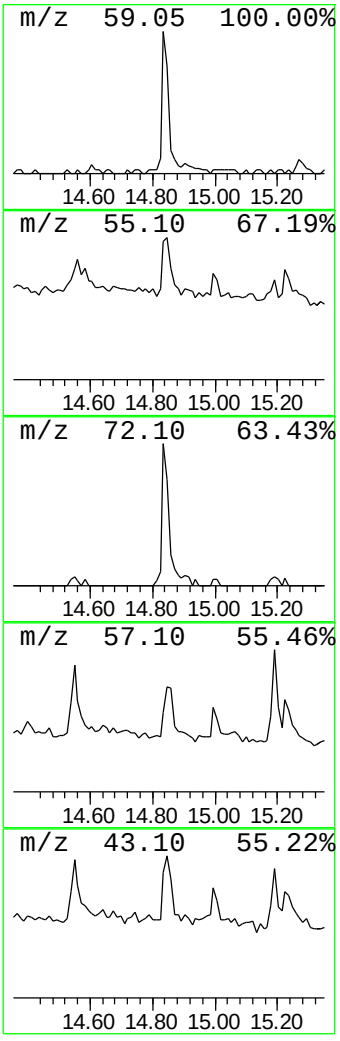
****

Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	4.73 ng	176325	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Octadecanamide	283	C18H37NO	000124-26-5	59
3	Hexadecanamide	255	C16H33NO	000629-54-9	58
4	d,l-trans-4-Methyl-5-methoxy-1-(...	184	C11H20O2	1000101-22-2	38
5	Cyclopentanecarboxamide	113	C6H11NO	003217-94-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

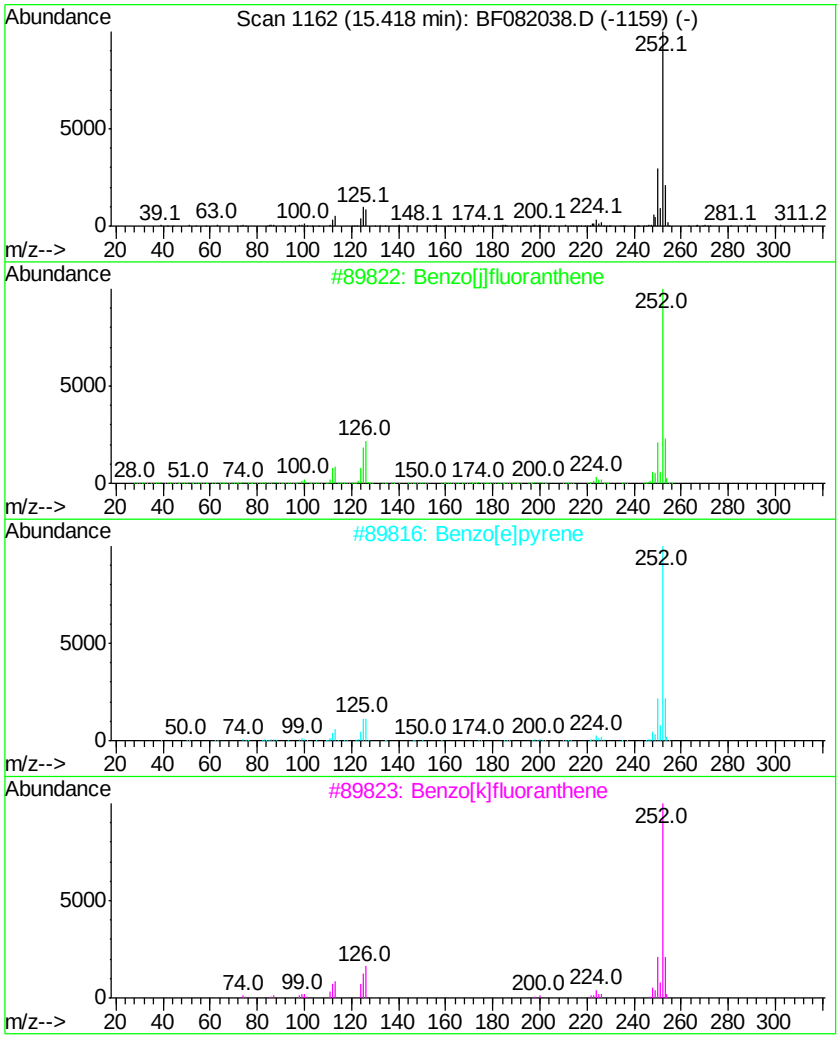
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

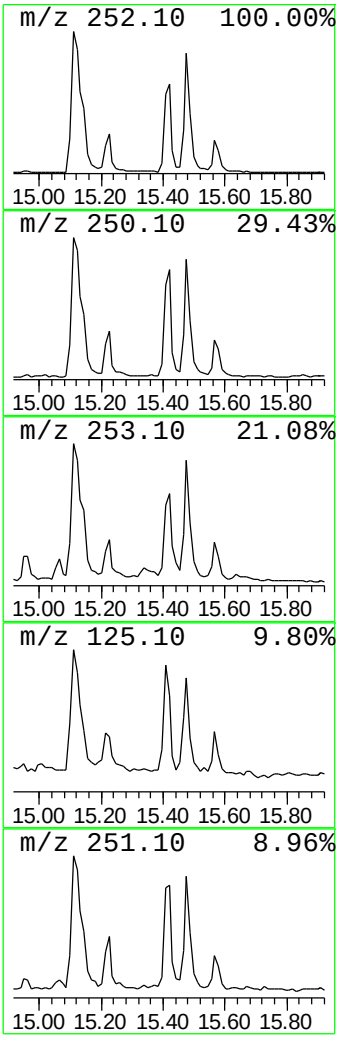
****

Peak Number 18 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	5.91 ng	220045	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

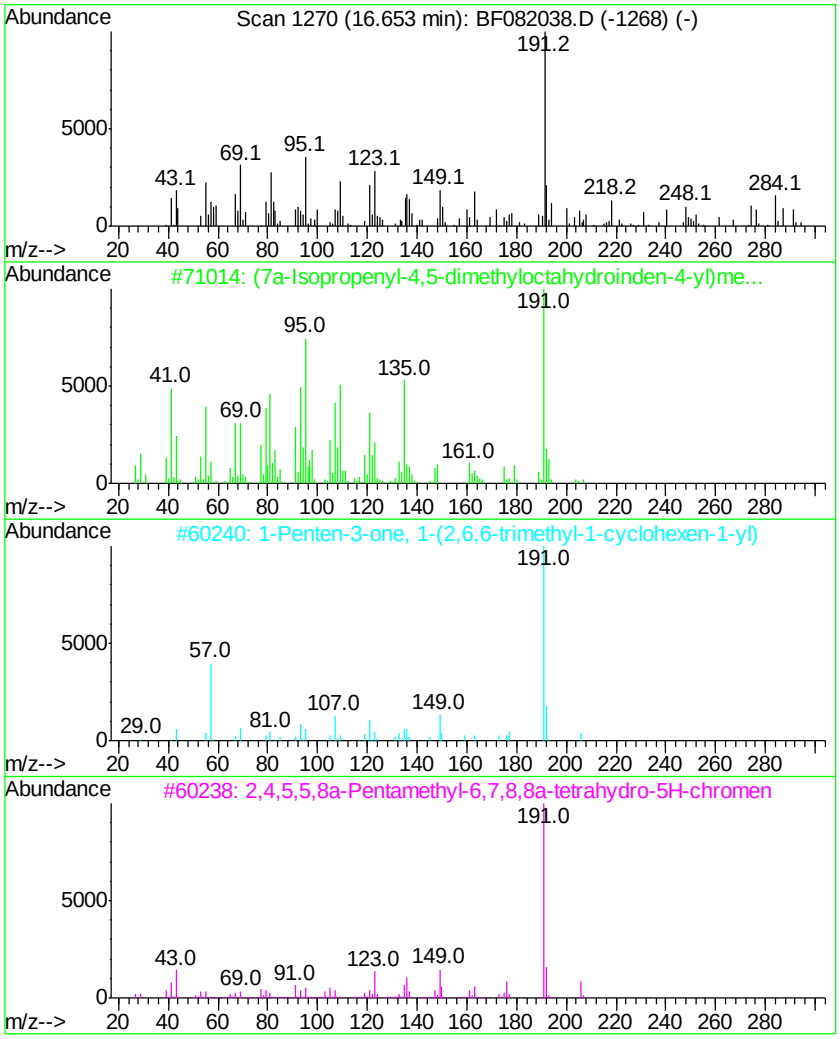
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

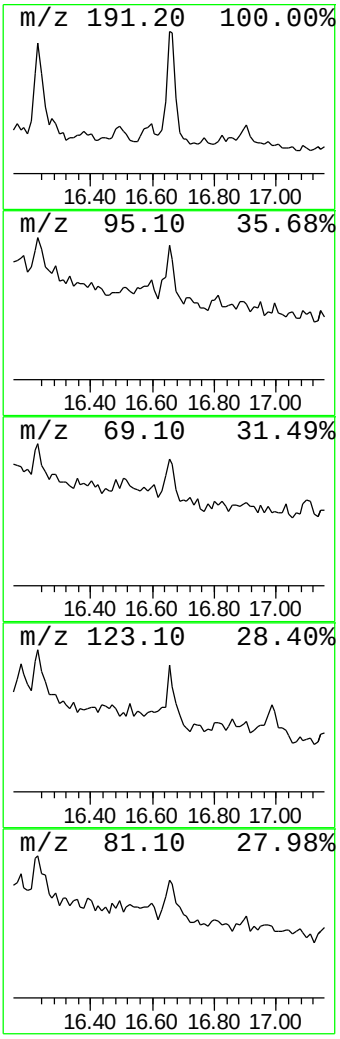
****

Peak Number 19 unknown16.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.18 ng	155837	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7a-Isopropenyl-4,5-dimethyloctahydroinden-4-yl)me...	222	C15H26O	1000187-02-9	42
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
4	N,N-Tetramethylene-3,4-dimethoxy...	261	C15H19NO3	327079-67-4	35
5	Anthracene, 9-heptyl-	276	C21H24	1000157-50-3	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

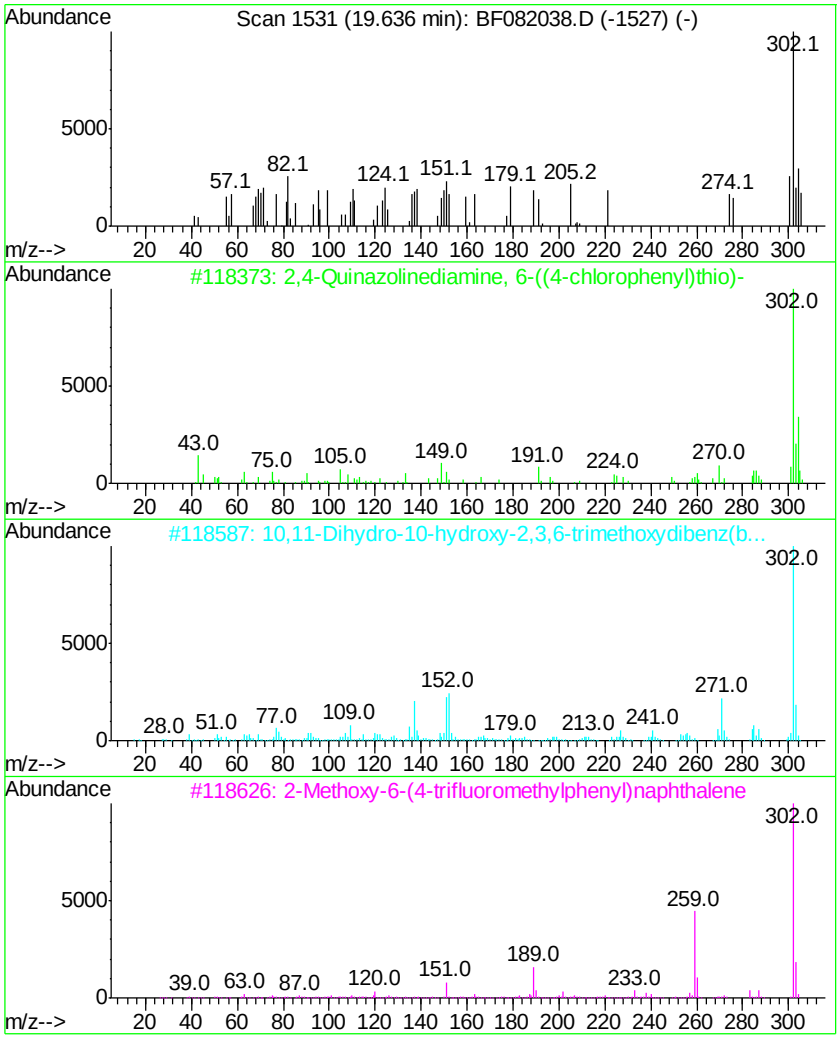
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

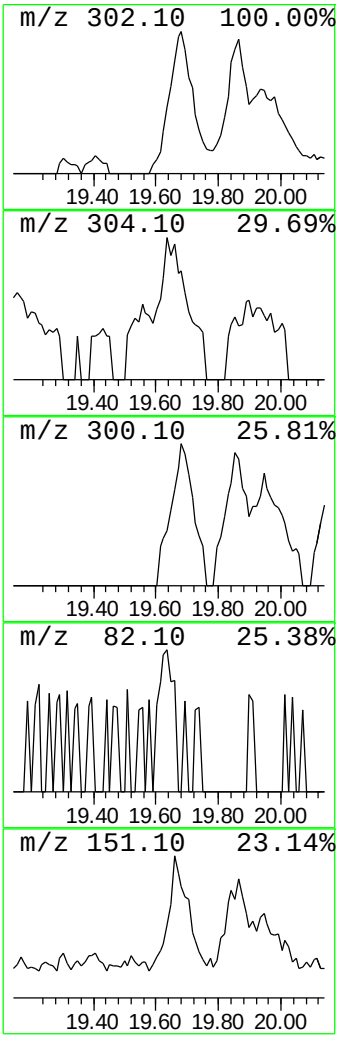
****

Peak Number 20 unknown19.64 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	3.20 ng	119355	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	43
2	10,11-Dihydro-10-hydroxy-2,3,6-t...	302	C17H18O5	019172-35-1	43
3	2-Methoxy-6-(4-trifluoromethylph...	302	C18H13F3O	161980-15-0	38
4	2H-1-Benzopyran-2-one, 7-(3-meth...	302	C19H14N2O2	006025-18-9	38
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082038.D
Acq On : 3 Oct 2015 23:24
Operator : UM/IZ
Sample : G3867-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-3.0-3.5-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	60.8	ng	1234620	1	6.89	406057	20.0
unknown6.65	6.65	104.1	ng	2113940	1	6.89	406057	20.0
Benzene, 1,3,5-tr...	6.71	3.0	ng	60411	1	6.89	406057	20.0
Naphthalene, 1,5-...	9.52	3.3	ng	125578	3	9.93	762950	20.0
Naphthalene, 2,3-...	9.59	2.7	ng	104400	3	9.93	762950	20.0
Tetracosane	10.37	3.0	ng	112611	3	9.93	762950	20.0
Azulene, 4,6,8-tr...	10.47	3.2	ng	121895	3	9.93	762950	20.0
Dodecane, 2-methy...	10.58	2.7	ng	102298	3	9.93	762950	20.0
Dodecane, 2,7,10-...	10.85	8.5	ng	364836	4	11.43	854228	20.0
Heptadecane	11.28	3.2	ng	136457	4	11.43	854228	20.0
Phenanthrene, 2-m...	11.96	5.2	ng	222530	4	11.43	854228	20.0
Anthracene, 9-met...	12.04	3.3	ng	139630	4	11.43	854228	20.0
1-Octadecene	13.92	5.1	ng	284186	5	14.07	1118000	20.0
9-Octadecenamide,...	14.85	4.7	ng	176325	6	15.54	745225	20.0
Benzo[j]fluoranthene	15.42	5.9	ng	220045	6	15.54	745225	20.0
unknown16.65	16.65	4.2	ng	155837	6	15.54	745225	20.0
unknown19.64	19.64	3.2	ng	119355	6	15.54	745225	20.0