LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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-BF122116.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	2.378	38	43	48	rVB3	20106	63607	1.13%	0.065%
2	2.698	68	71	75	rVB	69063	124870	2.23%	0.127%
3	3.190	109	114	122	rBV	693681	1346802	24.01%	1.367%
4	3.384	128	131	135	rBV	70363	140789	2.51%	0.143%
5	4.664	240	243	247	rBV2	40708	72119	1.29%	0.073%
6	4.756	247	251	255	rVV	576449	887492	15.82%	0.901%
7	4.836	255	258	260	rVB	45069	72344	1.29%	0.073%
8	4.961	267	269	272	rBV	39367	57121	1.02%	0.058%
9	5.236	291	293	299	rBV	2323643	2653731	47.32%	2.694%
10	5.350	301	303	304	rVV	52788	75101	1.34%	0.076%
11	5.373	304	305	309	rVB2	66951	96646	1.72%	0.098%
12	5.453	309	312	316	rBV3	38243	84782	1.51%	0.086%
13	5.613	323	326	328	rBV2	81989	155209	2.77%	0.158%
14	5.647	328	329	333	rVV3	70492	105375	1.88%	0.107%
15	5.750	336	338	341	rBV2	89910	182477	3.25%	0.185%
16	5.864	346	348	351	rVB2	85238	140441	2.50%	0.143%
17	5.944	351	355	358	rBV2	73718	194979	3.48%	0.198%
18	6.047	361	364	365	rBV2	49357	93925	1.67%	0.095%
19	6.070	365	366	369	rVB2	63534	77617	1.38%	0.079%
20	6.139	369	372	378	rBV	155406	272090	4.85%	0.276%
21	6.253	378	382	384	rBV2	179808	355262	6.33%	0.361%
22	6.299	384	386	390	rVB	1120909	1579411	28.16%	1.604%
23	6.367	390	392	393	rBV2	43237	66552	1.19%	0.068%
24	6.402	393	395	398	rVB	3044654	3907038	69.66%	3.967%
25	6.482	400	402	403	rBV	85006	97018	1.73%	0.099%
26	6.504	403	404	407	rVB3	51372	76076	1.36%	0.077%
27	6.585	407	411	413	rBV3	155837	376718	6.72%	0.382%
28	6.630	413	415	418	rVB	933358	1050790	18.74%	1.067%
29	6.687	418	420	421	rBV2	49616	57222	1.02%	0.058%
30	6.790	426	429	431	rVV	3241090	4041657	72.06%	4.103%
31	6.847	432	434	435	rBV	73041	94367	1.68%	0.096%
32	6.882	435	437	442	rVB2	454225	602283	10.74%	0.611%
33	6.973	442	445	447	rBV	406164	548728	9.78%	0.557%
34	7.019	447	449	451	rBV	206073	194839	3.47%	0.198%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.202	459	465	469	rBV2	3057323	5608542	100.00%	5.694%
36	7.282	469	472	474	rVB2	358414	438474	7.82%	0.445%
37	7.327	474	476	477	rBV	274685	295040	5.26%	0.300%
38	7.362	477	479	480	rVB2	78793	87386	1.56%	0.089%
39	7.407	480	483	485	rBV	1018438	1228413	21.90%	1.247%
40	7.499	488	491	492	rBV2	118345	199293	3.55%	0.202%
41	7.556	492	496	497	rBV2	384029	682541	12.17%	0.693%
42	7.659	502	505	507	rBV	1758679	2165985	38.62%	2.199%
43	7.693	507	508	510	rVB2	88919	100243	1.79%	0.102%
44	7.750	510	513	515	rBV2	596748	873324	15.57%	0.887%
45	7.807	515	518	521	rBV2	329126	678875	12.10%	0.689%
46	7.853	521	522	523	rBV	259258	271383	4.84%	0.276%
47	7.922	523	528	531	rBV3	1583013	2914624	51.97%	2.959%
48	8.013	534	536	538	rVB2	210512	351775	6.27%	0.357%
49	8.082	541	542	544	rBV2	162863	271463	4.84%	0.276%
50	8.127	544	546	548	rVB2	259015	311853	5.56%	0.317%
51	8.162	548	549	551	rBV2	293693	450691	8.04%	0.458%
52	8.208	551	553	555	rVB2	282112	428991	7.65%	0.436%
53	8.310	555	562	564	rBV6	418215	1010401	18.02%	1.026%
54	8.356	564	566	568	rBV2	1101859	1681933	29.99%	1.708%
55	8.425	570	572	574	rVB2	309323	311902	5.56%	0.317%
56	8.459	574	575	579	rBV4	165216	372647	6.64%	0.378%
57	8.585	583	586	587	rVV2	566513	874072	15.58%	0.887%
58	8.619	587	589	591	rVB	594575	773490	13.79%	0.785%
59	8.733	591	599	603	rBV	2534551	4881380	87.03%	4.956%
60	8.916	612	615	616	rBV3	258082	471396	8.40%	0.479%
61	8.962	616	619	620	rVV	1208329	1629195	29.05%	1.654%
62	9.008	620	623	624	rVB	4603607	5559346	99.12%	5.644%
63	9.030	624	625	626	rBV	153302	123557	2.20%	0.125%
64	9.076	627	629	631	rBV2	454013	717219	12.79%	0.728%
65	9.270	643	646	648	rBV2	656759	1117409	19.92%	1.134%
66	9.339	650	652	653	rVV	1254346	1532755	27.33%	1.556%
67	9.385	654	656	657	rVV2	869576	1335753	23.82%	1.356%
68	9.408	657	658	660	rVV2	1168751	1724119	30.74%	1.750%
69	9.453	660	662	665	rVV2	578231	1023271	18.24%	1.039%
70	9.533	667	669	672	rVV2	426326	953147	16.99%	0.968%
71	9.671	675	681	683	rBV2	1290402	3149083	56.15%	3.197%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.739	683	687	688	rVB3	583837	1030991	18.38%	1.047%
73	9.876	697	699	702	rVB3	358157	497171	8.86%	0.505%
74	10.002	708	710	711	rBV2	405213	675316	12.04%	0.686%
75	10.048	711	714	715	rVV	1604095	2628013	46.86%	2.668%
76	10.071	715	716	718	rVB2	501842	670772	11.96%	0.681%
77	10.219	726	729	732	rVV4	758822	1526897	27.22%	1.550%
78	10.276	732	734	736	rVV2	457168	713118	12.71%	0.724%
79	10.333	738	739	742	rVB	655115	884047	15.76%	0.898%
80	10.425	745	747	748	rBV	425321	484877	8.65%	0.492%
81	10.471	748	751	754	rVV2	2748665	4518795	80.57%	4.588%
82	10.528	754	756	760	rVV3	663405	1510231	26.93%	1.533%
83	10.608	760	763	766	rVB2	1410865	2335676	41.64%	2.371%
84	11.008	796	798	802	rBV3	344817	546786	9.75%	0.555%
85	11.065	802	803	807	rVB	352832	322896	5.76%	0.328%
86	11.156	808	811	813	rVV	1453181	1364994	24.34%	1.386%
87	11.214	813	816	819	rVB2	382411	722048	12.87%	0.733%
88	11.568	845	847	850	rVB2	346228	488226	8.71%	0.496%
89	11.716	858	860	865	rVB	539262	600508	10.71%	0.610%
90	11.934	876	879	882	rBV	1393424	2016967	35.96%	2.048%
91	12.494	926	928	934	rVB	654115	691767	12.33%	0.702%
92	12.745	947	950	953	rVB	4029979	4979728	88.79%	5.056%
93	13.317	998	1000	1003	rBV	494390	625779	11.16%	0.635%
94	13.648	1027	1029	1035	rBV2	85711	132302	2.36%	0.134%
95	13.785	1039	1041	1044	rVV	1149072	1144233	20.40%	1.162%
96	15.157	1159	1161	1164	rBV	607242	835360	14.89%	0.848%

Sum of corrected areas: 98493947

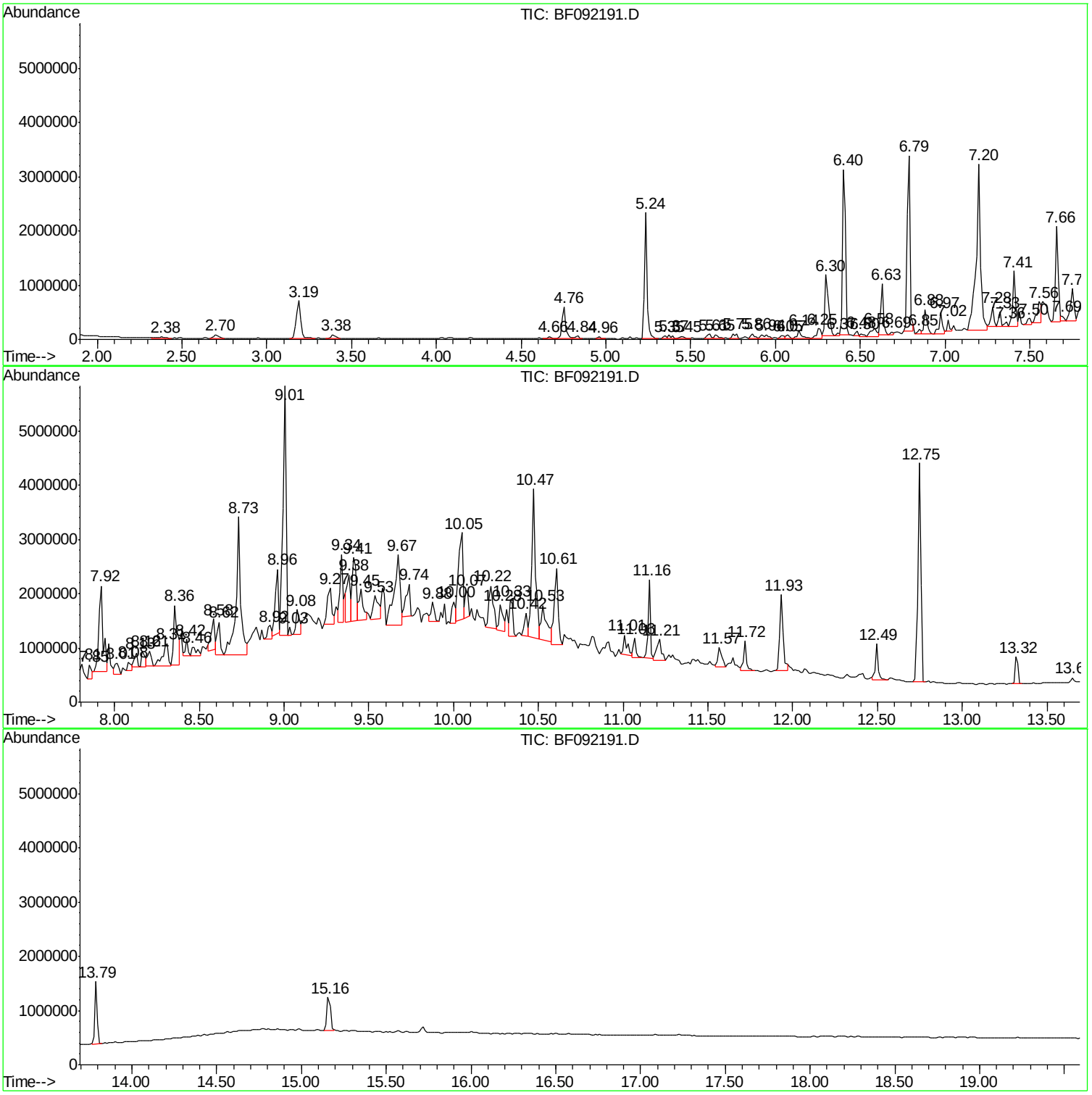
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

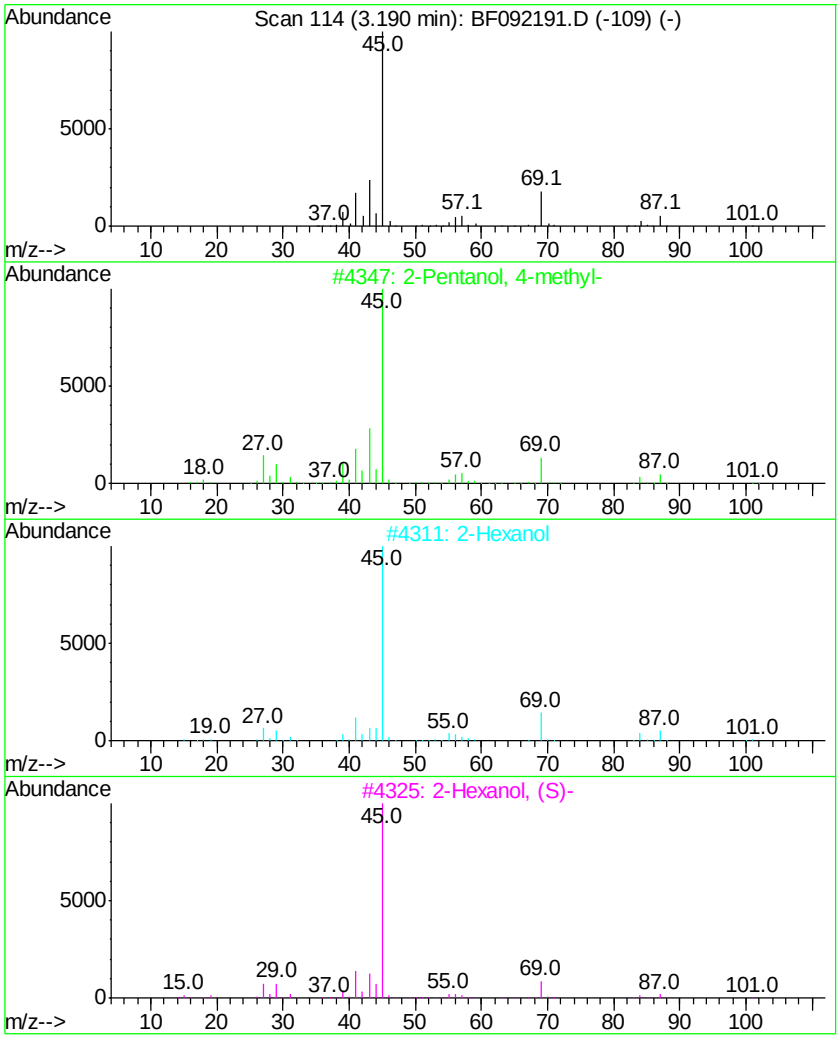
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

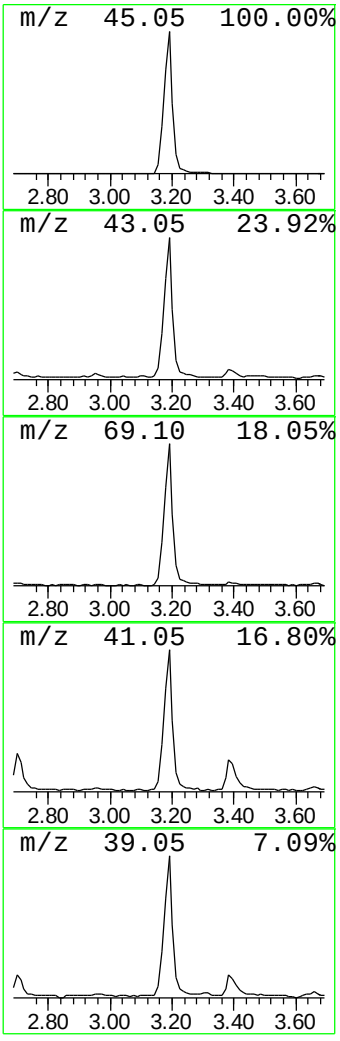
****

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	25.63 ng	1346800	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	2-Heptanol	116	C7H16O	000543-49-7	39
5	Diisopropyl ether	102	C6H14O	000108-20-3	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

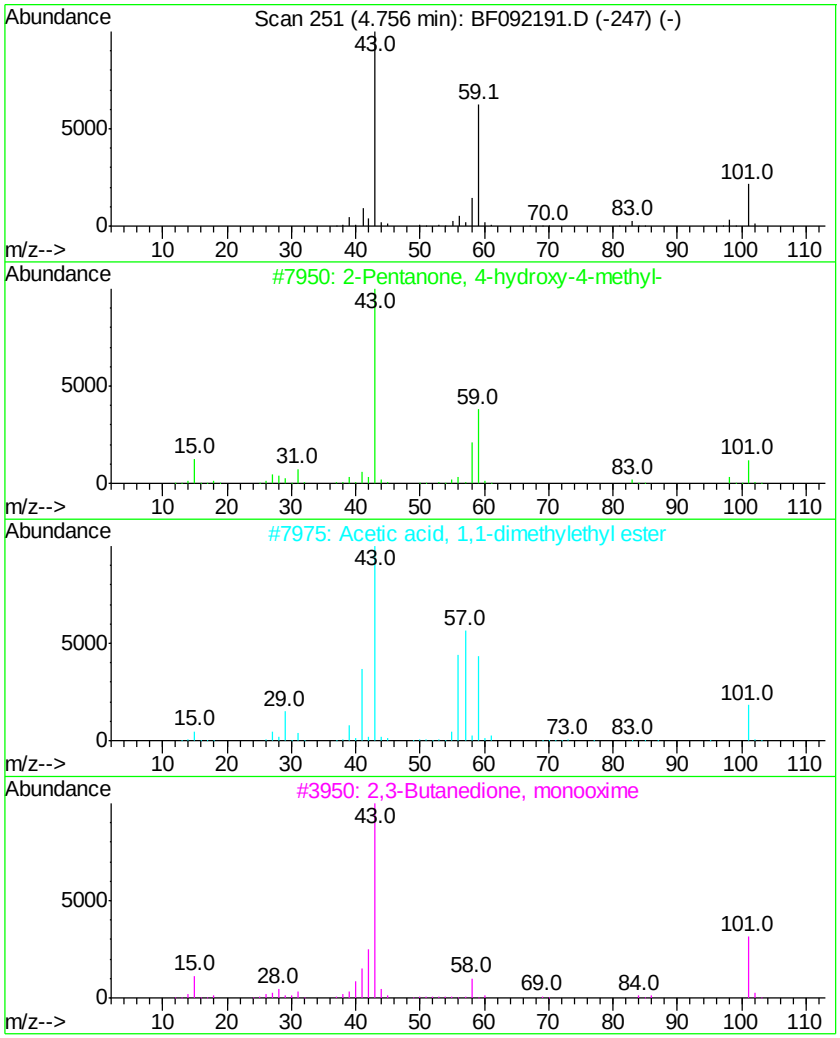
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

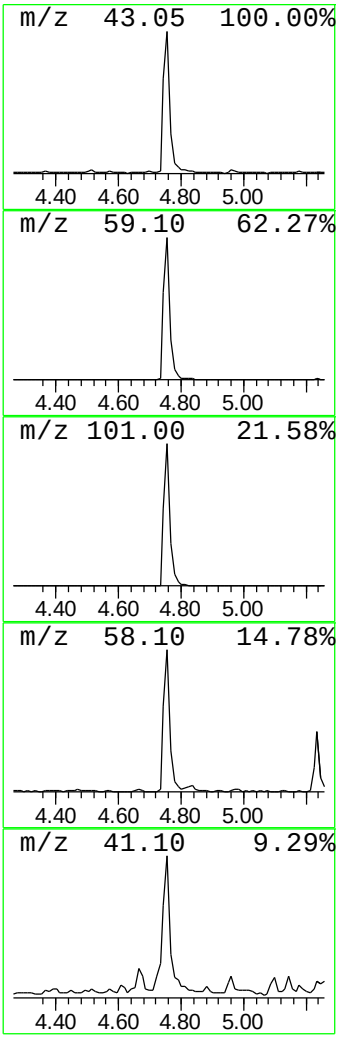
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	16.89 ng	887492	1,4-Dichlorobenzene-d4	6.63

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

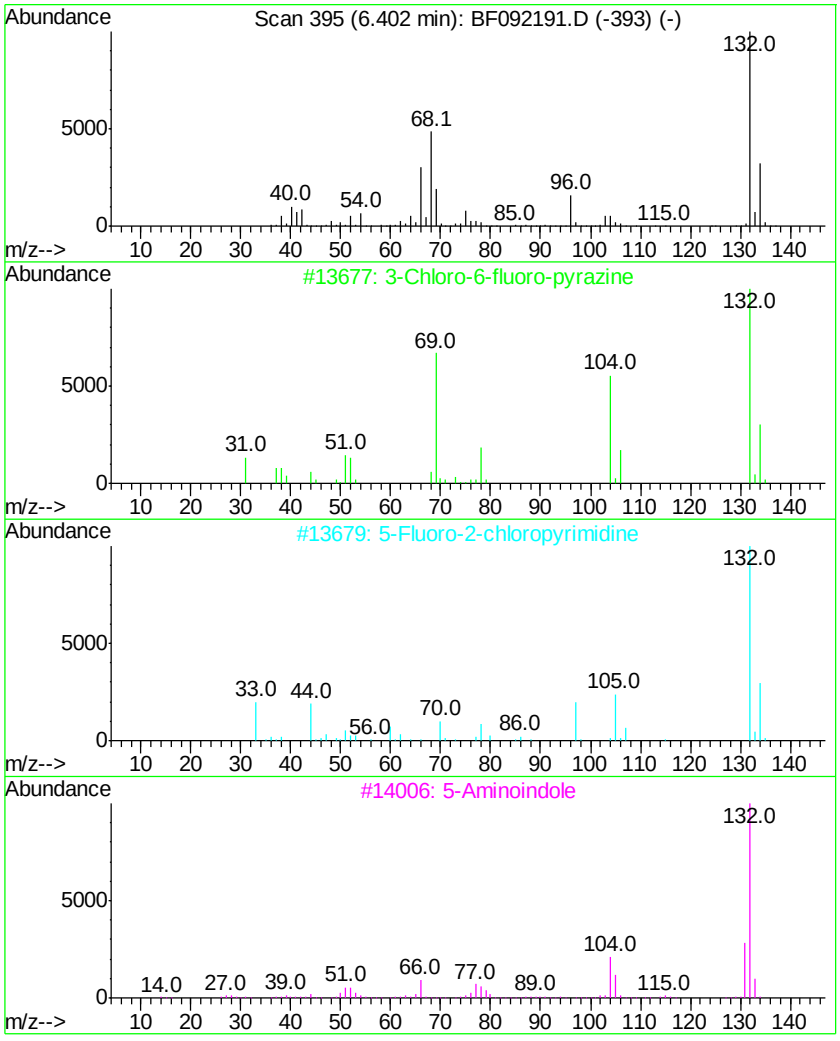
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

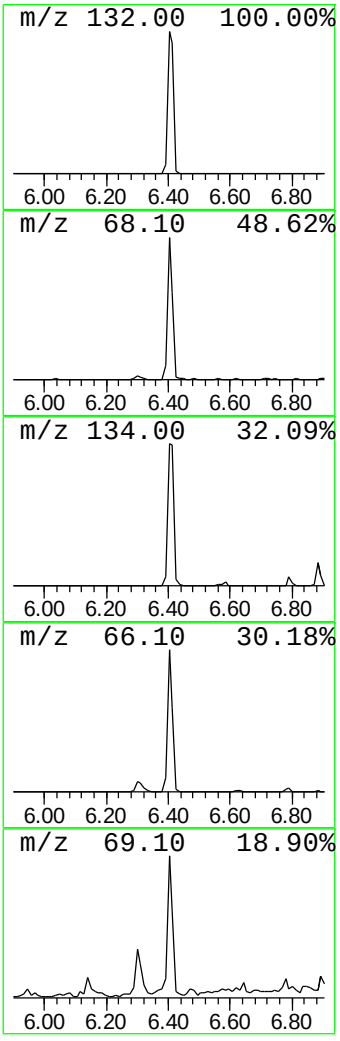
****

Peak Number 3 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	74.36 ng	3907040	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

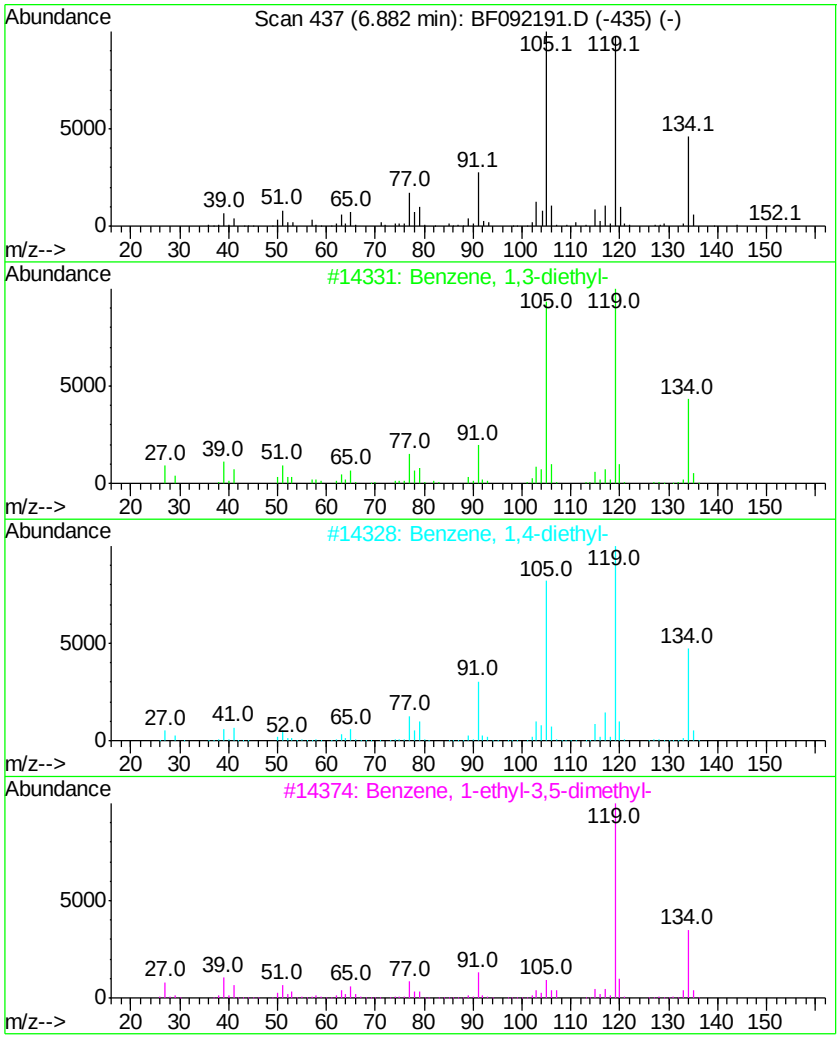
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

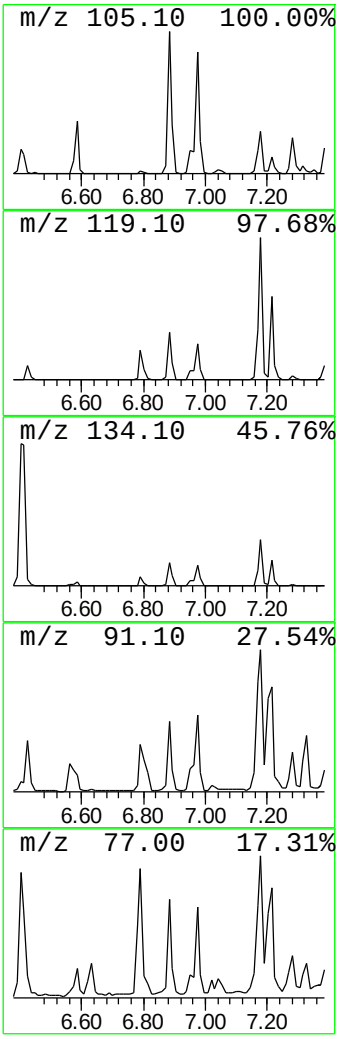
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	11.46 ng	602283	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

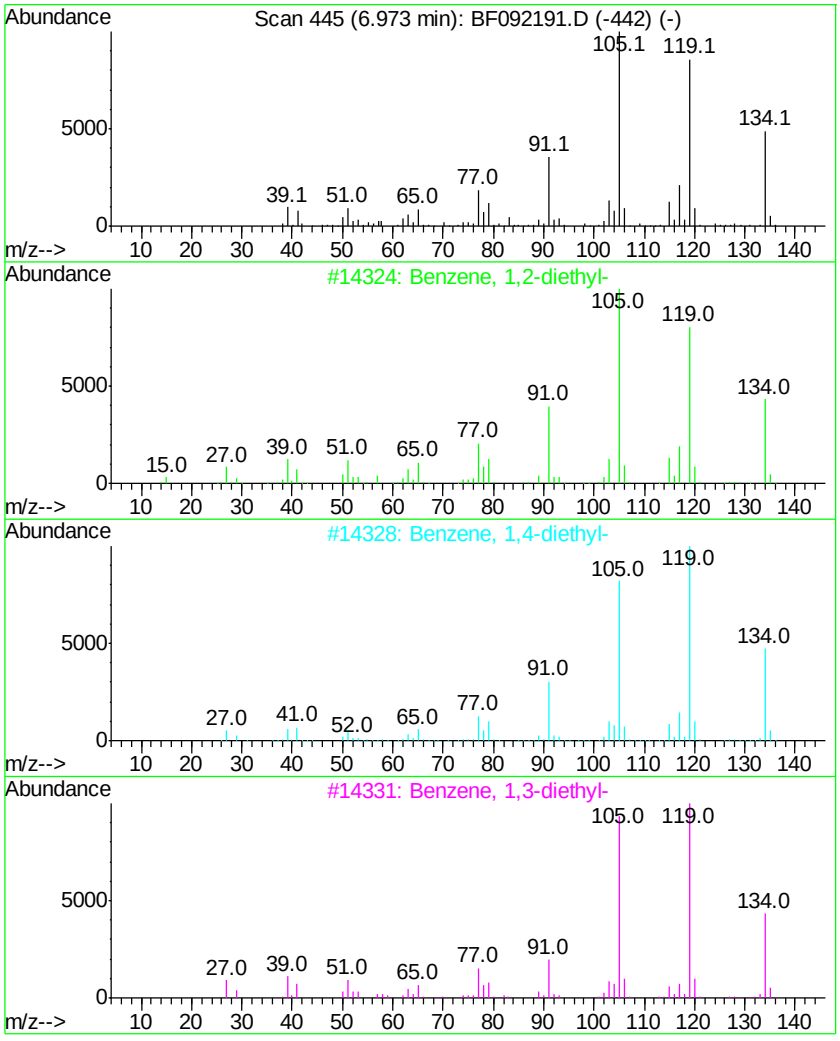
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

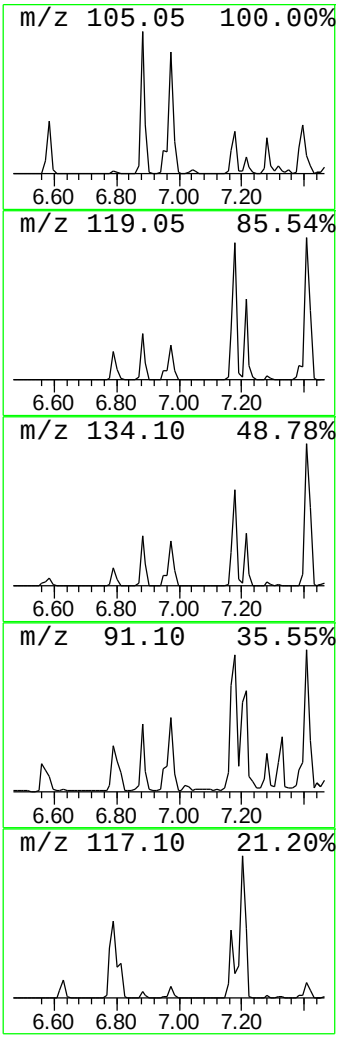
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	10.44 ng	548728	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

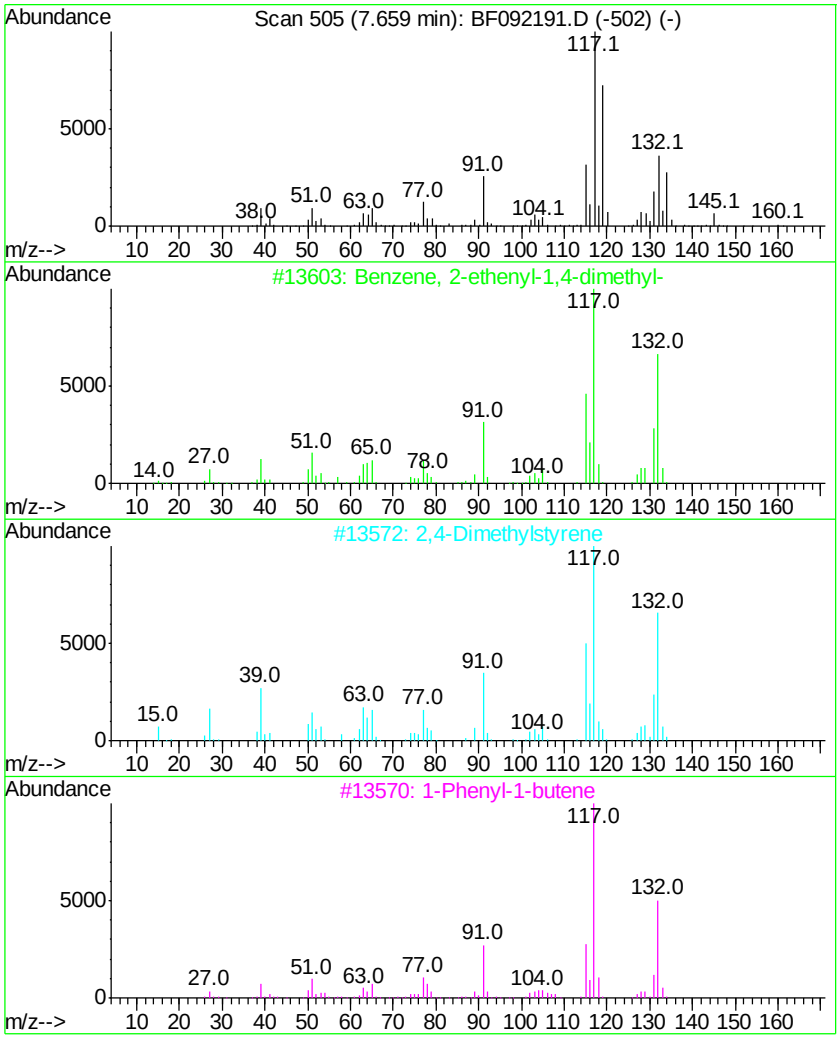
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

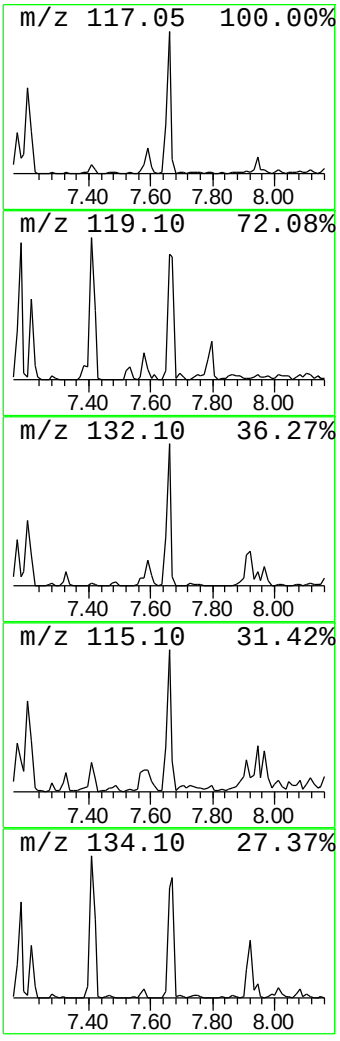
****

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	14.86 ng	2165990	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

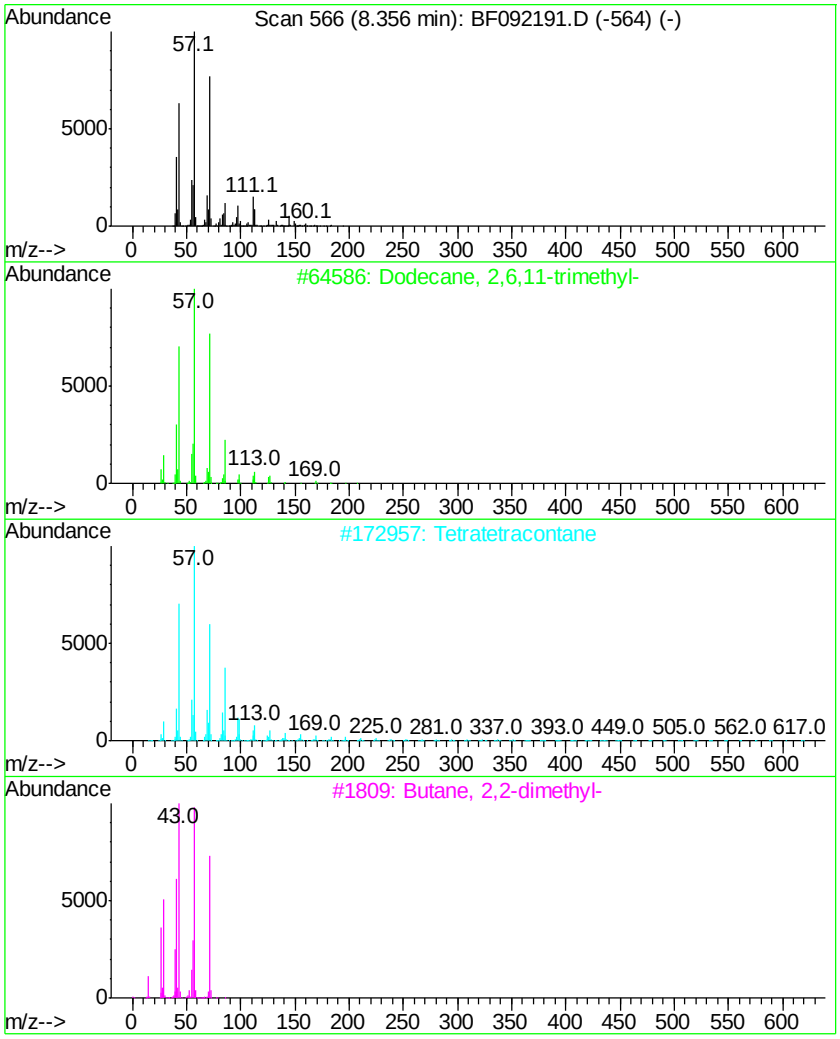
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

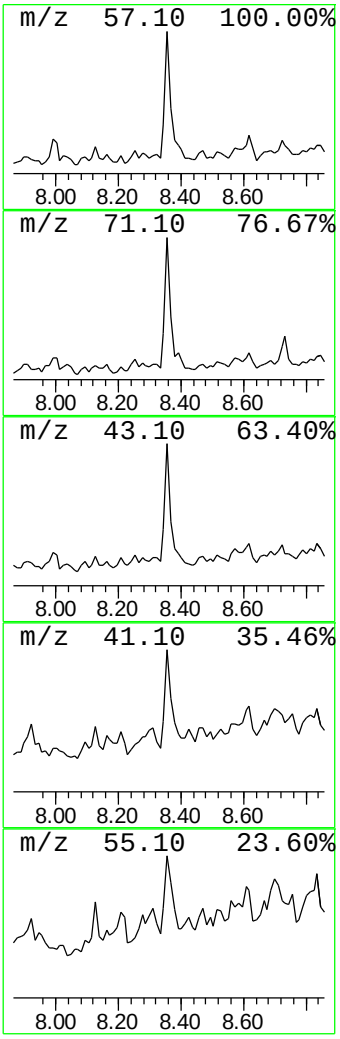
****

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	11.54 ng	1681930	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Tetratetracontane	619	C44H90	007098-22-8	59
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
5	3-Bromooctane	192	C8H17Br	000999-64-4	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

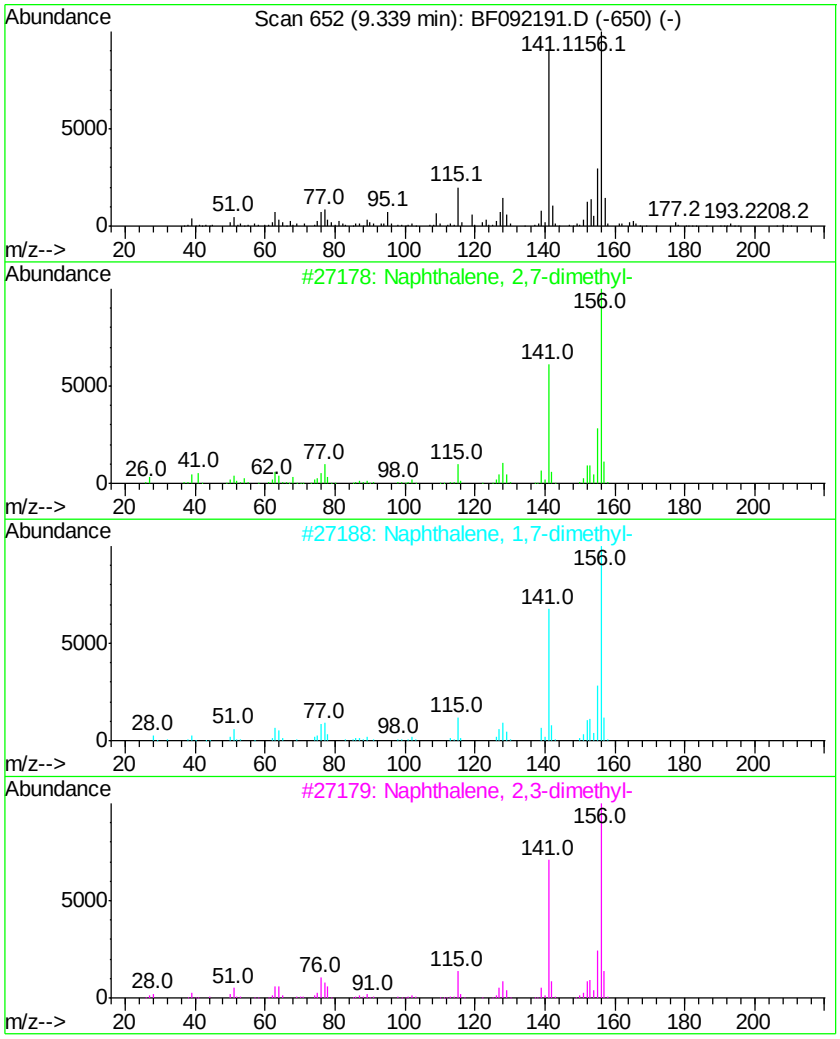
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

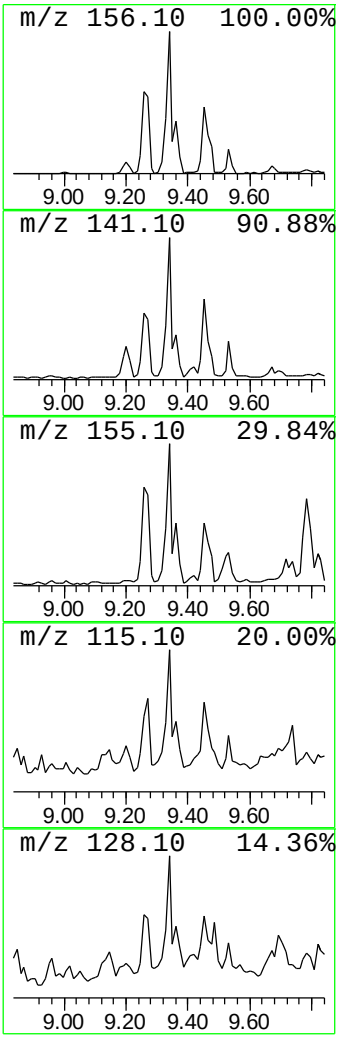
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	9.73 ng	1532760	Acenaphthene-d10	9.67

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

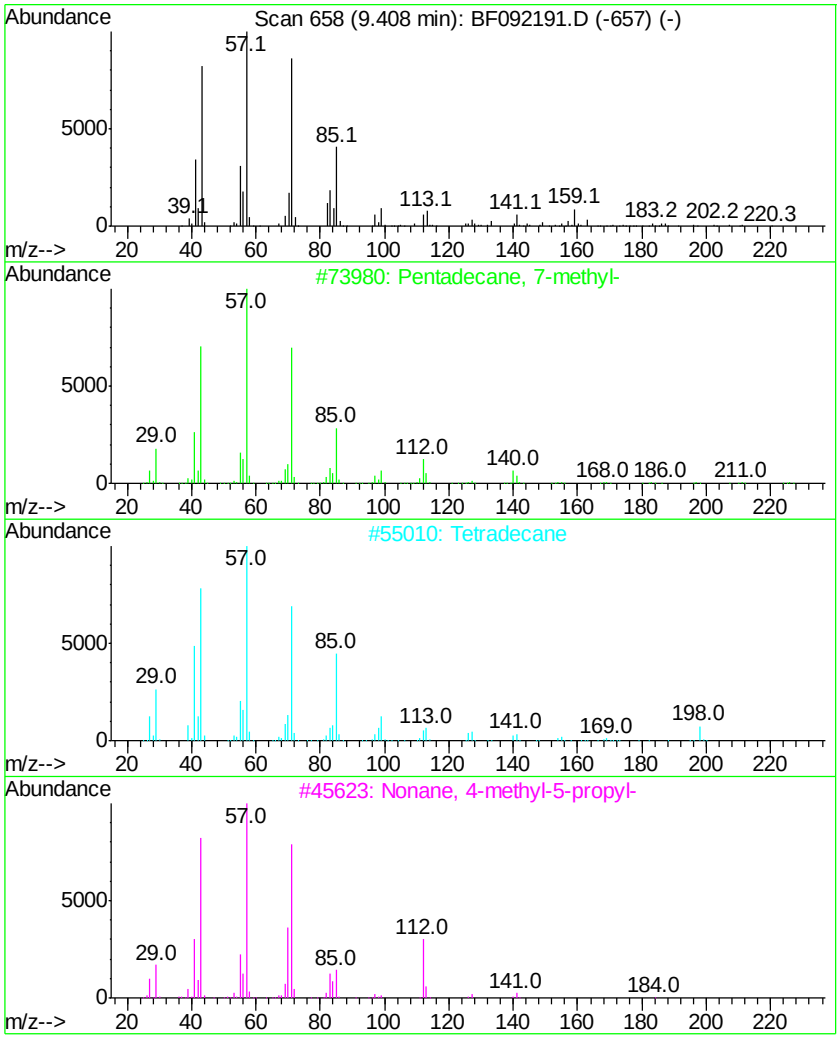
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

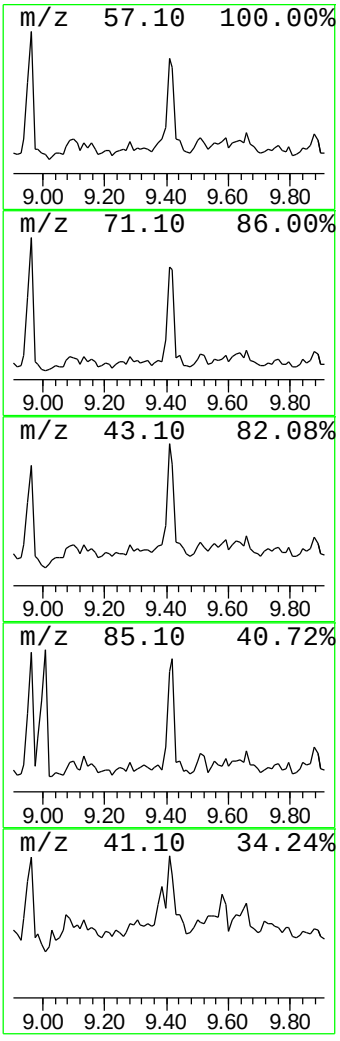
****

Peak Number 12 Pentadecane, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	10.95 ng	1724120	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
2	Tetradecane	198	C14H30	000629-59-4	72
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	70
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
5	Eicosane	282	C20H42	000112-95-8	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

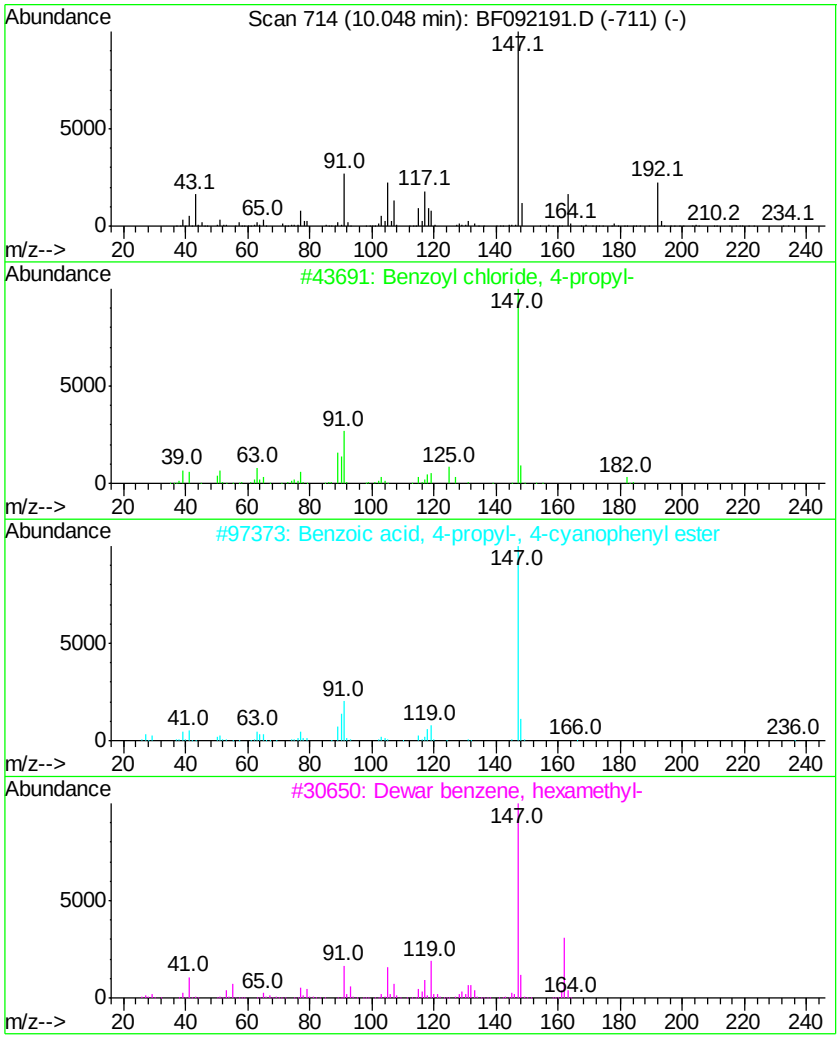
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

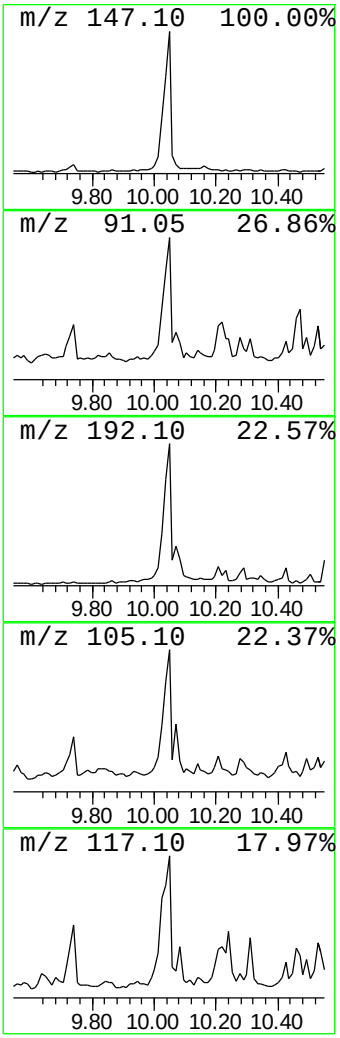
****

Peak Number 13 unknown10.05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	16.69 ng	2628010	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	47
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
3	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	42
4	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	40
5	2-(5-Methyl-[1,3,4]thiadiazol-2-...	292	C14H16N2OS2	1000296-87-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

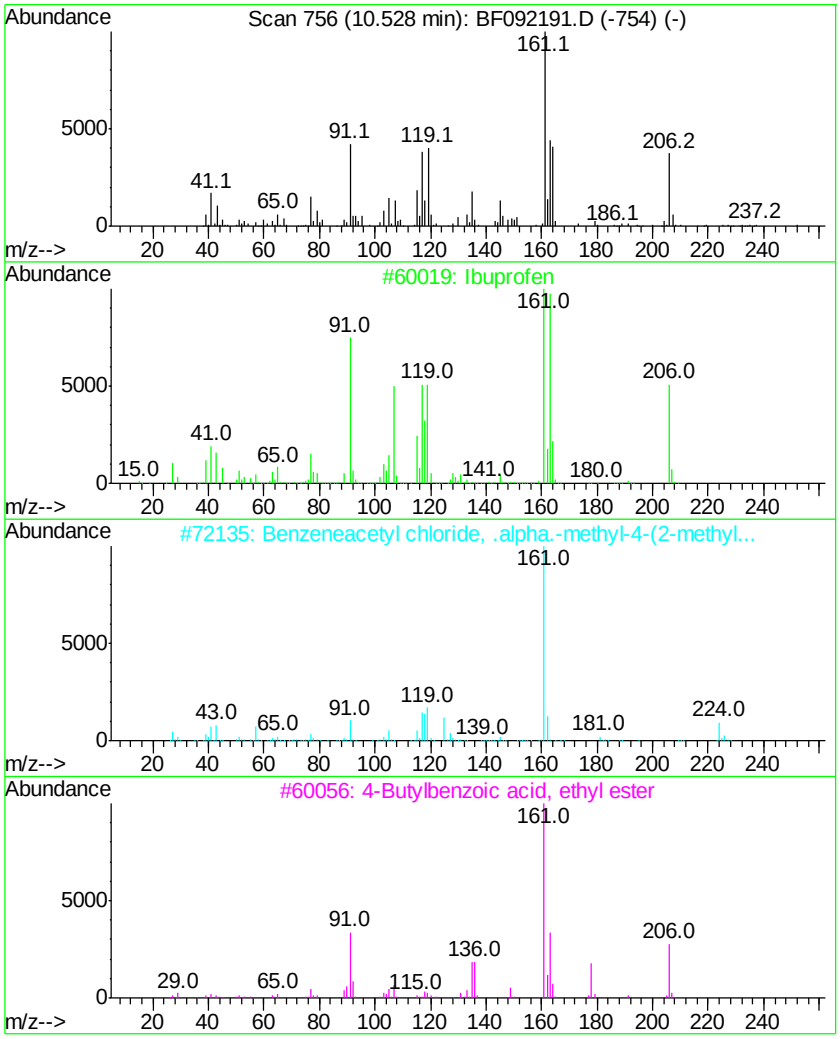
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

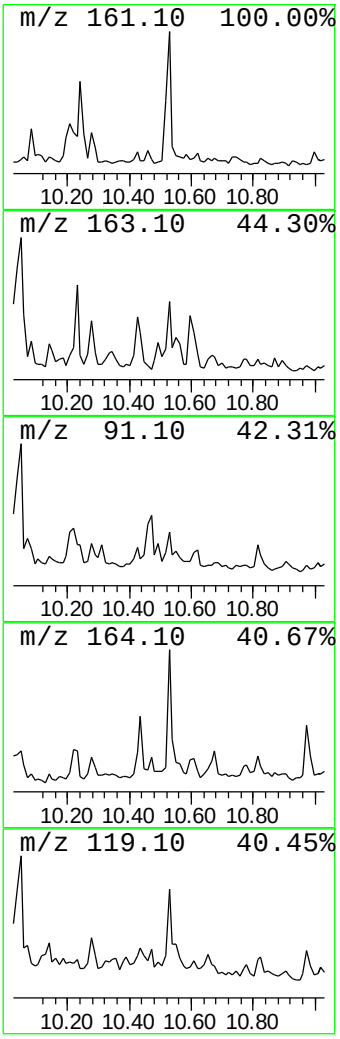
****

Peak Number 14 Ibuprofen Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	22.13 ng	1510230	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	58
2	Benzeneacetyl chloride, .alpha.-...	224	C13H17ClO	034715-60-1	43
3	4-Butylbenzoic acid, ethyl ester	206	C13H18O2	085100-62-5	41
4	5-Chloro-2-thiophenecarbaldehyde...	161	C5H4ClNOS	014345-95-0	38
5	Benzeneacetaldehyde, .alpha.-met...	190	C13H18O	051407-46-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

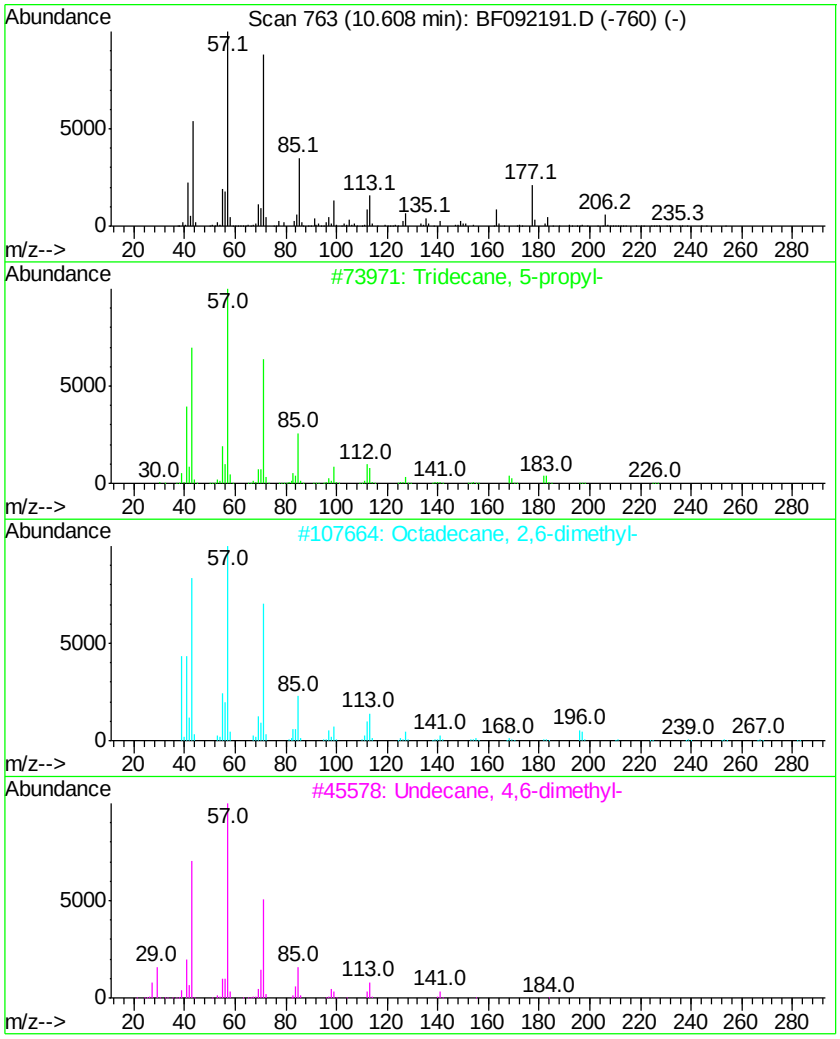
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

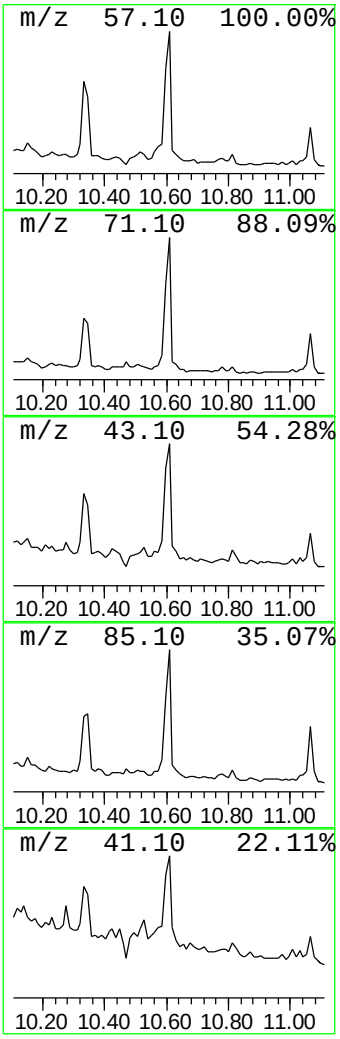
****

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	34.22 ng	2335680	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	59
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

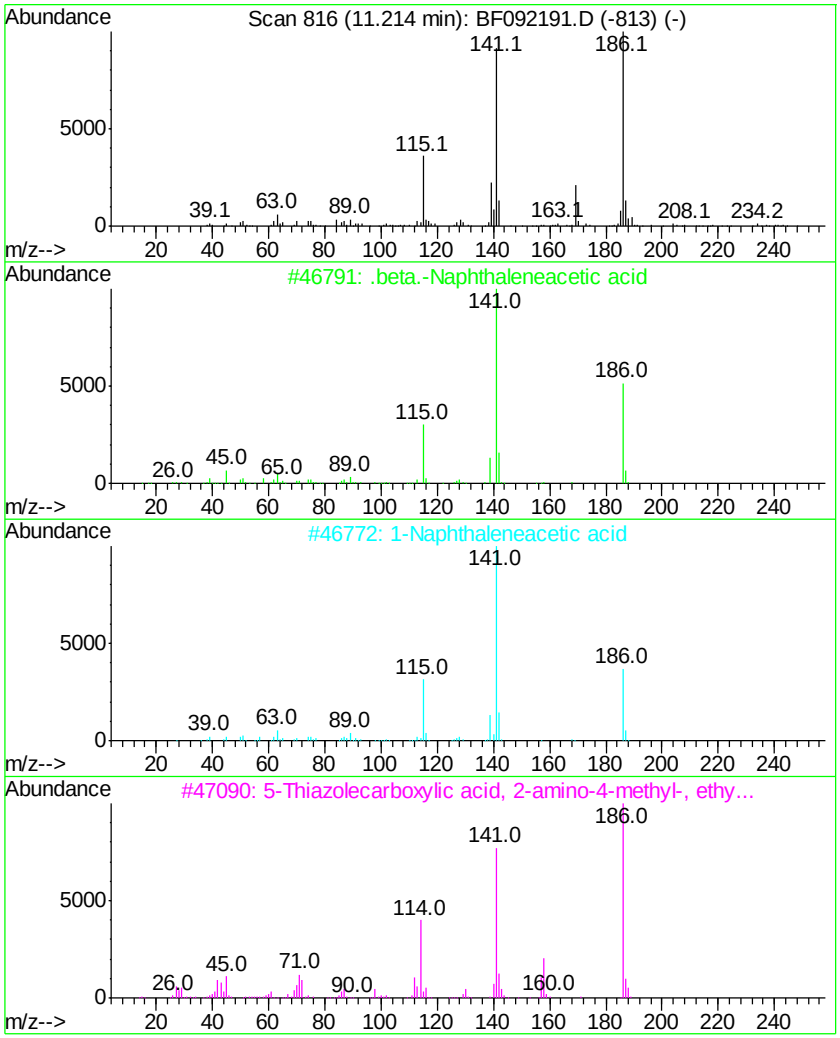
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

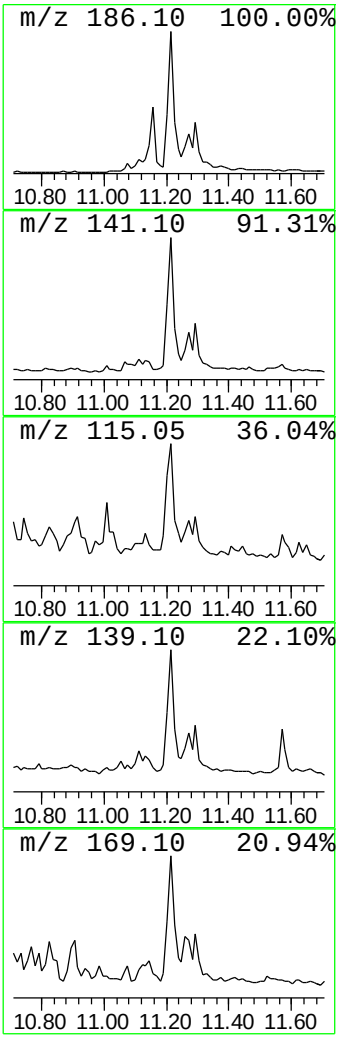
****

Peak Number 16 .beta.-Naphthaleneacetic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	10.58 ng	722048	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	83
2	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	81
3	5-Thiazolecarboxylic acid, 2-ami...	186	C7H10N2O2S	007210-76-6	53
4	1-Naphthalenecarboxaldehyde, 2-m...	186	C12H10O2	005392-12-1	46
5	1-Naphthaleneacetic acid, methyl...	200	C13H12O2	002876-78-0	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

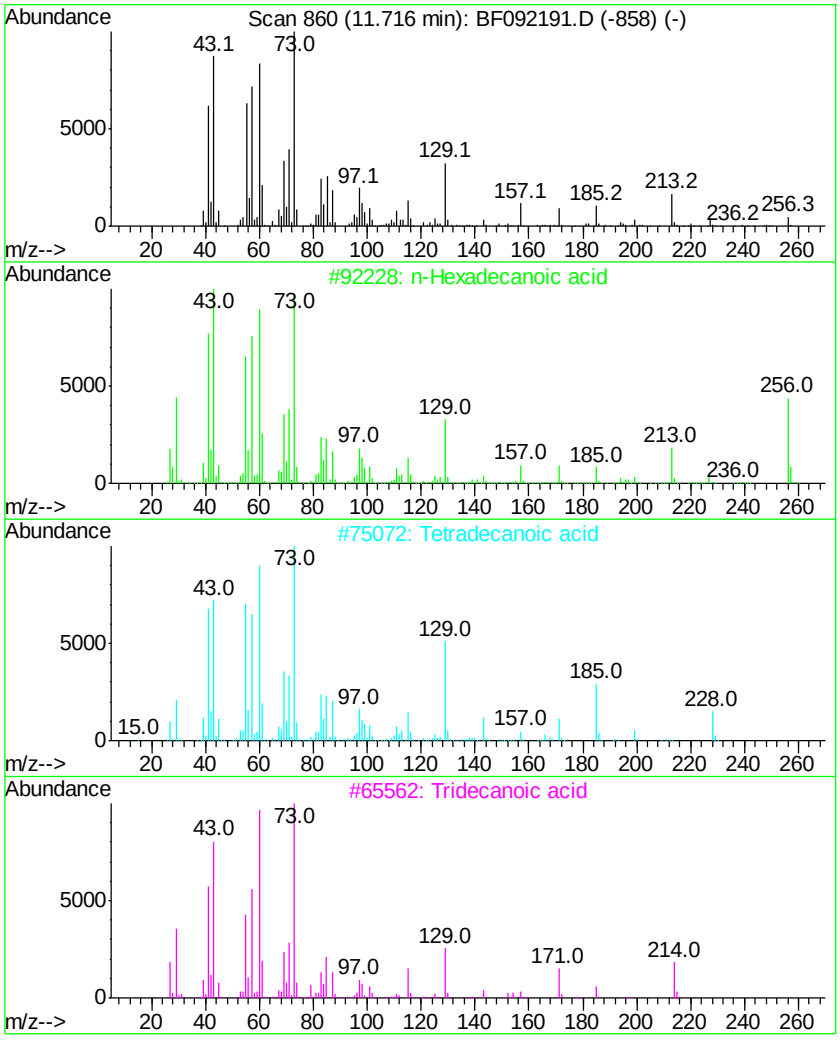
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

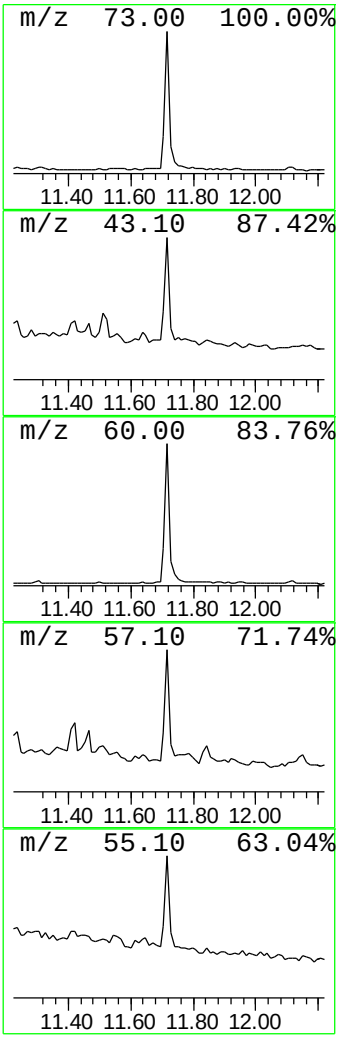
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.80 ng	600508	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

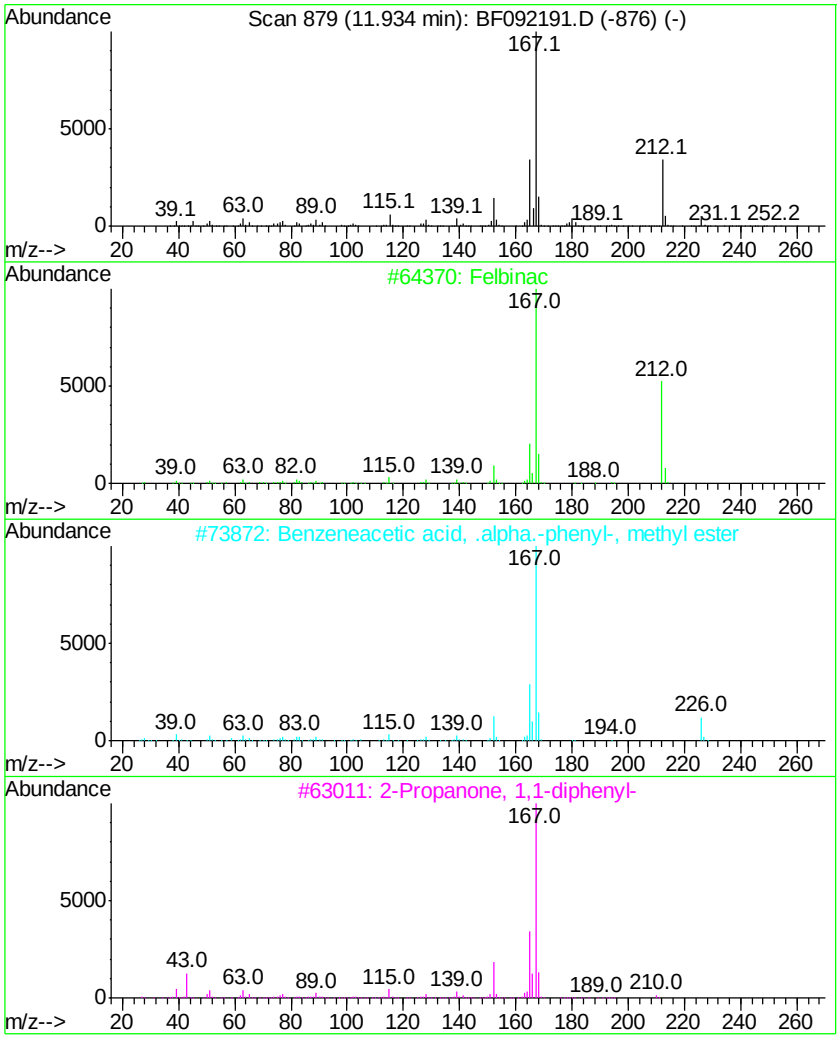
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

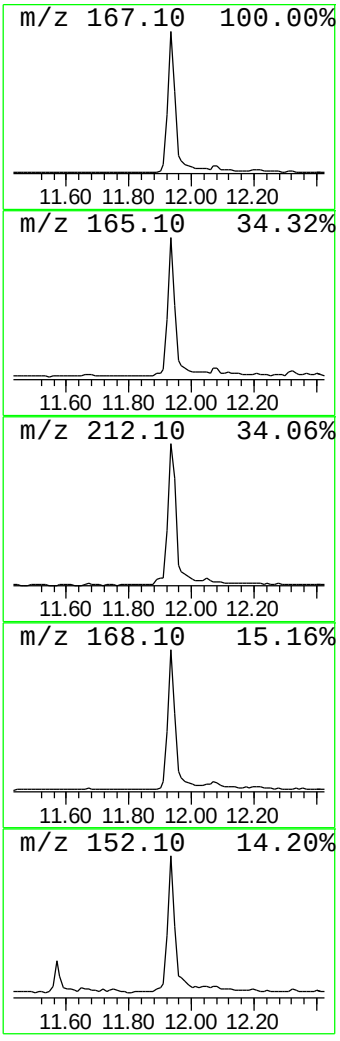
****

Peak Number 18 Felbinac Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	29.55 ng	2016970	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Felbinac	212	C14H12O2	005728-52-9	95
2	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	93
3	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	74
4	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	72
5	Benzene, 1,1'-[[(4-methylphenyl)...	290	C20H18S	032110-49-9	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

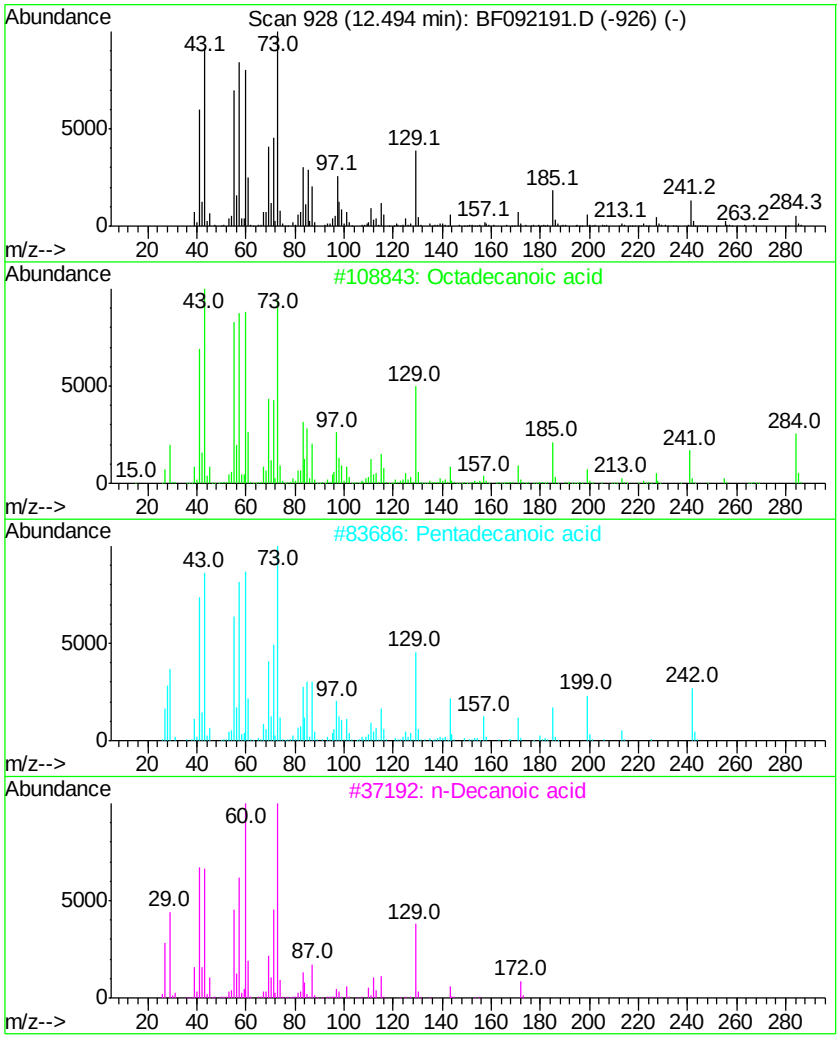
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

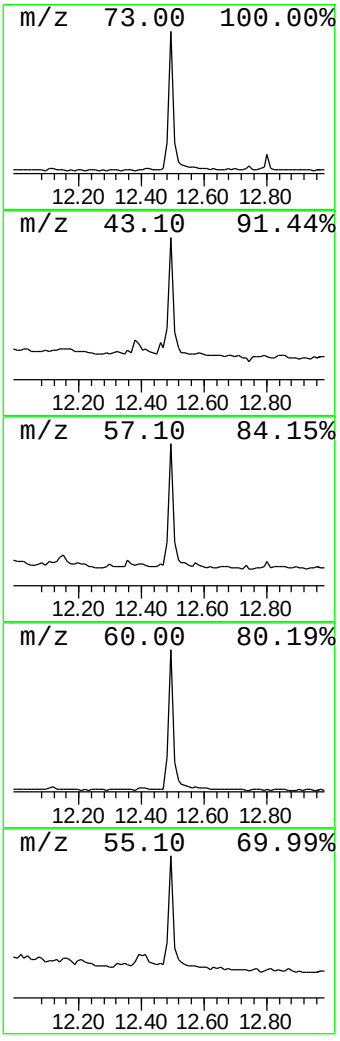
****

Peak Number 19 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	12.09 ng	691767	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecane	184	C13H28	000629-50-5	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

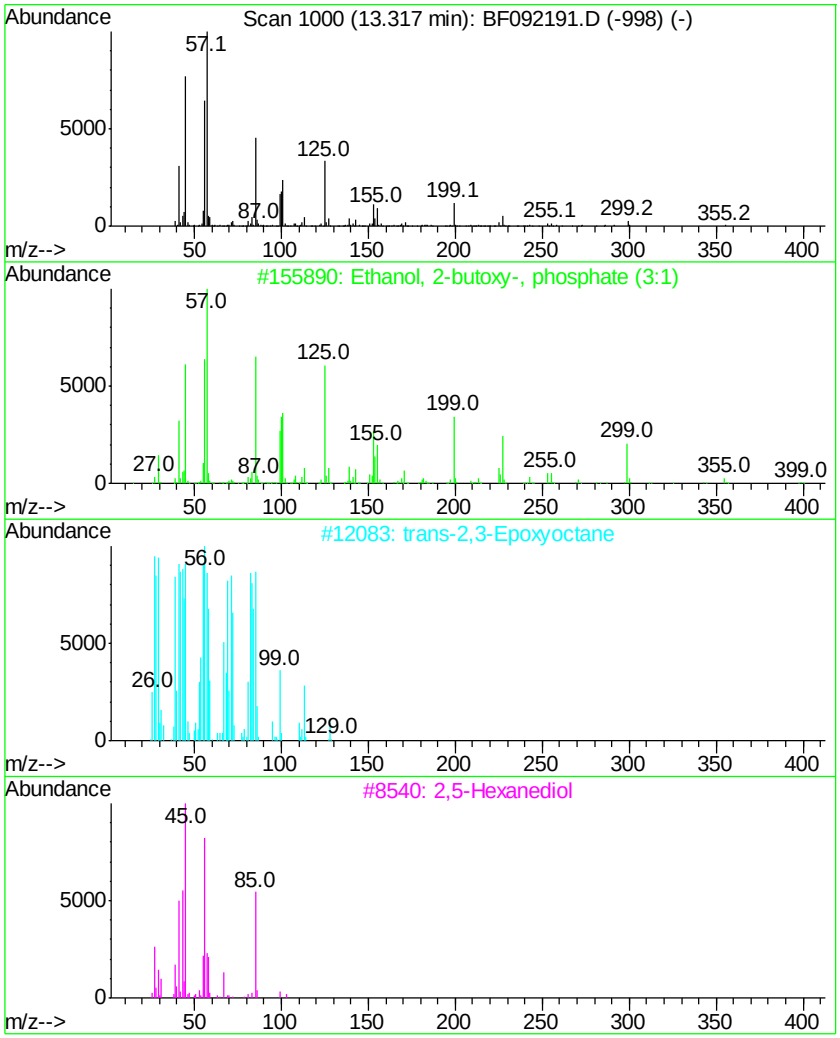
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

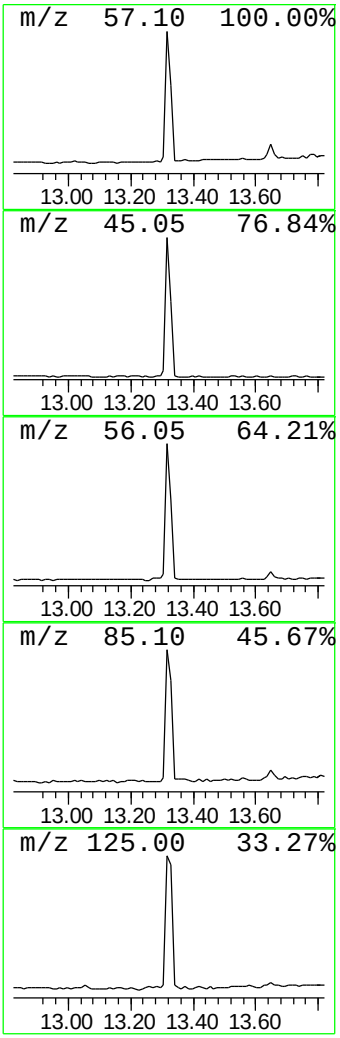
****

Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	10.94 ng	625779	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	50
3	2,5-Hexanediol	118	C6H14O2	002935-44-6	40
4	Propane, 2-(chloromethyl)-1,3-di...	166	C7H15ClO2	020637-37-0	32
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092191.D
Acq On : 10 Jan 2017 19:27
Operator : UM/SJ
Sample : I1077-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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-Pentanol, 4-met...	3.19	25.6	ng	1346800	1	6.63	1050790	20.0
2-Pentanone, 4-hy...	4.76	16.9	ng	887492	1	6.63	1050790	20.0
unknown6.40	6.40	74.4	ng	3907040	1	6.63	1050790	20.0
Benzene, 1,3-diet...	6.88	11.5	ng	602283	1	6.63	1050790	20.0
Benzene, 1,2-diet...	6.97	10.4	ng	548728	1	6.63	1050790	20.0
Benzene, 2-etheny...	7.66	14.9	ng	2165990	2	7.92	2914620	20.0
Dodecane, 2,6,11-...	8.36	11.5	ng	1681930	2	7.92	2914620	20.0
Naphthalene, 2,7-...	9.34	9.7	ng	1532760	3	9.67	3149080	20.0
Pentadecane, 7-me...	9.41	10.9	ng	1724120	3	9.67	3149080	20.0
unknown10.05	10.05	16.7	ng	2628010	3	9.67	3149080	20.0
Ibuprofen	10.53	22.1	ng	1510230	4	11.16	1364990	20.0
Tridecane, 5-propyl-	10.61	34.2	ng	2335680	4	11.16	1364990	20.0
.beta.-Naphthalen...	11.21	10.6	ng	722048	4	11.16	1364990	20.0
n-Hexadecanoic acid	11.72	8.8	ng	600508	4	11.16	1364990	20.0
Felbinac	11.93	29.6	ng	2016970	4	11.16	1364990	20.0
Octadecanoic acid	12.49	12.1	ng	691767	5	13.79	1144230	20.0
Ethanol, 2-butoxy...	13.32	10.9	ng	625779	5	13.79	1144230	20.0