LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	15	16	23	rVB	142552	231428	7.43%	0.520%
2	1.895	26	27	42	rVB	1733028	3113901	100.00%	6.996%
3	2.101	42	45	56	rVB2	60723	199006	6.39%	0.447%
4	3.118	131	134	140	rBV	136521	243758	7.83%	0.548%
5	3.667	178	182	188	rVB	52383	88625	2.85%	0.199%
6	4.673	267	270	273	rBV	70441	79223	2.54%	0.178%
7	5.016	298	300	304	rBV	94071	149232	4.79%	0.335%
8	5.107	304	308	314	rVV4	40419	145298	4.67%	0.326%
9	5.439	335	337	340	rVB	1016685	1170772	37.60%	2.630%
10	5.759	363	365	371	rBV4	33235	78727	2.53%	0.177%
11	6.010	384	387	389	rVB2	124710	151010	4.85%	0.339%
12	6.090	391	394	398	rBV3	55048	99478	3.19%	0.223%
13	6.307	411	413	414	rVB	148138	120693	3.88%	0.271%
14	6.479	425	428	433	rVB	820221	861529	27.67%	1.936%
15	6.616	437	440	442	rBV	2041322	2067683	66.40%	4.645%
16	6.719	448	449	453	rVB	75233	80874	2.60%	0.182%
17	6.810	453	457	458	rBV4	102753	180819	5.81%	0.406%
18	6.844	458	460	465	rBV	511978	770432	24.74%	1.731%
19	6.924	465	467	469	rBV	253683	365579	11.74%	0.821%
20	6.959	469	470	472	rVV2	177176	234330	7.53%	0.526%
21	7.004	472	474	478	rVB	1821384	1948772	62.58%	4.378%
22	7.073	478	480	481	rBV	332712	362707	11.65%	0.815%
23	7.107	481	483	484	rVB	146986	127923	4.11%	0.287%
24	7.176	486	489	490	rBV	148395	141616	4.55%	0.318%
25	7.256	493	496	498	rBV3	244893	363339	11.67%	0.816%
26	7.336	498	503	505	rVB	199250	452885	14.54%	1.017%
27	7.416	505	510	513	rBV2	1537186	2129313	68.38%	4.784%
28	7.496	514	517	519	rBV	158690	211198	6.78%	0.474%
29	7.542	519	521	522	rBV2	72542	115240	3.70%	0.259%
30	7.622	522	528	530	rVV3	332585	1007794	32.36%	2.264%
31	7.656	530	531	533	rVV2	332826	366093	11.76%	0.822%
32	7.713	533	536	537	rVV2	223404	397165	12.75%	0.892%
33	7.736	537	538	540	rVV2	294309	316046	10.15%	0.710%
34	7.793	540	543	545	rVB3	237386	444363	14.27%	0.998%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.873	548	550	552	rBV	590543	738136	23.70%	1.658%
36	7.942	552	556	558	rVV3	284158	607073	19.50%	1.364%
37	7.976	558	559	560	rVB	274486	188160	6.04%	0.423%
38	8.010	560	562	564	rBV2	122045	166381	5.34%	0.374%
39	8.079	566	568	569	rBV	76470	96085	3.09%	0.216%
40	8.136	569	573	576	rBV	908085	1198985	38.50%	2.694%
41	8.182	576	577	580	rVB3	145537	133778	4.30%	0.301%
42	8.227	580	581	582	rVB	128843	88386	2.84%	0.199%
43	8.262	582	584	585	rBV	110373	93492	3.00%	0.210%
44	8.296	585	587	588	rBV2	127985	148291	4.76%	0.333%
45	8.365	591	593	596	rBV2	161570	324367	10.42%	0.729%
46	8.410	596	597	600	rVB2	191477	256759	8.25%	0.577%
47	8.525	603	607	608	rBV4	158414	337101	10.83%	0.757%
48	8.605	610	614	616	rVV5	185093	485704	15.60%	1.091%
49	8.639	616	617	620	rVB2	186362	233392	7.50%	0.524%
50	8.730	620	625	627	rBV2	360581	800192	25.70%	1.798%
51	8.799	628	631	633	rVB3	322145	374806	12.04%	0.842%
52	8.845	633	635	638	rBV4	312776	565815	18.17%	1.271%
53	8.902	638	640	642	rVV2	156745	255425	8.20%	0.574%
54	8.947	642	644	646	rVB2	663451	631073	20.27%	1.418%
55	9.039	651	652	653	rBV	83881	80054	2.57%	0.180%
56	9.096	654	657	659	rBV4	58701	148268	4.76%	0.333%
57	9.130	659	660	662	rVB2	99229	123955	3.98%	0.278%
58	9.222	665	668	670	rVB	2029883	2901189	93.17%	6.518%
59	9.302	672	675	677	rBV2	91425	227354	7.30%	0.511%
60	9.336	677	678	681	rBV3	64311	80897	2.60%	0.182%
61	9.416	682	685	686	rVB2	261511	367535	11.80%	0.826%
62	9.450	686	688	689	rBV2	73489	131782	4.23%	0.296%
63	9.553	694	697	698	rBV2	189095	358830	11.52%	0.806%
64	9.576	698	699	701	rVV2	222684	205588	6.60%	0.462%
65	9.610	701	702	706	rVV2	210044	291237	9.35%	0.654%
66	9.690	706	709	711	rVB4	137668	296275	9.51%	0.666%
67	9.748	713	714	717	rVB3	211833	340508	10.94%	0.765%
68	9.828	717	721	723	rVB3	237008	412110	13.23%	0.926%
69	9.885	724	726	729	rVB	588956	776274	24.93%	1.744%
70	9.965	731	733	734	rBV	239883	282892	9.08%	0.636%
71	10.068	740	742	745	rVB3	156632	279529	8.98%	0.628%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.125	745	747	749	rBV2	93881	189292	6.08%	0.425%
73	10.182	750	752	753	rVV2	163432	175686	5.64%	0.395%
74	10.239	756	757	759	rVB2	127622	117570	3.78%	0.264%
75	10.445	772	775	779	rBV6	89264	232772	7.48%	0.523%
76	10.502	779	780	783	rVV2	215111	352423	11.32%	0.792%
77	10.571	783	786	789	rVV5	177726	383582	12.32%	0.862%
78	10.685	793	796	797	rVV2	1040000	1440438	46.26%	3.236%
79	10.765	800	803	804	rBV2	91664	146378	4.70%	0.329%
80	10.799	804	806	810	rVB2	334741	517204	16.61%	1.162%
81	10.891	810	814	816	rBV3	117289	280953	9.02%	0.631%
82	11.119	832	834	836	rVB	109010	134929	4.33%	0.303%
83	11.245	843	845	846	rBV	120452	105861	3.40%	0.238%
84	11.279	846	848	849	rVB	260976	311548	10.01%	0.700%
85	11.371	854	856	858	rBV	736289	655961	21.07%	1.474%
86	11.405	858	859	865	rVB2	163155	306254	9.84%	0.688%
87	11.496	865	867	868	rBV2	82085	109239	3.51%	0.245%
88	11.553	870	872	874	rBV2	94441	139207	4.47%	0.313%
89	11.588	874	875	878	rVB2	112195	90473	2.91%	0.203%
90	11.633	878	879	881	rBV2	71419	105261	3.38%	0.236%
91	11.919	901	904	906	rBV	354014	397664	12.77%	0.893%
92	12.102	918	920	925	rVB	331789	425827	13.68%	0.957%
93	12.696	970	972	974	rVV	193164	176743	5.68%	0.397%
94	12.742	974	976	980	rVB3	109310	164424	5.28%	0.369%
95	12.959	992	995	997	rBV	2217185	2059684	66.14%	4.627%
96	13.531	1043	1045	1048	rBV	143574	166081	5.33%	0.373%
97	13.862	1072	1074	1076	rBV	100620	113289	3.64%	0.255%
98	13.999	1084	1086	1089	rVB	476335	511125	16.41%	1.148%
99	14.640	1140	1142	1152	rVB	196286	455632	14.63%	1.024%
100	15.428	1208	1211	1214	rBV	323245	400809	12.87%	0.900%

Sum of corrected areas: 44510838

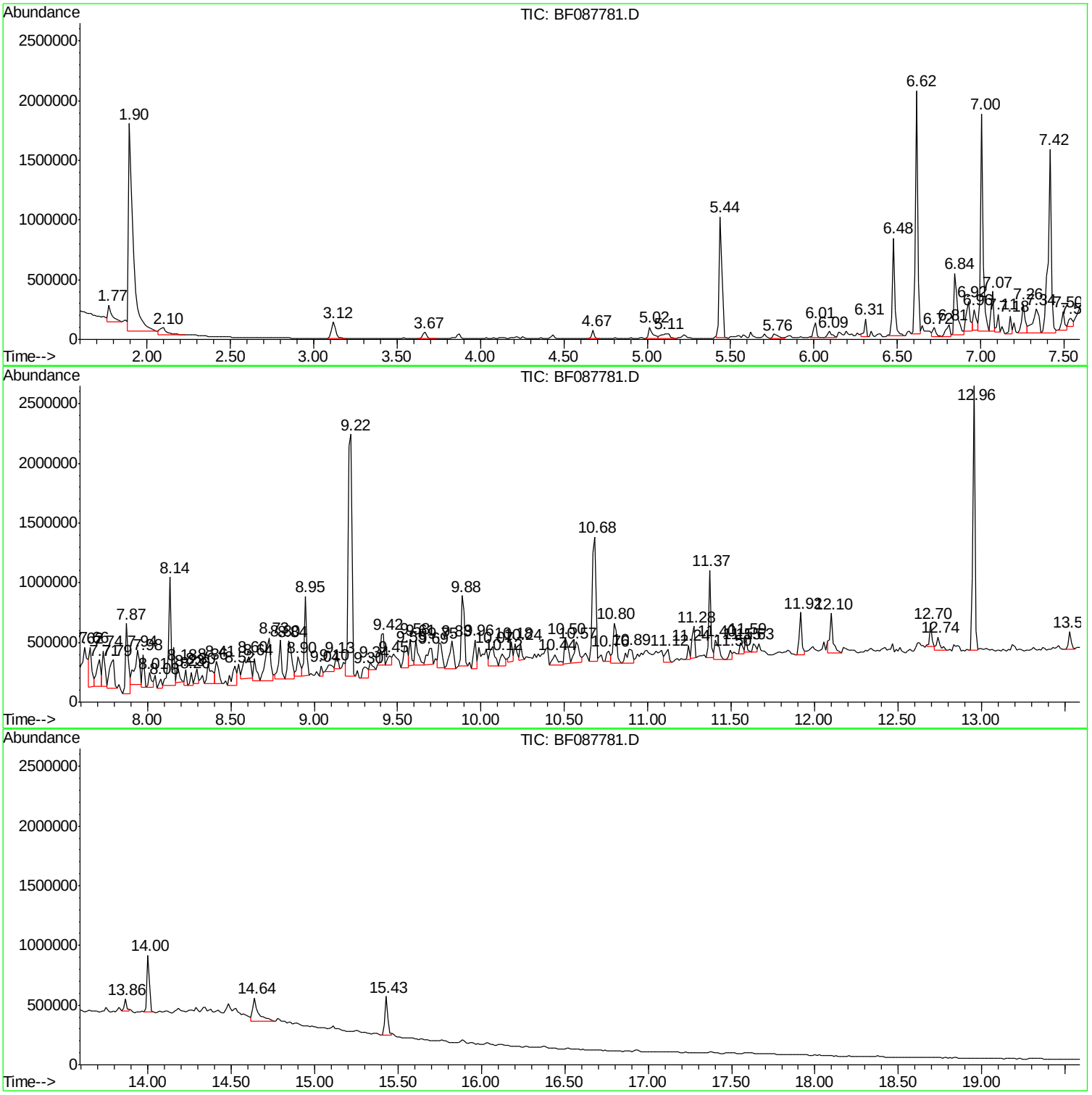
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

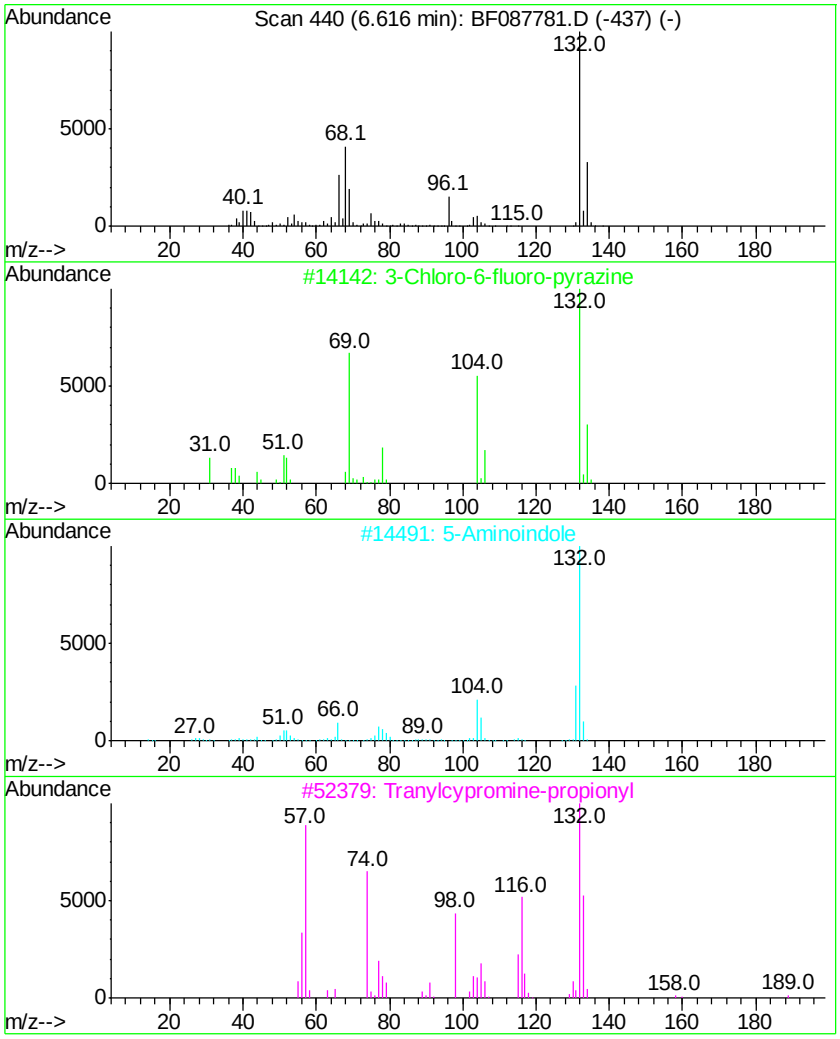
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

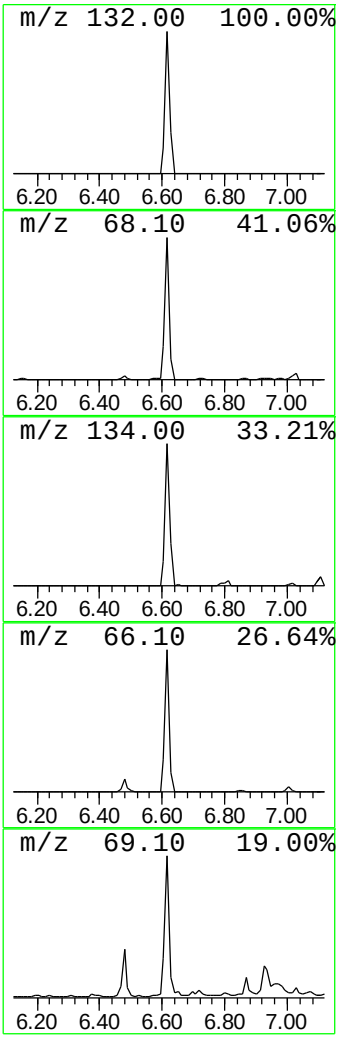
****

Peak Number 2 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	53.68 ng	2067680	1,4-Dichlorobenzene-d4	6.84

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

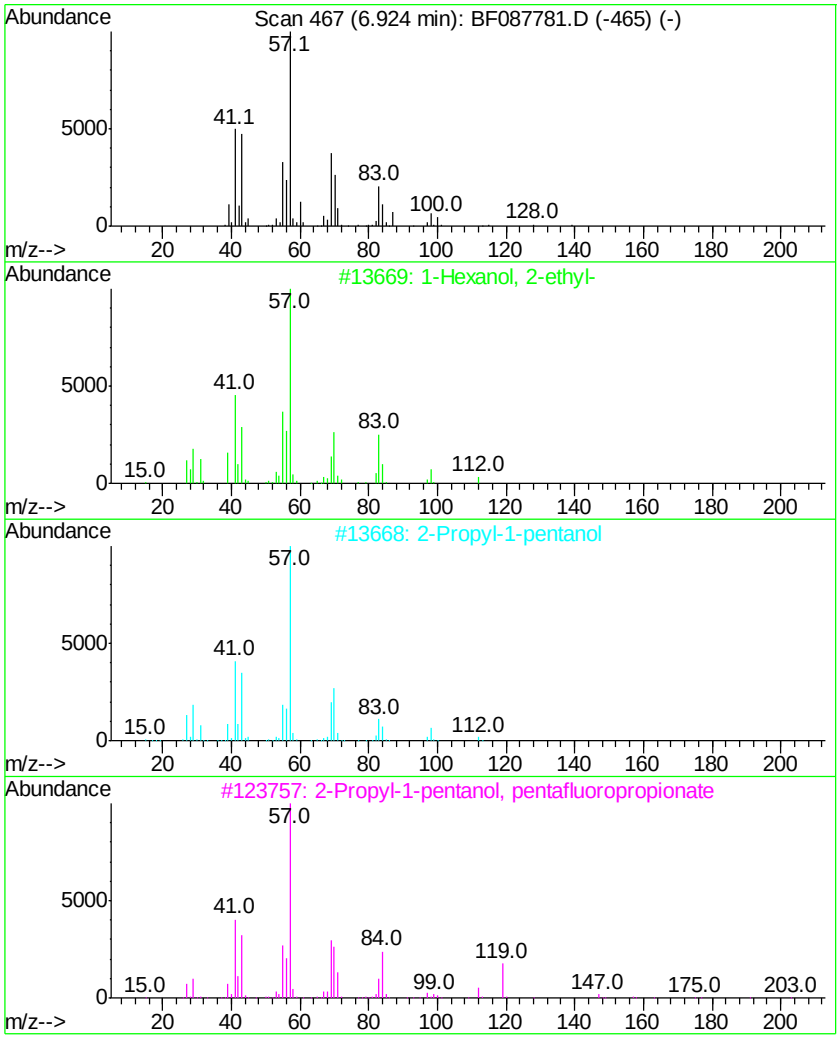
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

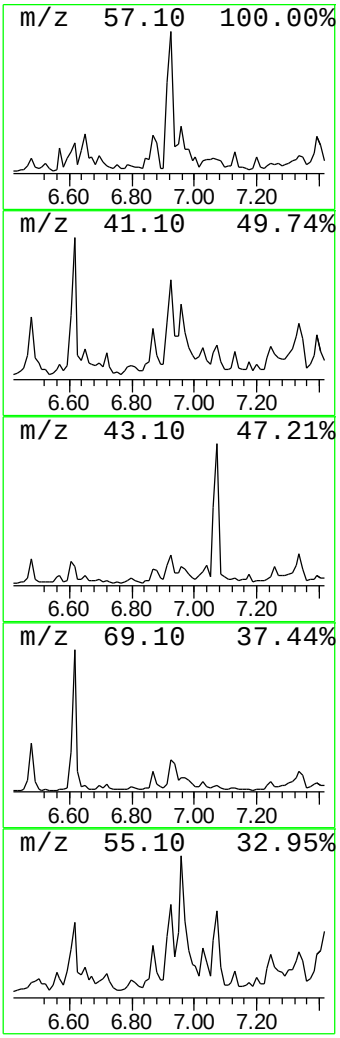
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	9.49 ng	365579	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	47
4	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	42
5	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

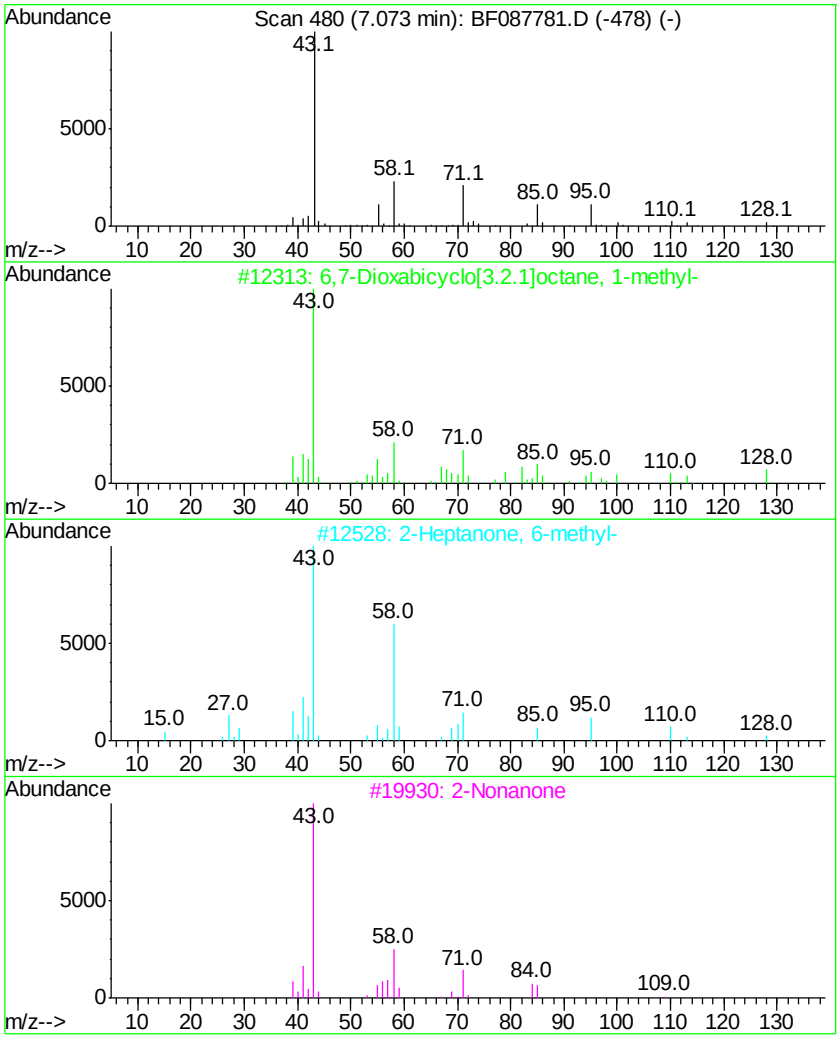
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

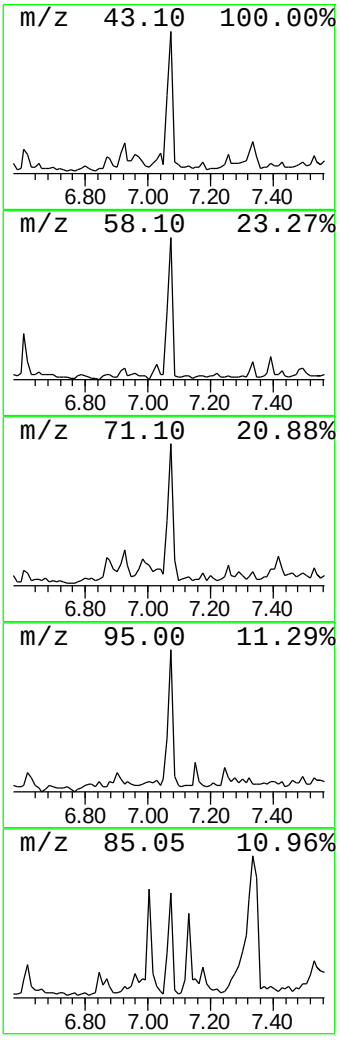
****

Peak Number 5 unknown7.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	9.42 ng	362707	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dioxabicyclo[3.2.1]octane, 1...	128	C7H12O2	1000142-18-0	38
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	38
3	2-Nonanone	142	C9H18O	000821-55-6	33
4	3,4-Hexanedione, 2,2,5-trimethyl-	156	C9H16O2	020633-03-8	28
5	2,6-Heptanedione, 3-acetyl-	170	C9H14O3	029214-57-1	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

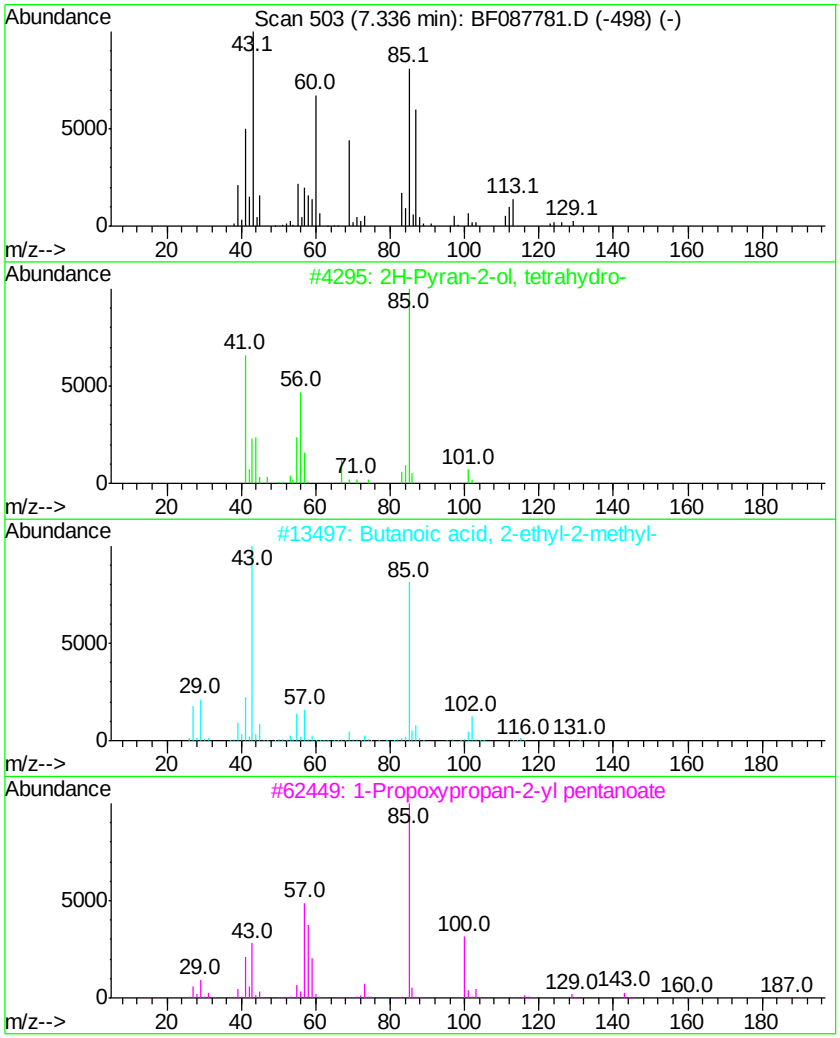
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

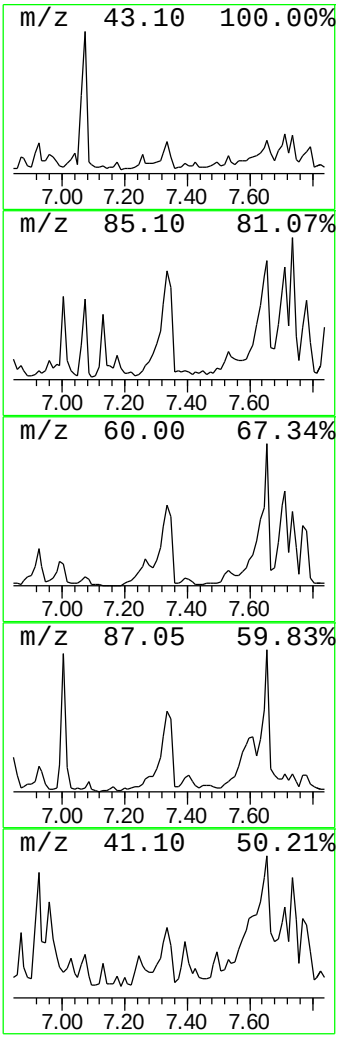
****

Peak Number 6 unknown7.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	11.76 ng	452885	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-ol, tetrahydro-	102	C5H10O2	000694-54-2	30
2	Butanoic acid, 2-ethyl-2-methyl-	130	C7H14O2	019889-37-3	27
3	1-Propoxypropan-2-yl pentanoate	202	C11H22O3	1000367-12-7	27
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	27
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

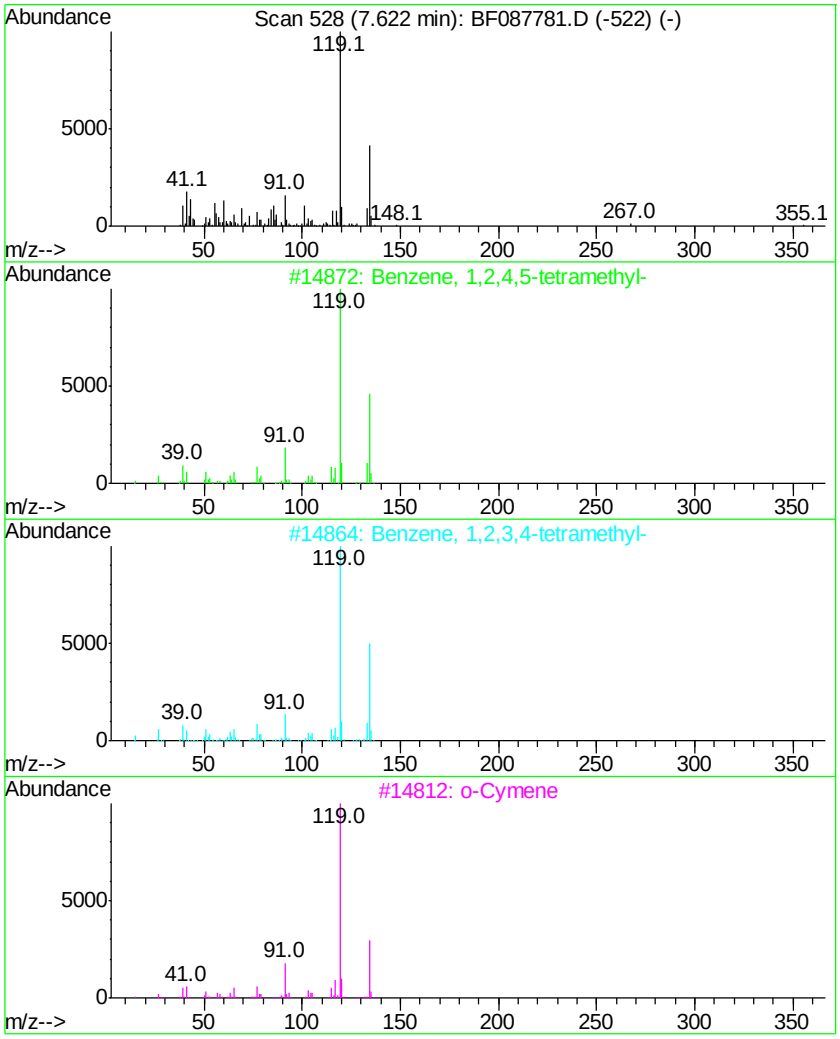
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

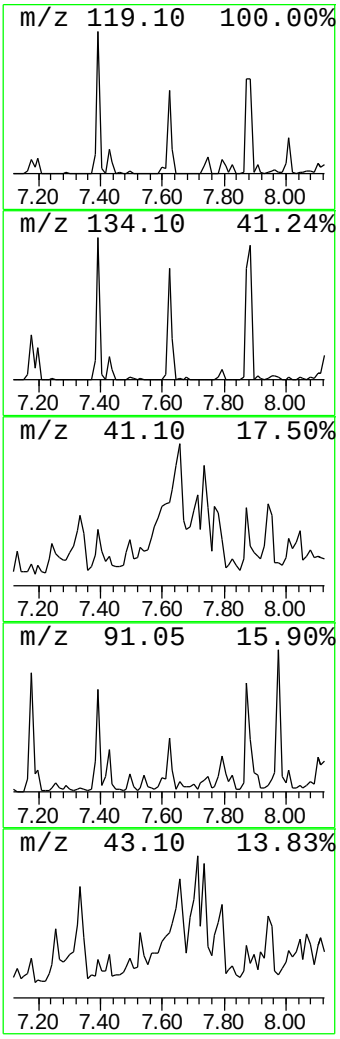
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	16.81 ng	1007790	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

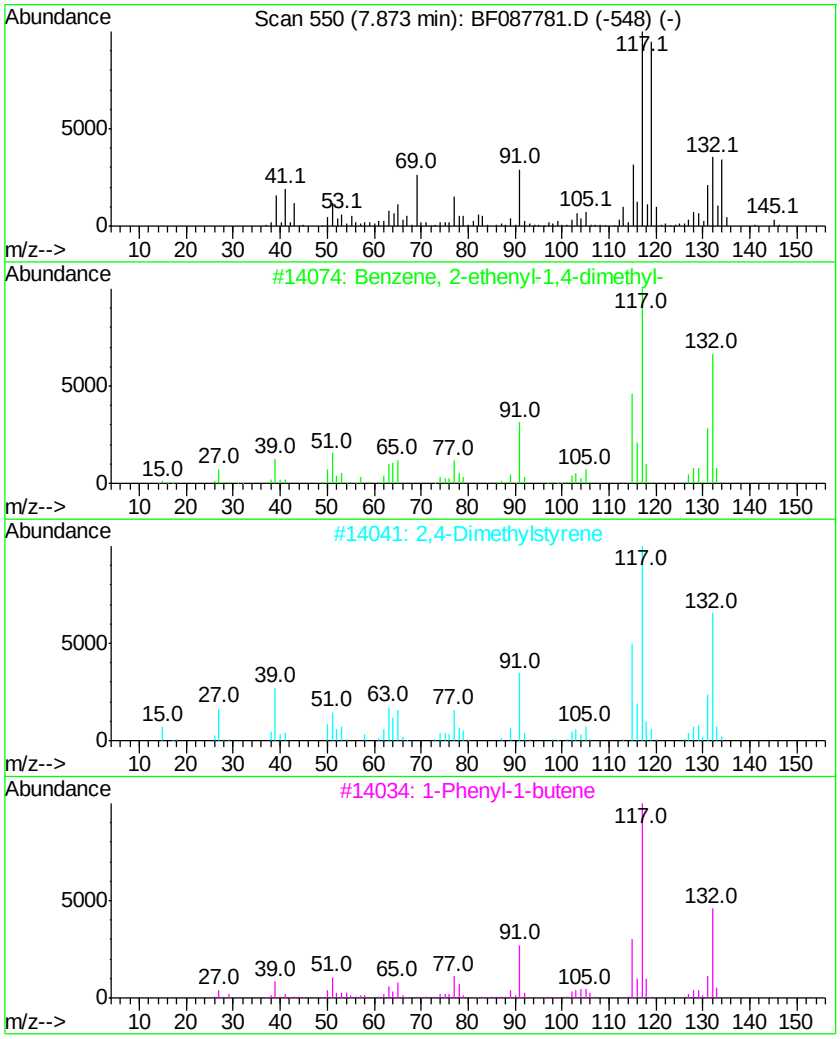
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

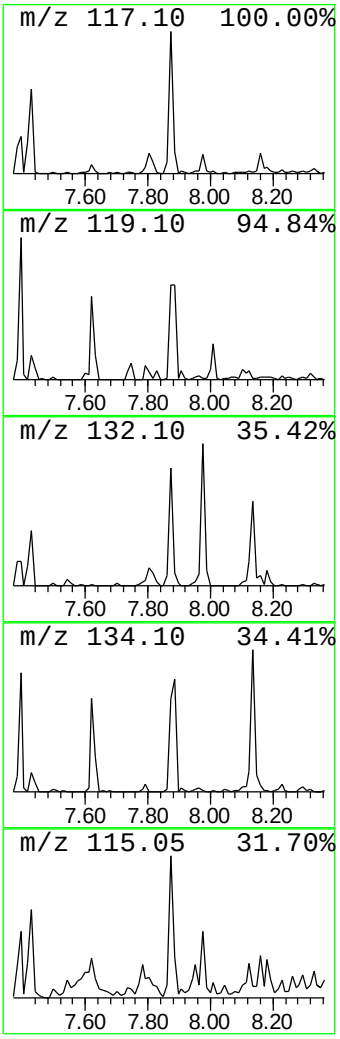
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	12.31 ng	738136	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

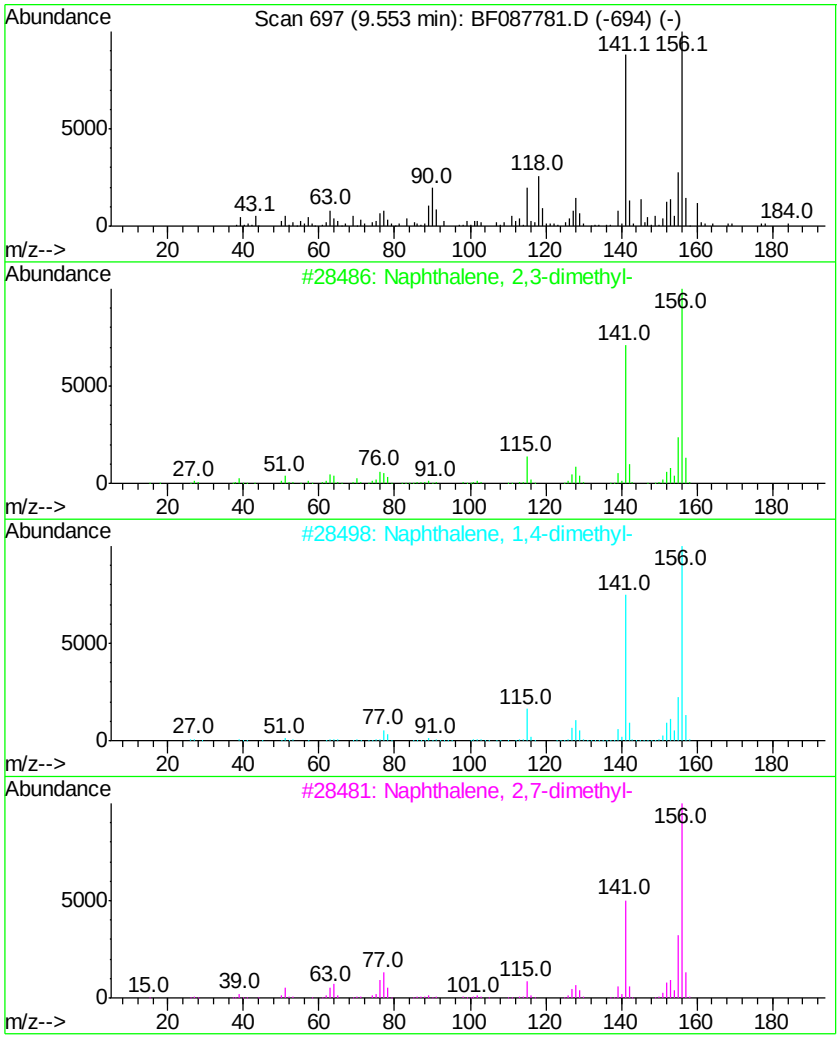
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

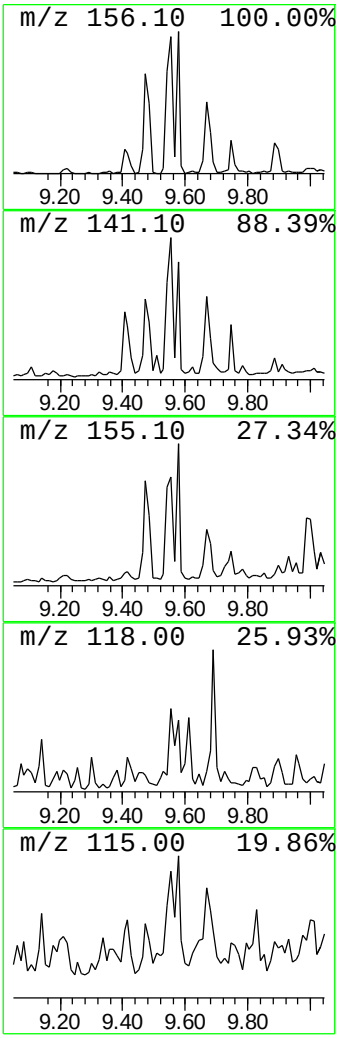
****

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	9.24 ng	358830	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

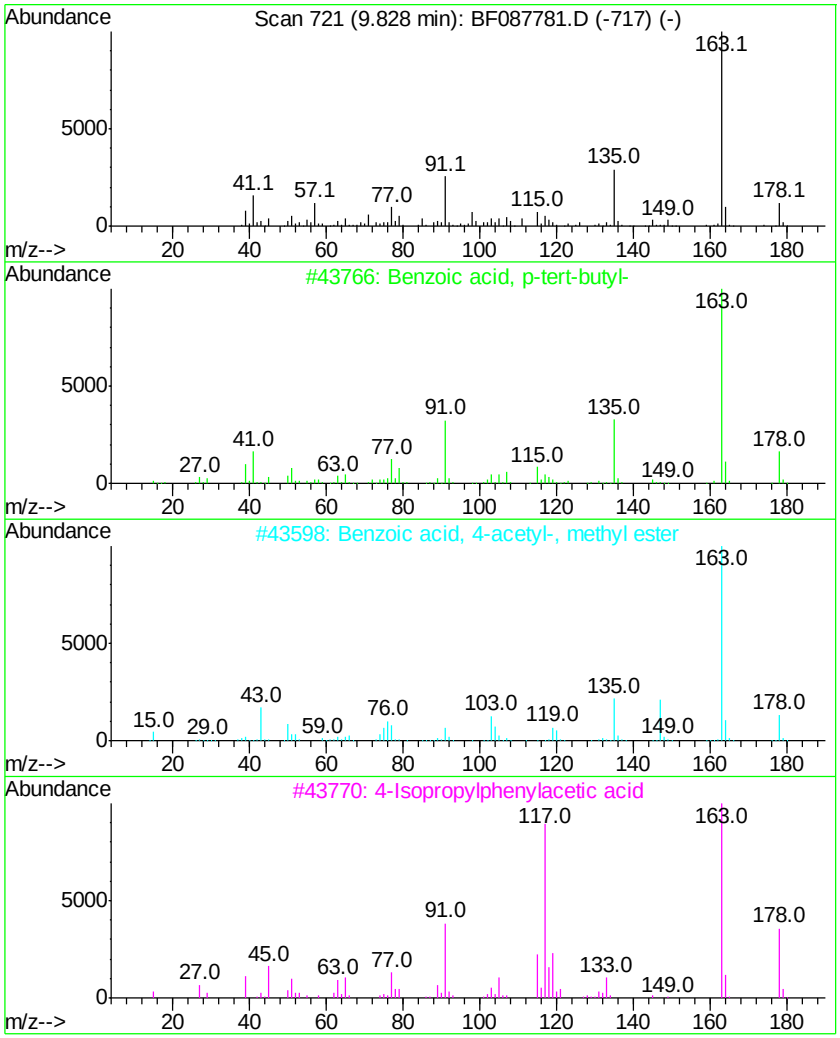
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

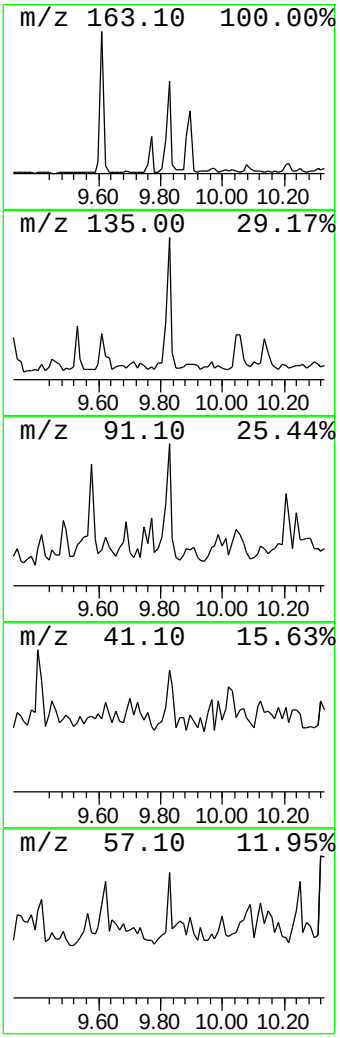
****

Peak Number 14 Benzoic acid, p-tert-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	10.62 ng	412110	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	59
3	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	50
4	N-(4-Formyl-phenyl)-N-methyl-for...	163	C9H9NO2	079213-80-2	50
5	3-Methyl-2-propionyl-benzoic acid	192	C11H12O3	092945-59-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

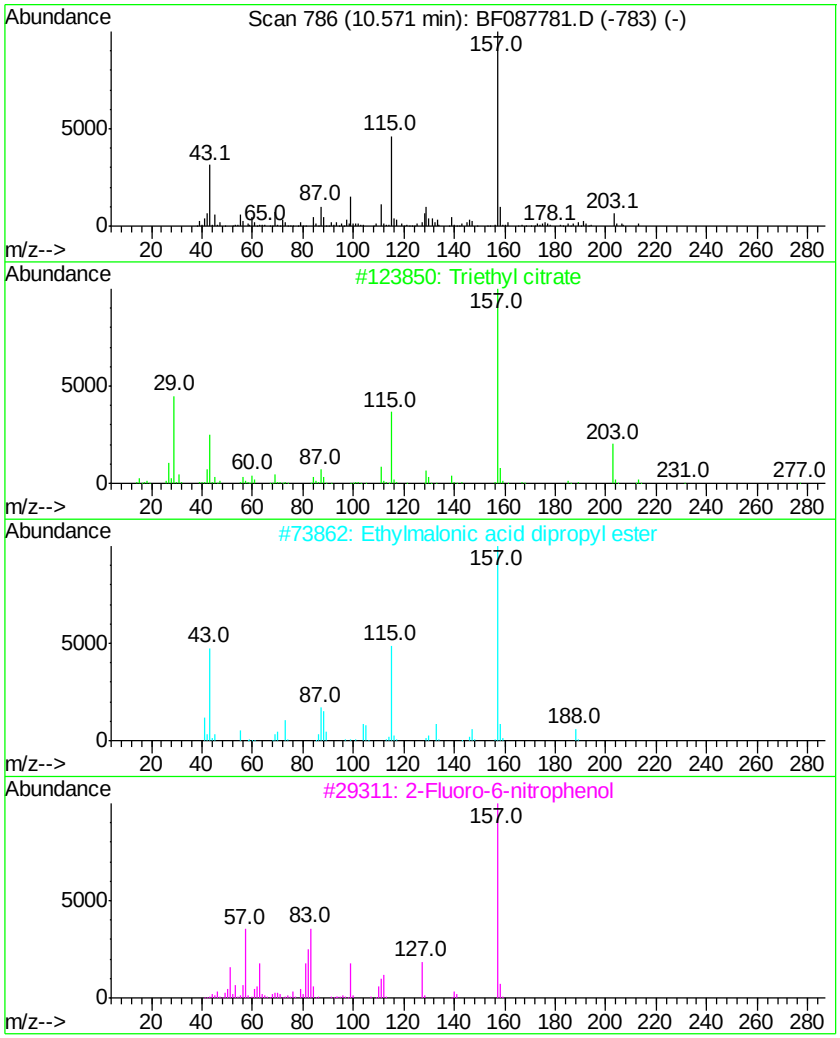
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

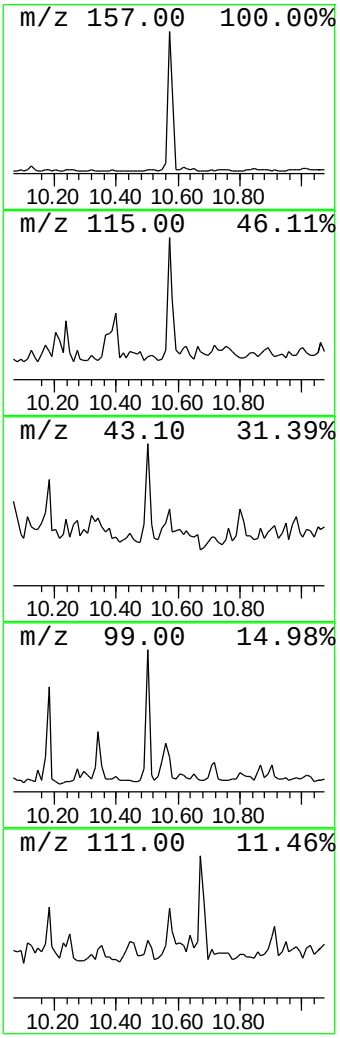
****

Peak Number 15 Triethyl citrate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	9.88 ng	383582	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	80
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	64
3	2-Fluoro-6-nitrophenol	157	C6H4FNO3	001526-17-6	47
4	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	42
5	Adipic acid, ethyl pent-4-en-2-y...	242	C13H22O4	1000354-11-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

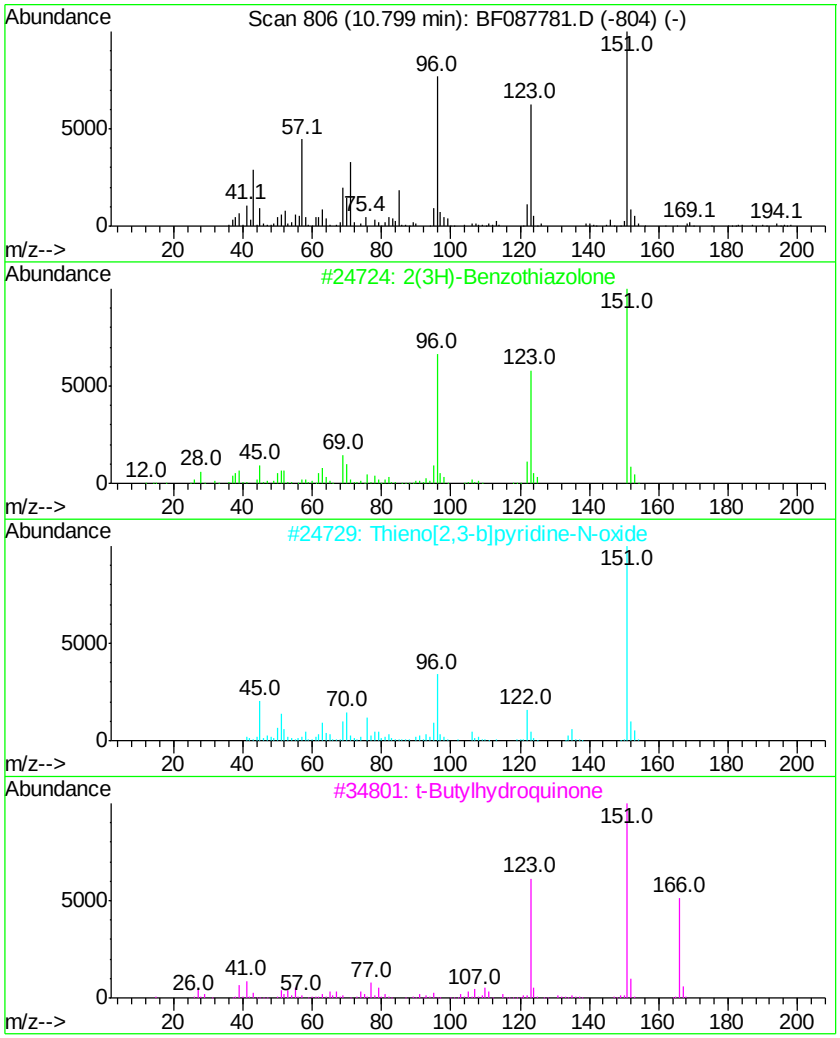
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

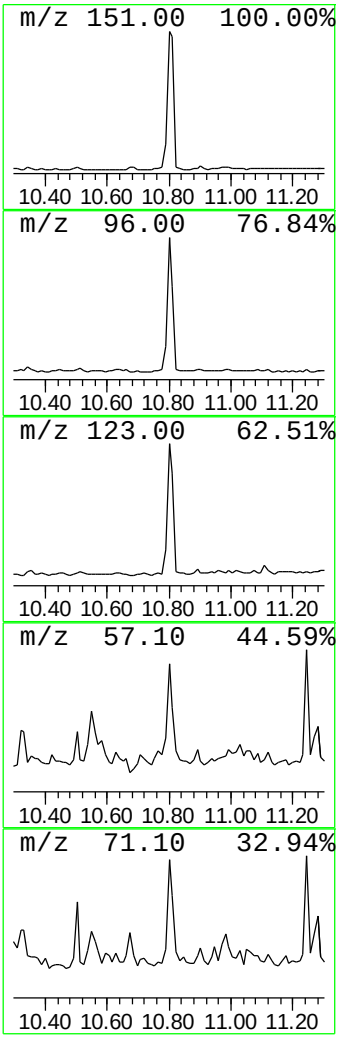
****

Peak Number 16 2(3H)-Benzothiazolone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	15.77 ng	517204	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	87
2	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	50
3	t-Butylhydroquinone	166	C10H14O2	001948-33-0	38
4	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	27
5	2(3H)-Benzoxazolethione	151	C7H5NOS	002382-96-9	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

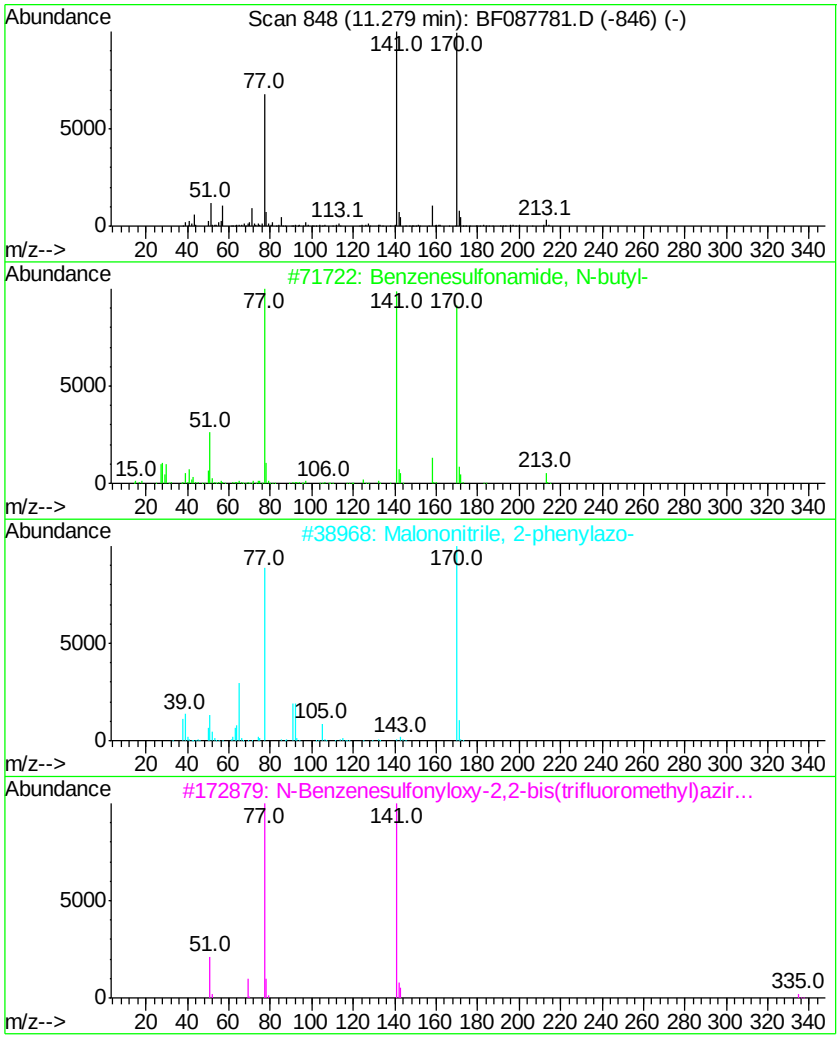
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

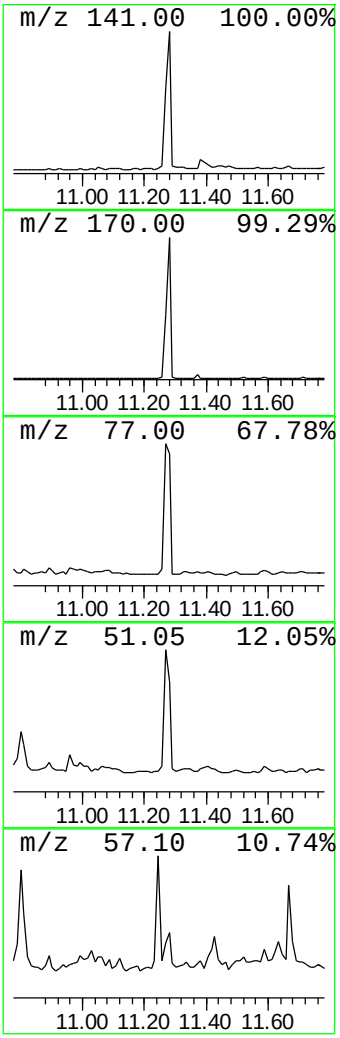
****

Peak Number 17 Benzenesulfonamide, N-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	9.50 ng	311548	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	Malononitrile, 2-phenylazo-	170	C9H6N4	1000316-88-1	38
3	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	38
4	l-Isoleucine, N-allyloxycarbonyl...	313	C17H31NO4	1000313-55-5	22
5	9-Thiabicyclo[3.3.1]nonane-2,6-d...	170	C8H10O2S	037918-35-7	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

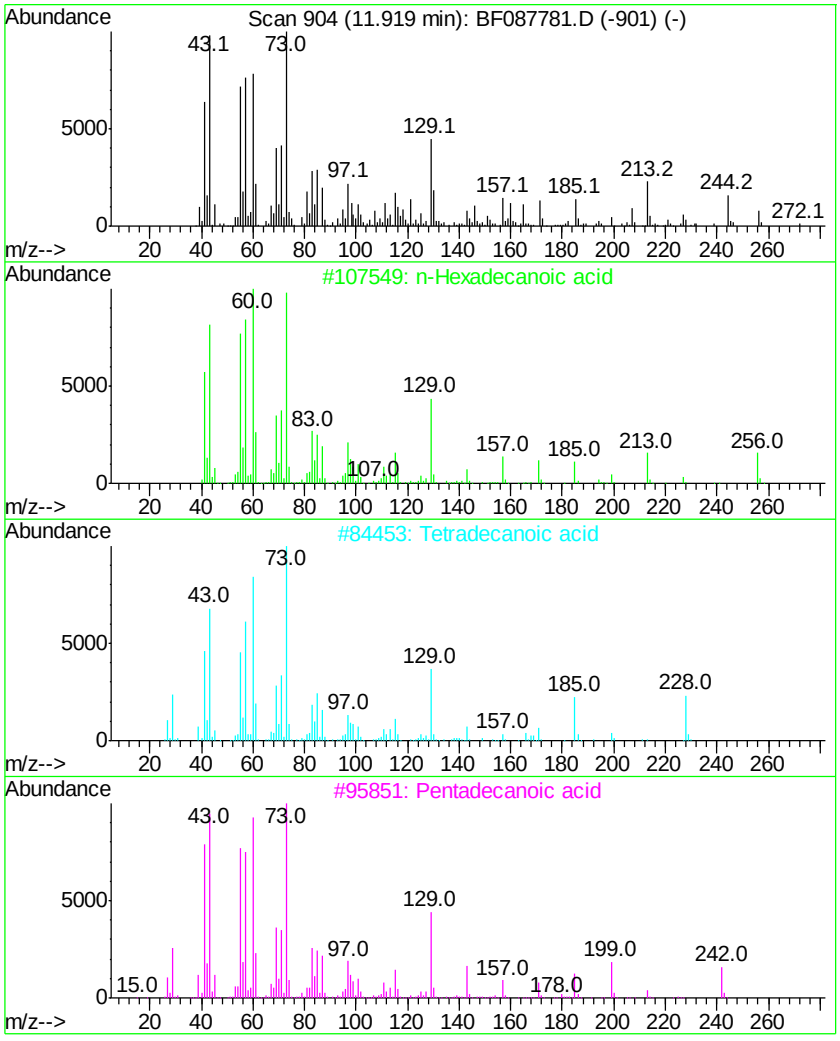
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

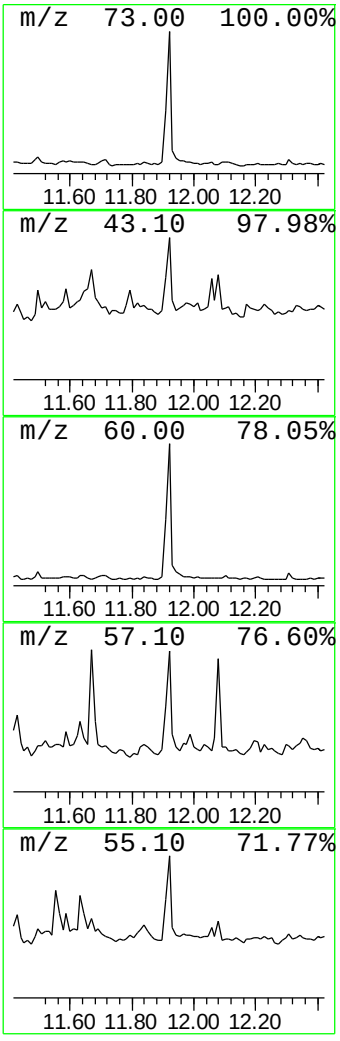
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	12.12 ng	397664	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

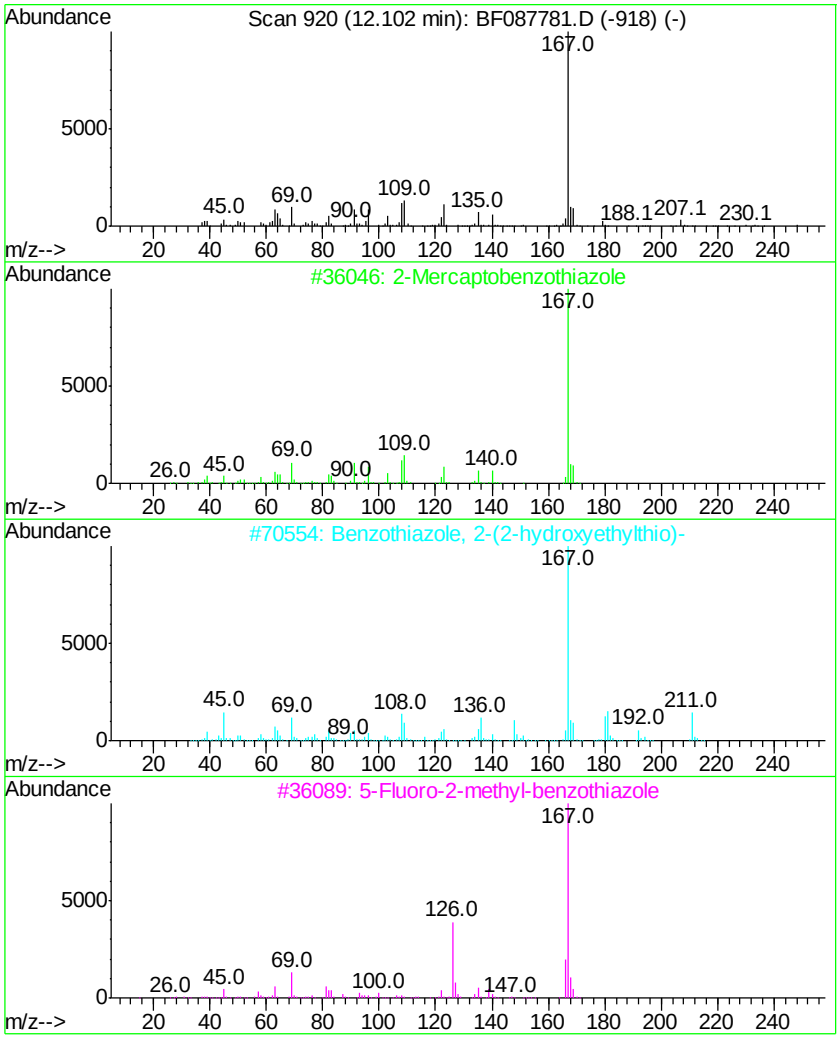
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

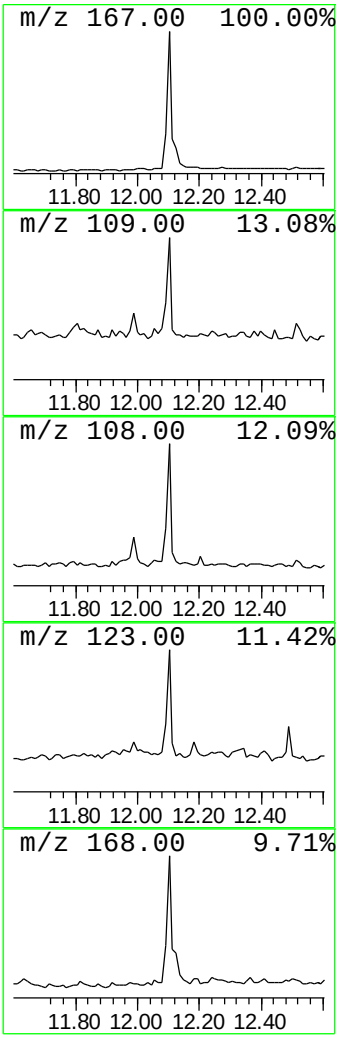
****

Peak Number 19 2-Mercaptobenzothiazole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	12.98 ng	425827	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
2	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	78
3	5-Fluoro-2-methyl-benzothiazole	167	C8H6FNS	000399-75-7	50
4	1-Butanone, 3-methyl-1-(2,4,6-tr...	224	C12H16O4	049583-27-9	47
5	Benzoic acid, 2-(trifluoroacetyl...	264	C10H7F3O3S	1000375-16-3	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

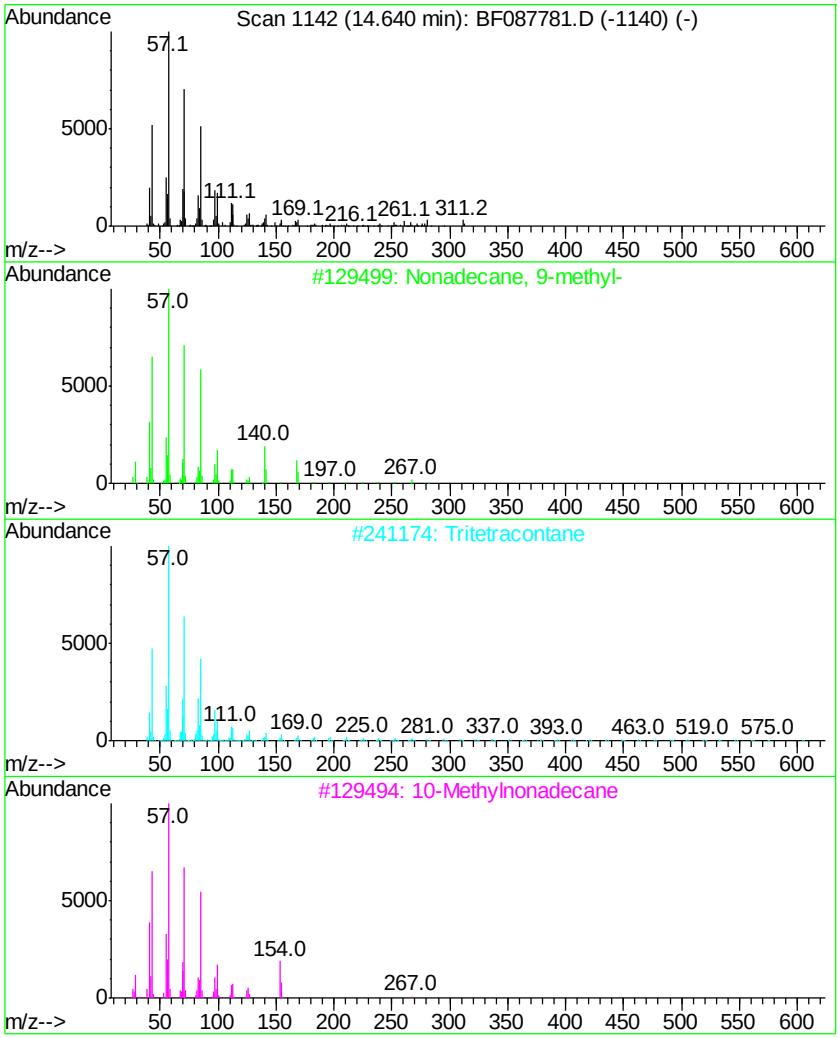
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

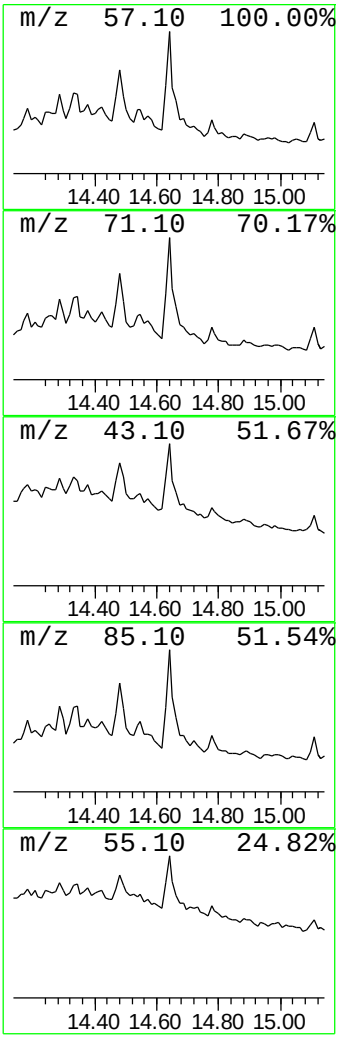
****

Peak Number 20 Nonadecane, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	17.83 ng	455632	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087781.D
Acq On : 7 Jun 2016 7:59
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	53.7	ng	2067680	1	6.84	770432	20.0
1-Hexanol, 2-ethyl-	6.92	9.5	ng	365579	1	6.84	770432	20.0
unknown7.07	7.07	9.4	ng	362707	1	6.84	770432	20.0
unknown7.34	7.34	11.8	ng	452885	1	6.84	770432	20.0
Benzene, 1,2,4,5-...	7.62	16.8	ng	1007790	2	8.14	1198990	20.0
Benzene, 2-etheny...	7.87	12.3	ng	738136	2	8.14	1198990	20.0
Naphthalene, 2,3-...	9.55	9.2	ng	358830	3	9.88	776274	20.0
Benzoic acid, p-t...	9.83	10.6	ng	412110	3	9.88	776274	20.0
Triethyl citrate	10.57	9.9	ng	383582	3	9.88	776274	20.0
2(3H)-Benzothiazo...	10.80	15.8	ng	517204	4	11.37	655961	20.0
Benzenesulfonamid...	11.28	9.5	ng	311548	4	11.37	655961	20.0
n-Hexadecanoic acid	11.92	12.1	ng	397664	4	11.37	655961	20.0
2-Mercaptobenzoth...	12.10	13.0	ng	425827	4	11.37	655961	20.0
Nonadecane, 9-met...	14.64	17.8	ng	455632	5	14.00	511125	20.0