LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

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-BF101316.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	5.114	240	243	248	rBV	556438	821185	9.54%	0.463%
2	5.526	277	279	282	rBV	2710888	3024916	35.14%	1.704%
3	5.937	312	315	317	rBV2	189541	296864	3.45%	0.167%
4	5.983	317	319	323	rBV2	118316	244871	2.84%	0.138%
5	6.063	324	326	329	rVB3	263287	386387	4.49%	0.218%
6	6.166	332	335	338	rBV3	684045	869609	10.10%	0.490%
7	6.223	338	340	341	rBV	230505	250957	2.92%	0.141%
8	6.280	344	345	349	rVB2	133383	202358	2.35%	0.114%
9	6.349	349	351	353	rBV	350095	543060	6.31%	0.306%
10	6.451	358	360	364	rBV4	373032	729808	8.48%	0.411%
11	6.554	366	369	373	rBV	2845686	3961057	46.01%	2.231%
12	6.657	376	378	379	rBV	402065	630518	7.32%	0.355%
13	6.691	379	381	385	rVB	3451703	4353703	50.57%	2.452%
14	6.771	385	388	390	rVB3	242640	458968	5.33%	0.259%
15	6.886	392	398	399	rBV3	342824	912869	10.60%	0.514%
16	6.932	399	402	404	rVB2	927261	1791392	20.81%	1.009%
17	6.977	404	406	408	rVB	448329	499234	5.80%	0.281%
18	7.034	408	411	412	rBV2	427897	723900	8.41%	0.408%
19	7.069	412	414	416	rBV	2611448	3683651	42.79%	2.075%
20	7.194	420	425	427	rVB3	694455	1745715	20.28%	0.983%
21	7.240	427	429	430	rBV2	373986	487670	5.66%	0.275%
22	7.274	430	432	433	rVB2	247182	322435	3.75%	0.182%
23	7.320	433	436	437	rBV2	764514	921734	10.71%	0.519%
24	7.343	437	438	441	rVB3	254026	388195	4.51%	0.219%
25	7.457	445	448	449	rBV2	2041232	2601016	30.21%	1.465%
26	7.492	449	451	455	rVB3	1649700	3268448	37.97%	1.841%
27	7.572	455	458	460	rVB2	941760	1390285	16.15%	0.783%
28	7.629	460	463	465	rBV2	550033	1221756	14.19%	0.688%
29	7.697	465	469	471	rBV3	1067048	2307521	26.80%	1.300%
30	7.732	471	472	474	rVB	1198848	845764	9.82%	0.476%
31	7.823	477	480	481	rBV3	1003719	2111281	24.52%	1.189%
32	7.846	481	482	484	rVB2	1136811	1227397	14.26%	0.691%
33	7.892	484	486	487	rVB2	616512	767547	8.92%	0.432%
34	7.926	487	489	490	rVB	182343	202182	2.35%	0.114%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.972	490	493	496	rVB4	656438	1271764	14.77%	0.716%
36	8.029	496	498	500	rBV3	815242	1039957	12.08%	0.586%
37	8.074	500	502	504	rBV	758030	1112654	12.92%	0.627%
38	8.166	507	510	511	rBV3	1029820	1797785	20.88%	1.013%
39	8.200	511	513	517	rVV4	1677166	3891034	45.20%	2.192%
40	8.257	517	518	521	rVB2	1398840	2777435	32.26%	1.565%
41	8.383	526	529	530	rBV2	514568	1260594	14.64%	0.710%
42	8.406	530	531	533	rVB2	887225	1143292	13.28%	0.644%
43	8.452	533	535	537	rBV3	333098	757360	8.80%	0.427%
44	8.497	537	539	541	rVB3	1386894	2525763	29.34%	1.423%
45	8.600	546	548	549	rVB	1054092	1332980	15.48%	0.751%
46	8.635	549	551	554	rBV2	2697044	4251987	49.39%	2.395%
47	8.715	556	558	560	rBV2	734115	1265800	14.70%	0.713%
48	8.760	560	562	564	rBV3	438091	691391	8.03%	0.389%
49	8.806	564	566	568	rBV2	815822	1439539	16.72%	0.811%
50	8.840	568	569	570	rBV	412194	484189	5.62%	0.273%
51	8.897	573	574	576	rVB2	1570068	1912723	22.22%	1.077%
52	8.966	576	580	581	rBV4	797534	1342729	15.60%	0.756%
53	9.012	581	584	585	rBV3	740390	1769572	20.56%	0.997%
54	9.035	585	586	587	rBV	821190	594545	6.91%	0.335%
55	9.126	590	594	595	rBV4	1157998	2127062	24.71%	1.198%
56	9.160	595	597	598	rBV	289480	352507	4.09%	0.199%
57	9.240	602	604	606	rBV2	3871356	3933778	45.69%	2.216%
58	9.286	606	608	613	rVB	3866374	4347493	50.50%	2.449%
59	9.366	613	615	618	rBV3	1178029	2363270	27.45%	1.331%
60	9.435	620	621	625	rVB4	850951	1030853	11.97%	0.581%
61	9.492	625	626	628	rVB2	902271	926000	10.76%	0.522%
62	9.560	630	632	634	rVB2	649713	562892	6.54%	0.317%
63	9.629	634	638	641	rBV2	2779540	4168911	48.43%	2.348%
64	9.697	641	644	645	rBV2	4690679	5728284	66.54%	3.227%
65	9.743	647	648	654	rVB5	1589177	2406367	27.95%	1.356%
66	9.835	654	656	658	rBV3	980056	1459238	16.95%	0.822%
67	9.880	658	660	662	rBV3	1331214	1303636	15.14%	0.734%
68	9.972	664	668	669	rBV4	1659642	3279366	38.09%	1.847%
69	10.006	669	671	672	rBV2	1165487	1256152	14.59%	0.708%
70	10.075	675	677	679	rVB	1360430	1652140	19.19%	0.931%
71	10.120	679	681	683	rBV3	551469	1055859	12.26%	0.595%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.166	683	685	687	rBV	2034629	2563526	29.78%	1.444%
73	10.212	687	689	690	rBV	1637935	1753814	20.37%	0.988%
74	10.292	694	696	697	rBV	2085591	2882836	33.49%	1.624%
75	10.383	702	704	706	rBV2	1357402	2479734	28.80%	1.397%
76	10.429	706	708	709	rBV	495423	481719	5.60%	0.271%
77	10.509	713	715	716	rBV2	1395339	1867139	21.69%	1.052%
78	10.623	723	725	727	rVB	4367880	5106158	59.31%	2.876%
79	10.669	727	729	732	rVB3	1097316	2061669	23.95%	1.161%
80	10.738	733	735	736	rBV2	734456	757723	8.80%	0.427%
81	10.760	736	737	739	rVV2	2253681	1870842	21.73%	1.054%
82	10.898	746	749	751	rBV2	6208181	8608819	100.00%	4.849%
83	10.955	752	754	757	rBV3	839998	1553240	18.04%	0.875%
84	11.069	761	764	765	rVV3	686073	1100870	12.79%	0.620%
85	11.092	765	766	770	rVB2	1267962	2091865	24.30%	1.178%
86	11.355	786	789	792	rVB	4636149	5686643	66.06%	3.203%
87	11.458	796	798	805	rVB2	2006137	4061808	47.18%	2.288%
88	11.572	806	808	809	rBV2	502766	615605	7.15%	0.347%
89	11.698	817	819	824	rVB2	1586056	2821729	32.78%	1.590%
90	11.983	840	844	846	rVB	854840	1772273	20.59%	0.998%
91	12.063	849	851	855	rVB	946007	1777488	20.65%	1.001%
92	12.189	860	862	863	rVB	292967	248233	2.88%	0.140%
93	12.441	882	884	888	rVB	641714	1173686	13.63%	0.661%
94	12.509	888	890	892	rBV	770109	816961	9.49%	0.460%
95	12.829	916	918	922	rVB2	239217	488230	5.67%	0.275%
96	12.955	927	929	931	rVV2	222833	293913	3.41%	0.166%
97	13.035	934	936	941	rVB	3429130	4923898	57.20%	2.774%
98	13.926	1011	1014	1021	rVB2	121365	319688	3.71%	0.180%
99	14.086	1026	1028	1038	rVB	808731	1533724	17.82%	0.864%
100	15.550	1154	1156	1162	rBV	561612	996797	11.58%	0.562%

Sum of corrected areas: 177521784

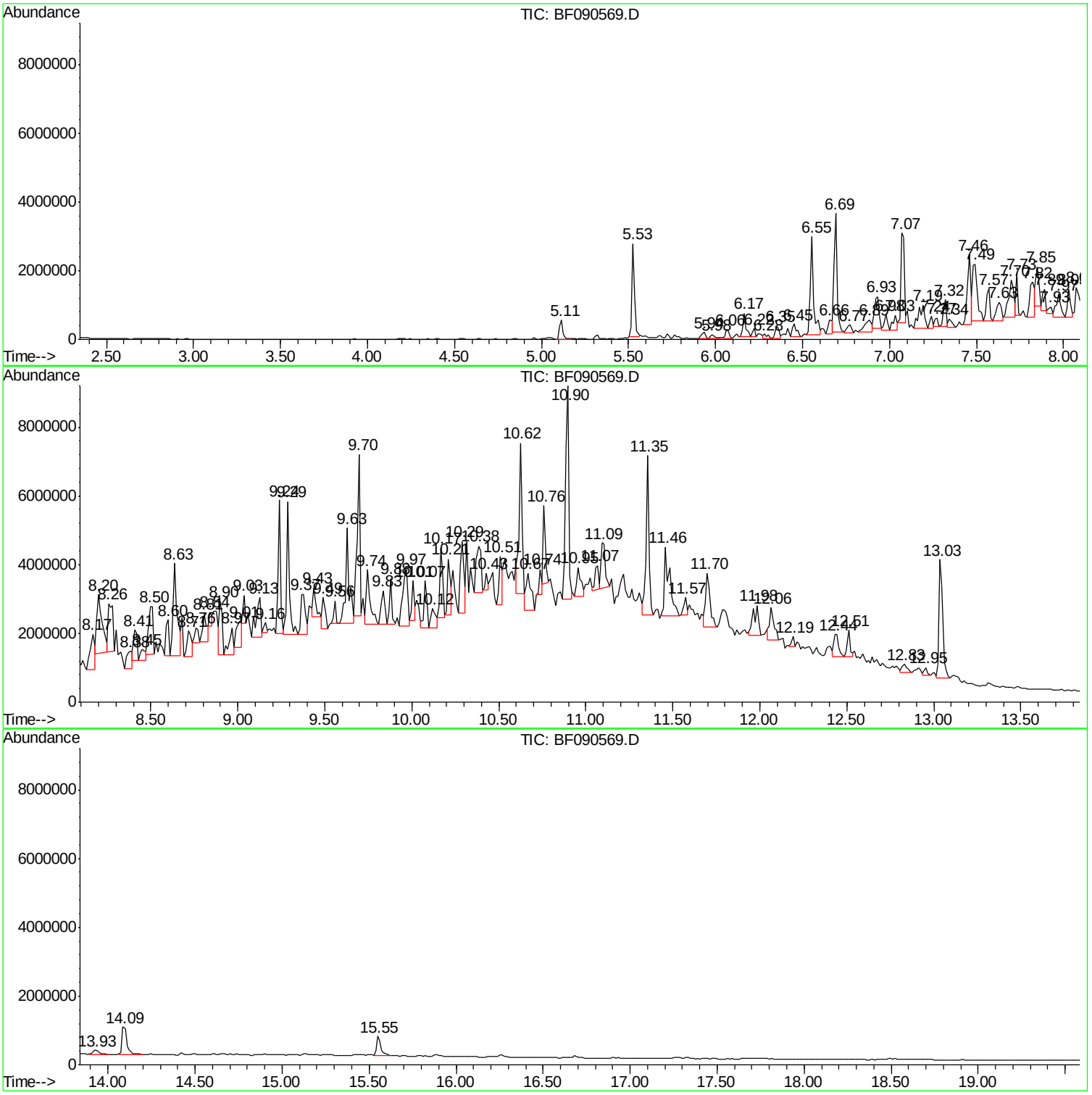
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

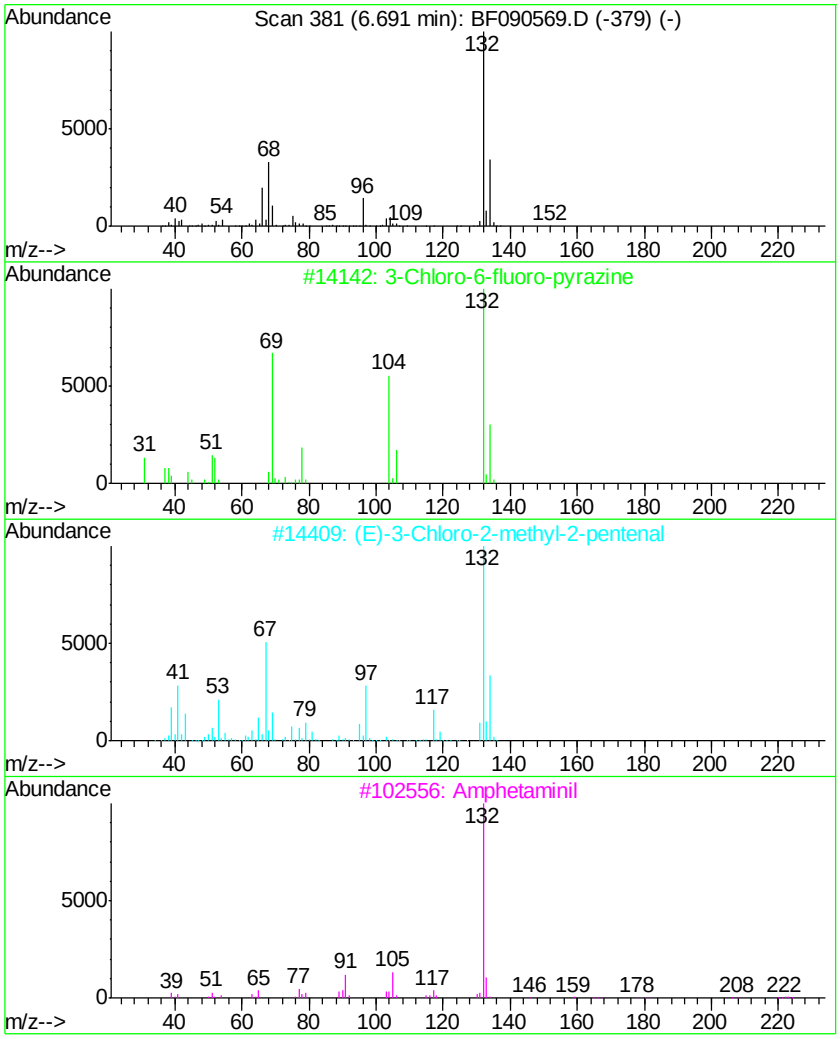
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

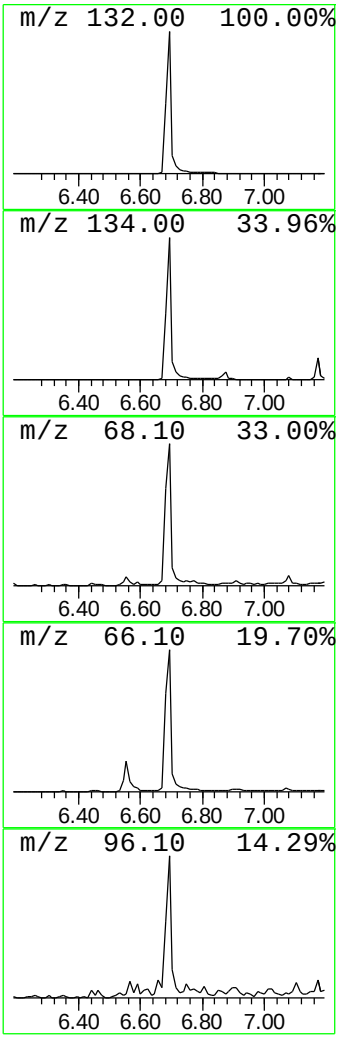
****

Peak Number 1 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	48.61 ng	4353700	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

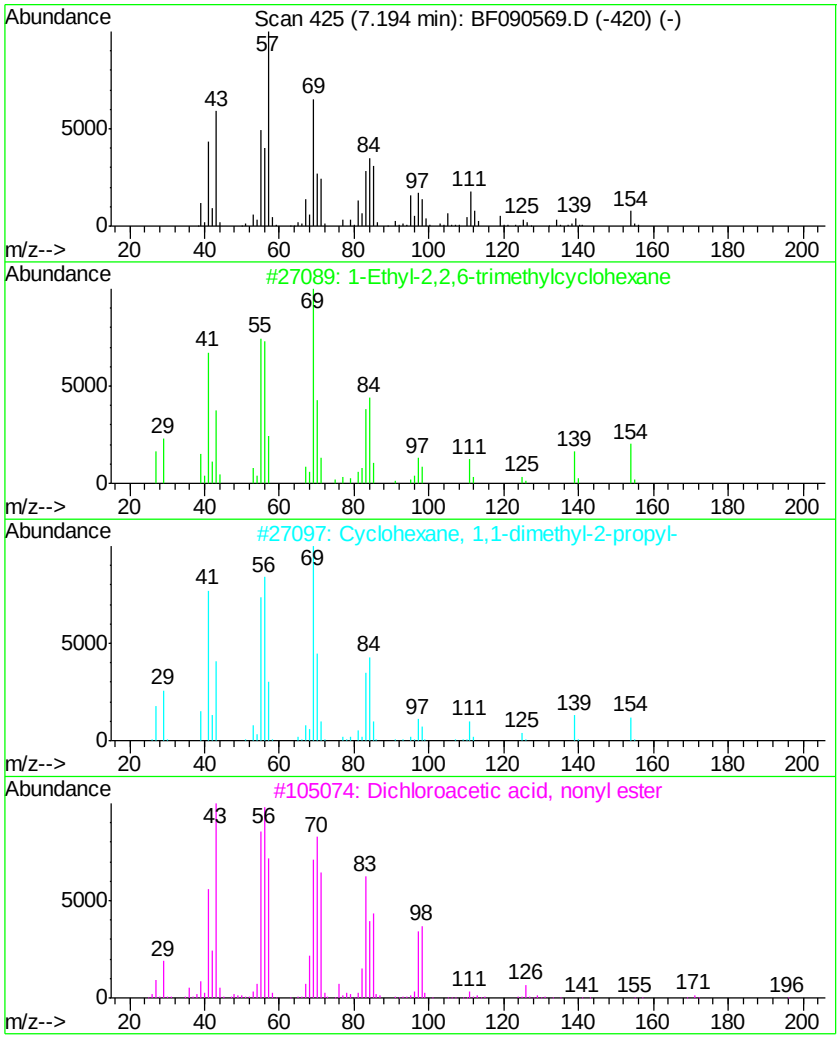
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

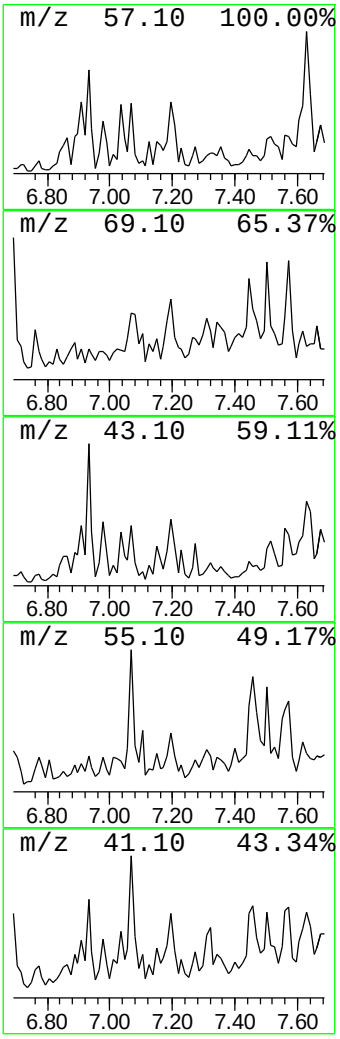
****

Peak Number 3 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	19.49 ng	1745720	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	70
3	Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	53
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

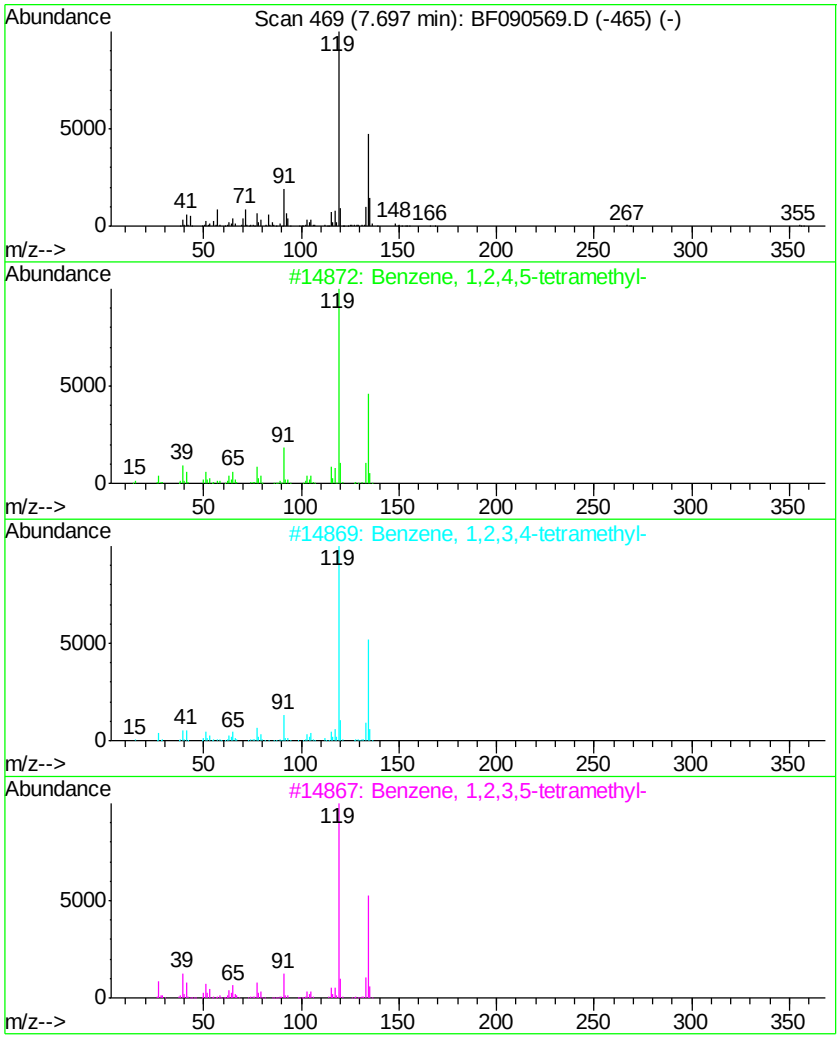
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

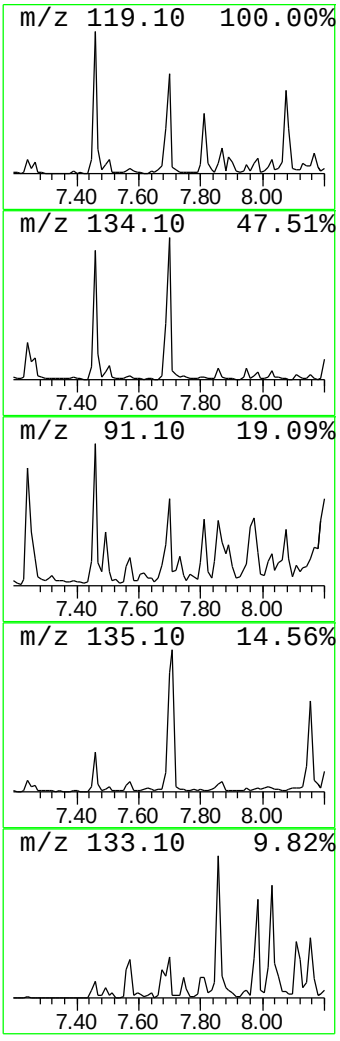
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	11.86 ng	2307520	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90
5	o-Cymene	134	C10H14	000527-84-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

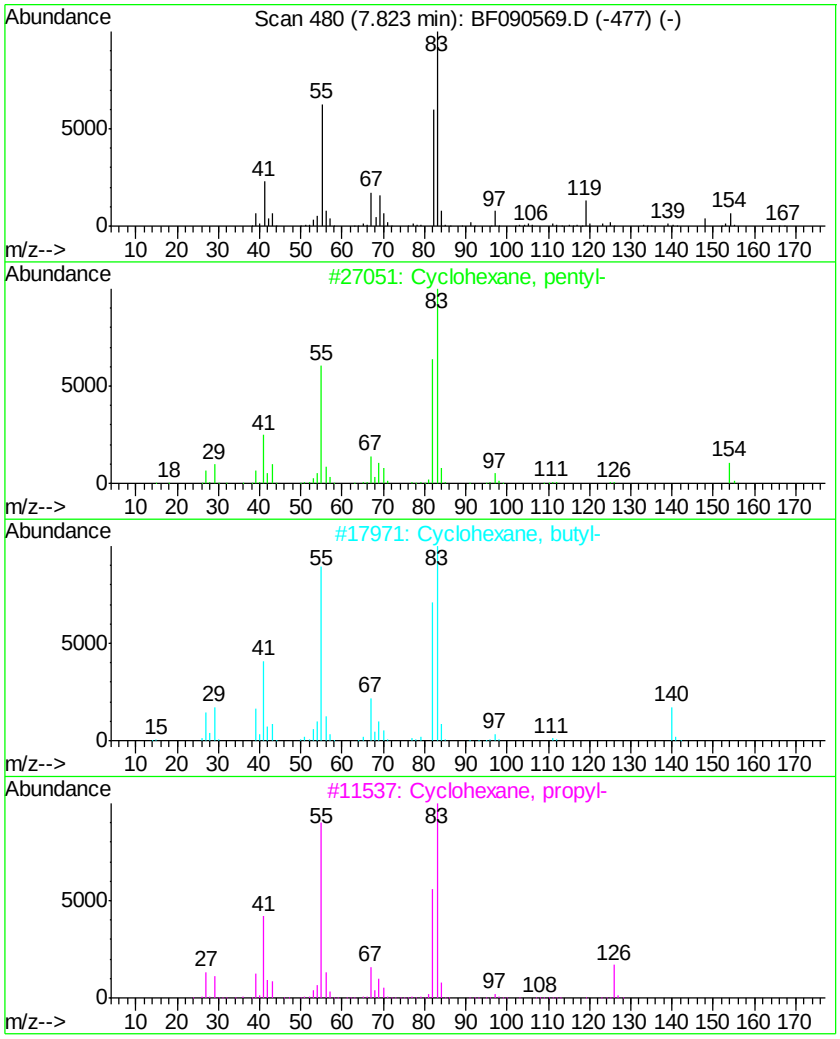
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

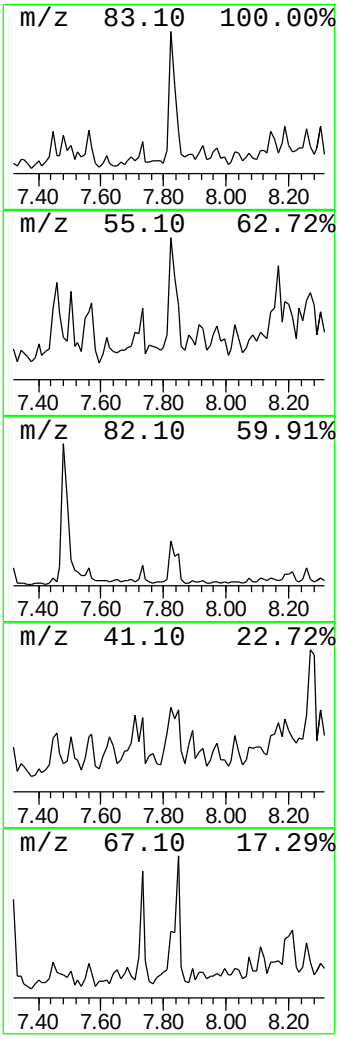
****

Peak Number 5 Cyclohexane, pentyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	10.85 ng	2111280	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

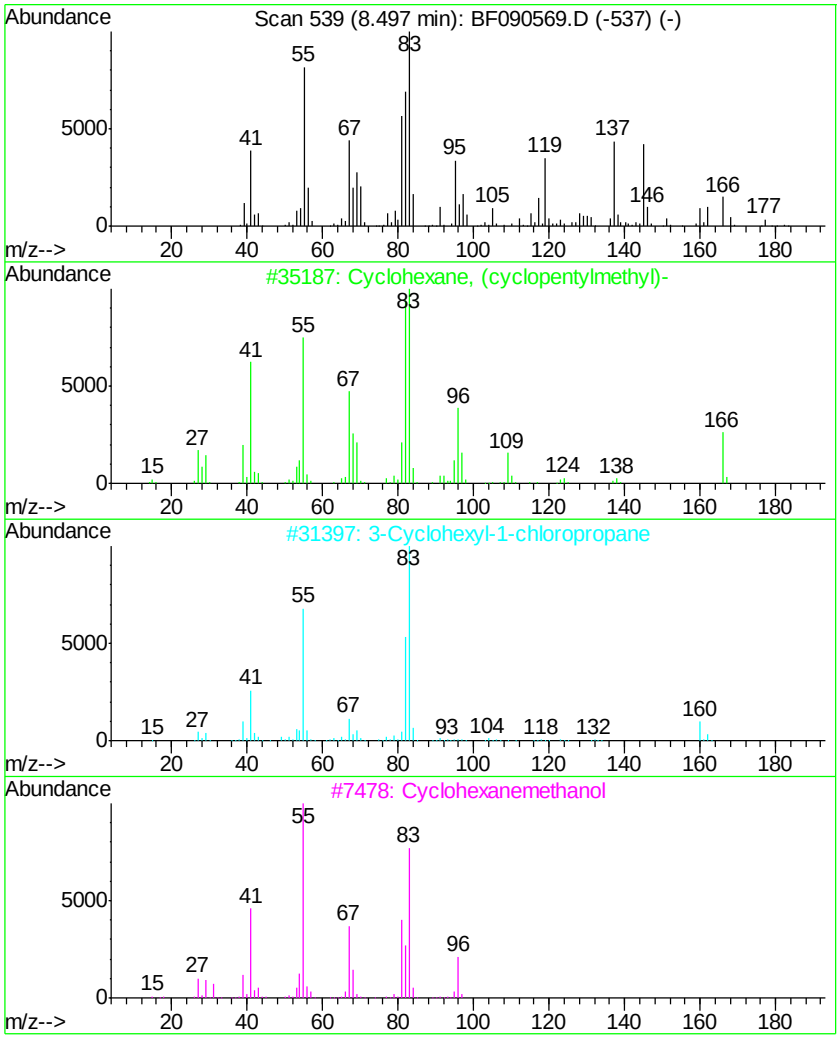
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

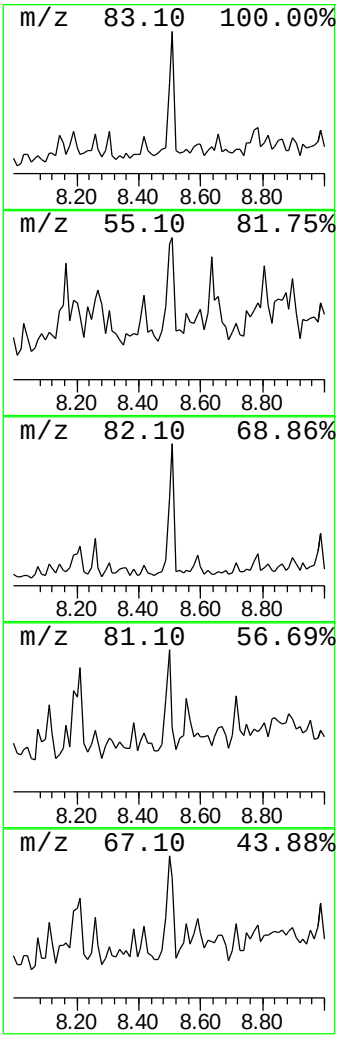
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, (cyclopentylme... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	12.98 ng	2525760	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	43
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
3	Cyclohexanemethanol	114	C7H14O	000100-49-2	35
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

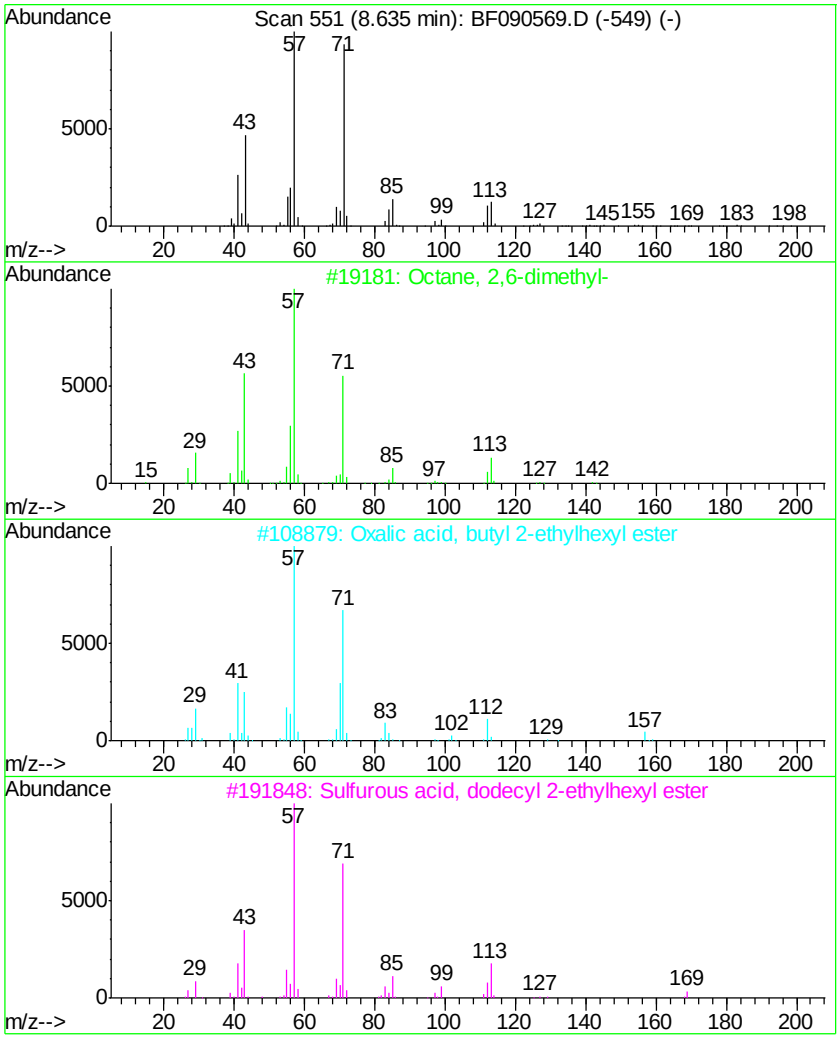
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

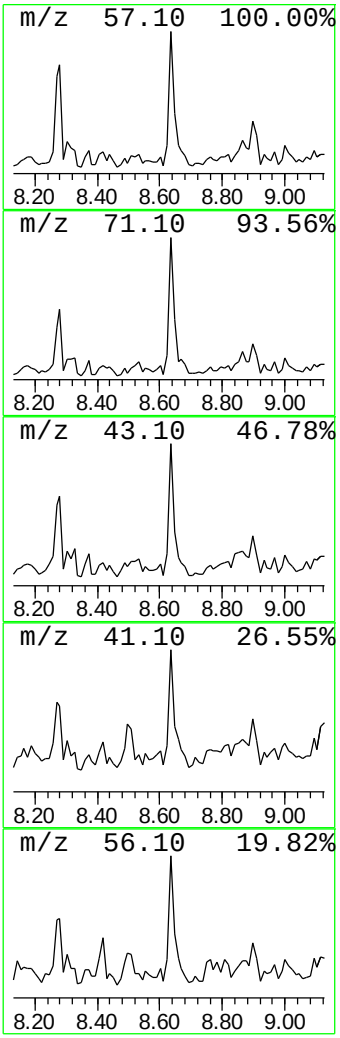
****

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	21.86 ng	4251990	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

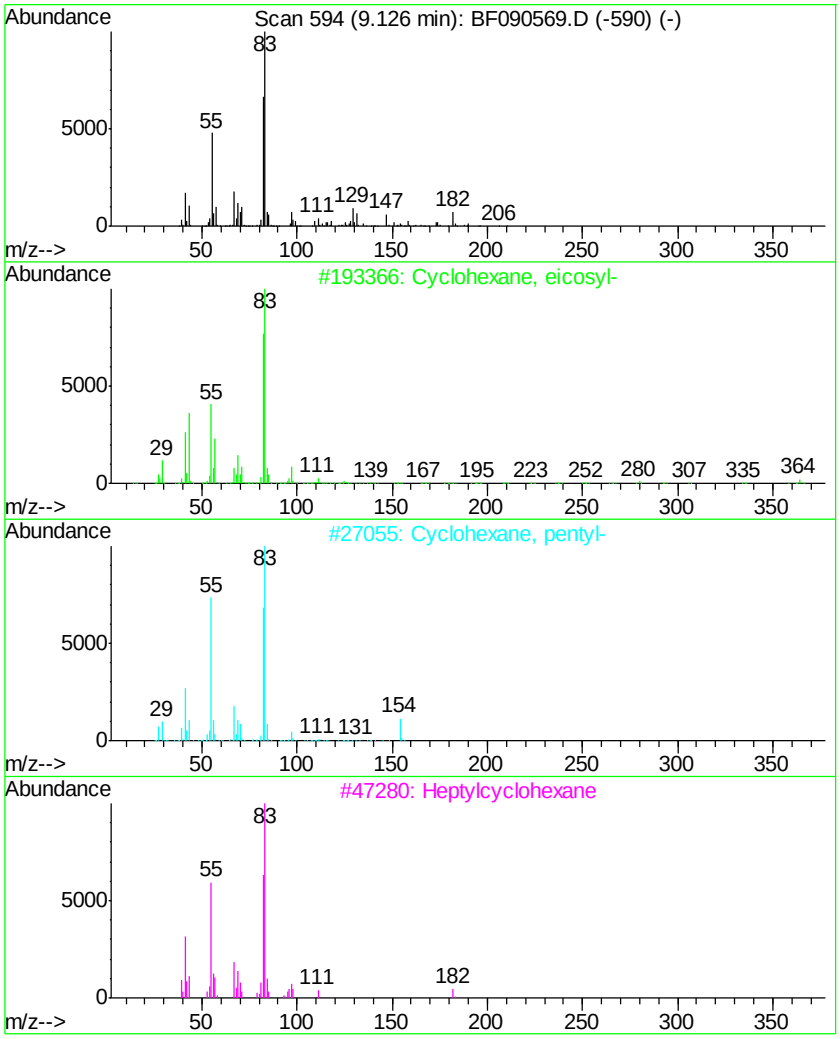
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

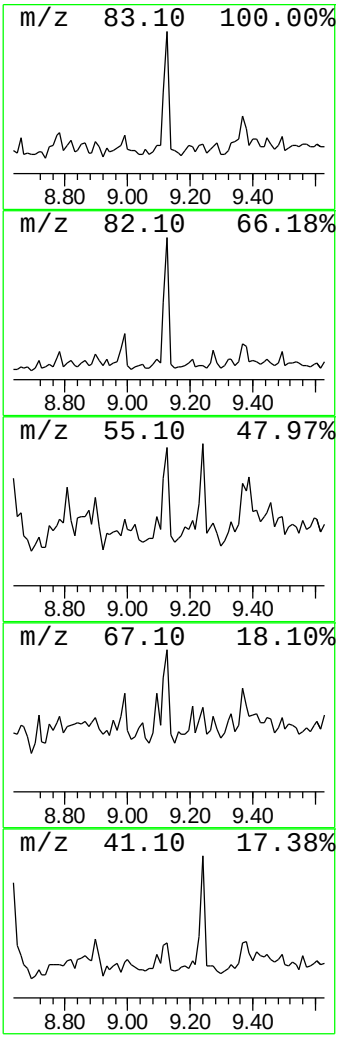
****

Peak Number 8 Cyclohexane, eicosyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	12.97 ng	2127060	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	72
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3	Heptylcyclohexane	182	C13H26	005617-41-4	64
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	64
5	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

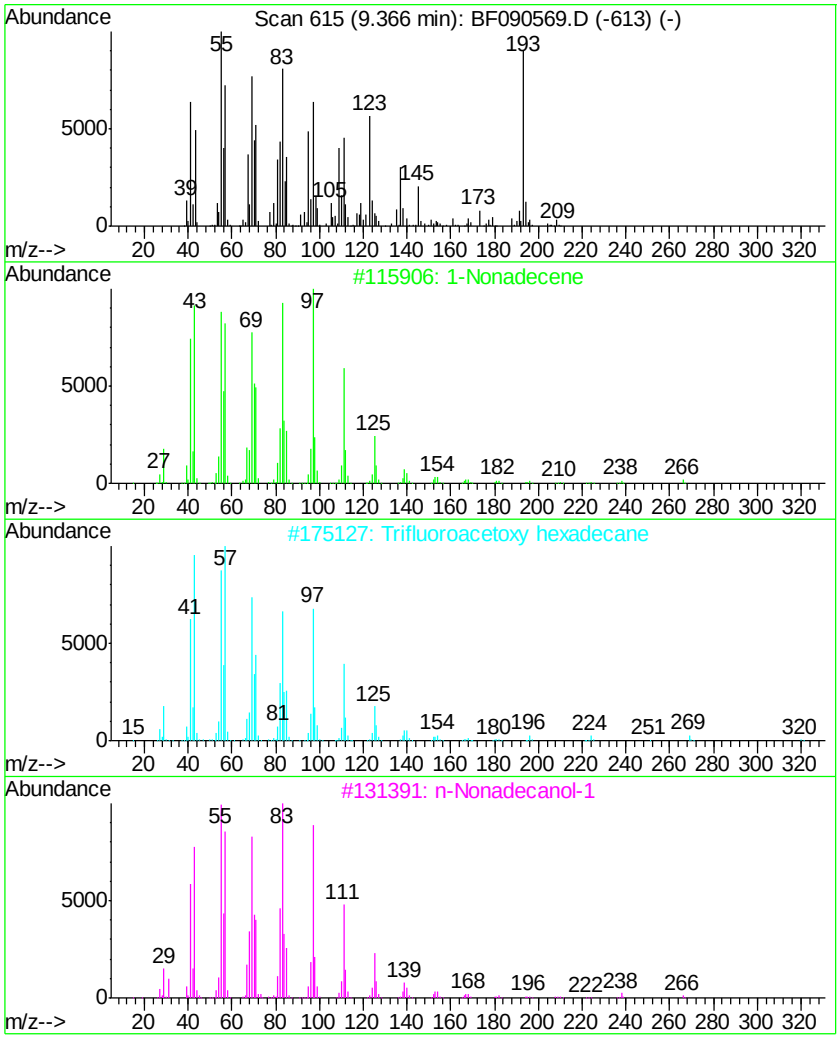
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

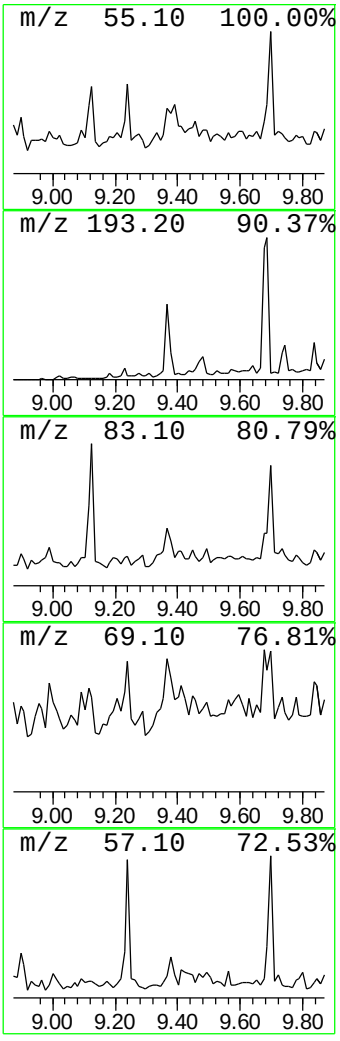
****

Peak Number 9 1-Nonadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	14.41 ng	2363270	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	50
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	43
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	41
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	41
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

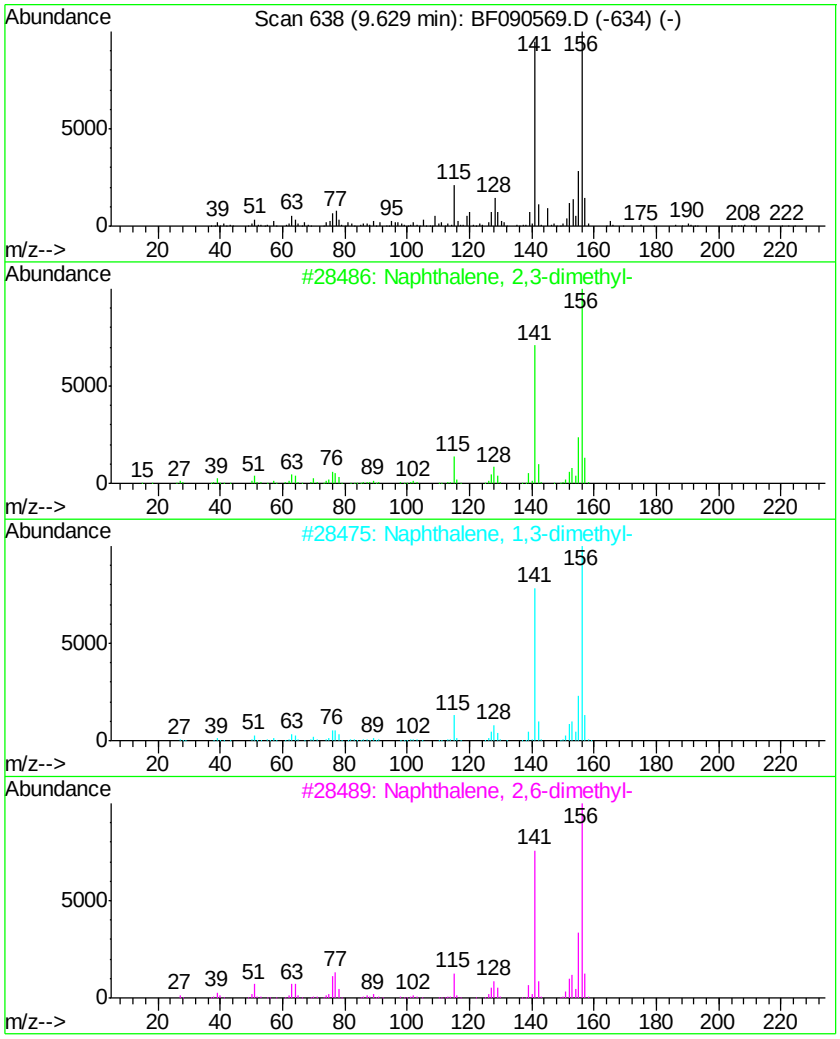
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

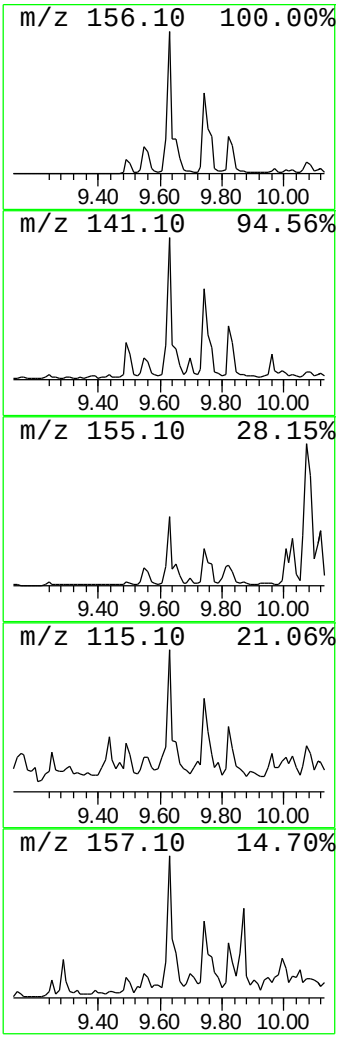
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	25.43 ng	4168910	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

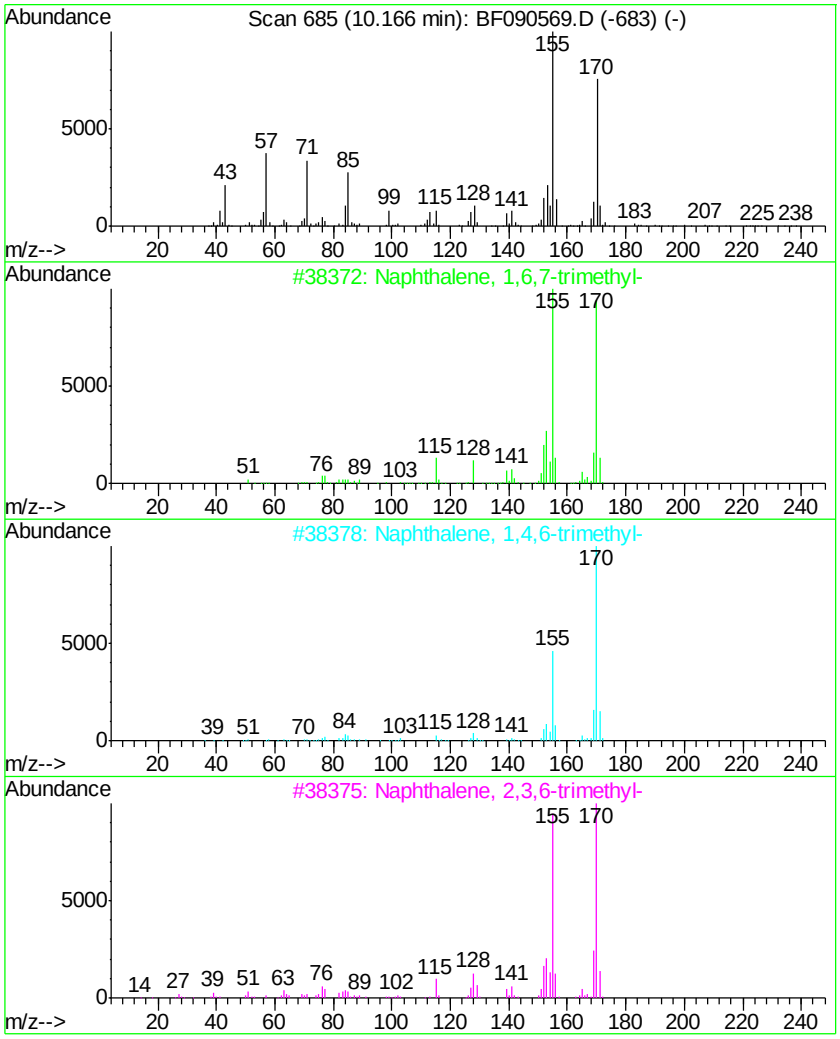
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

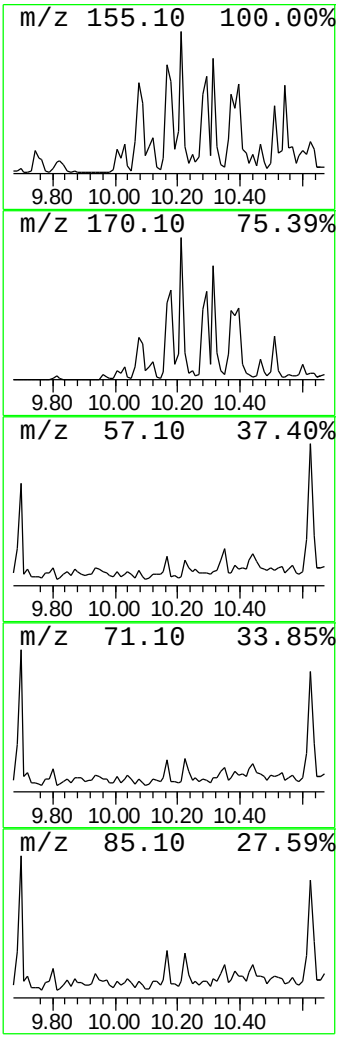
****

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	15.63 ng	2563530	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

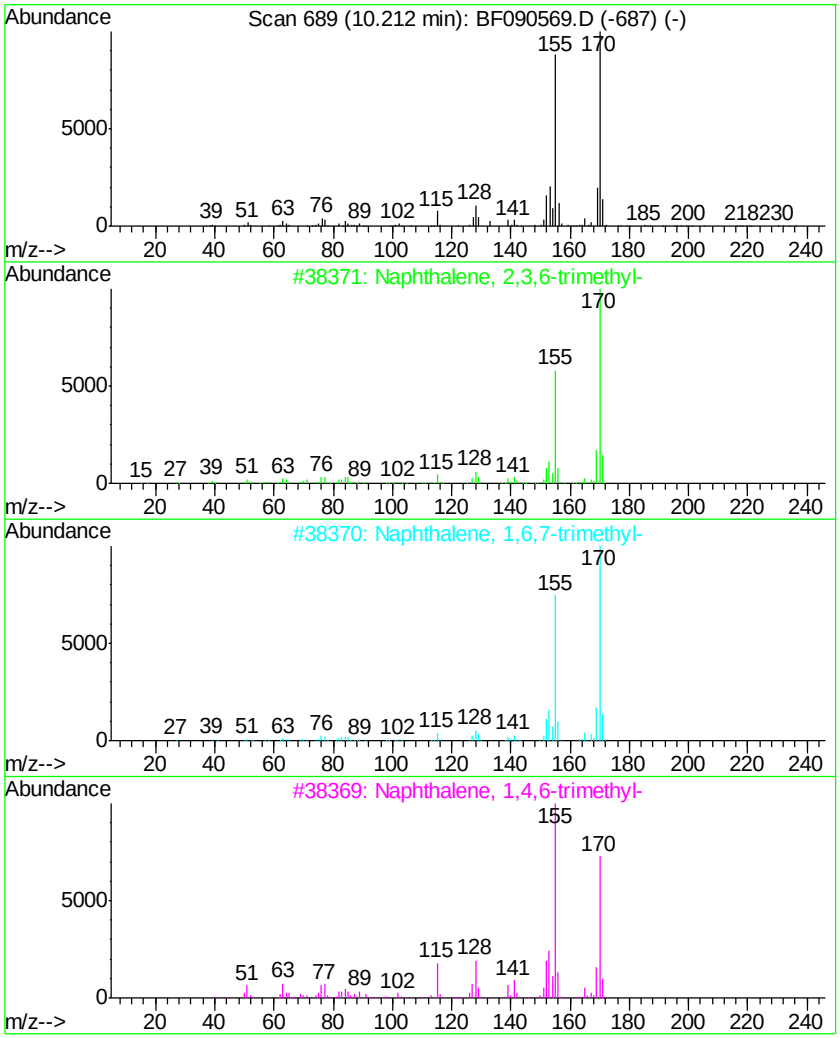
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

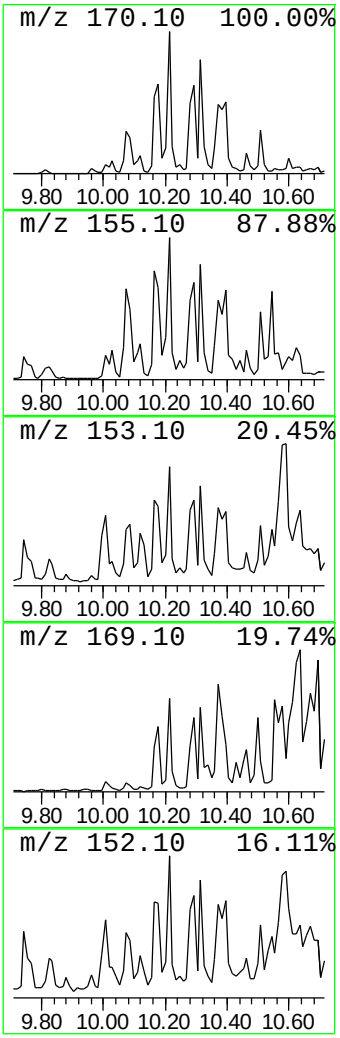
****

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	10.70 ng	1753810	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

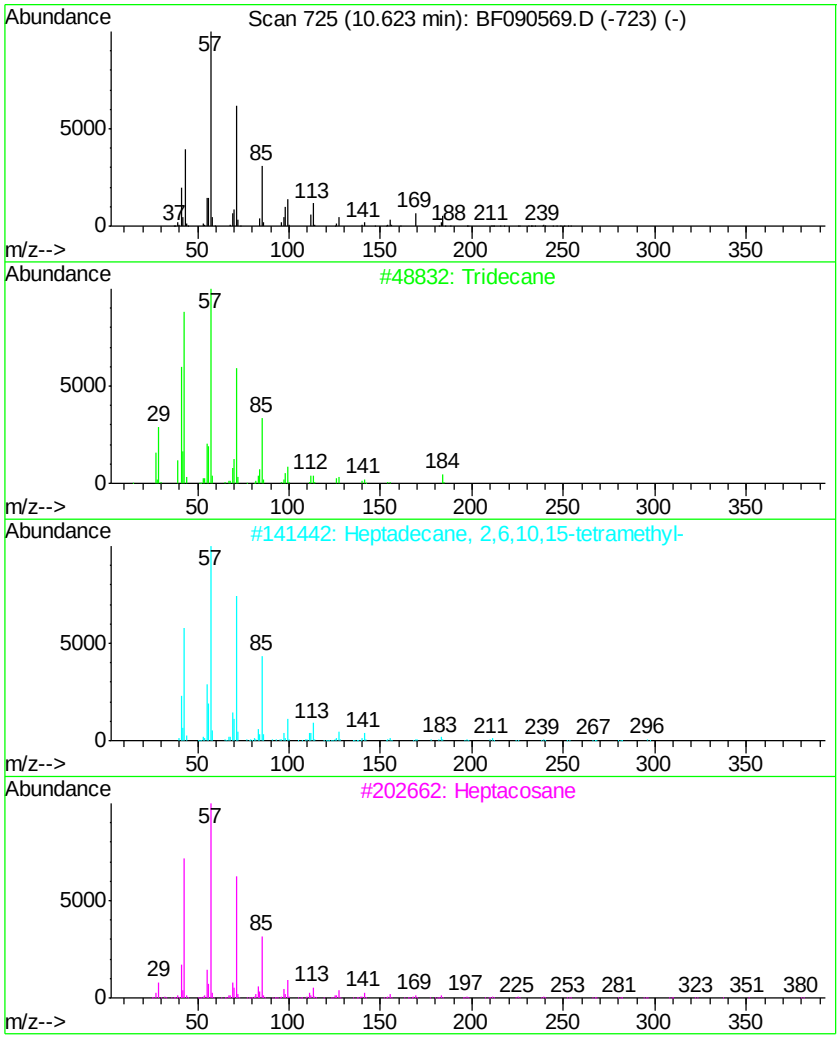
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

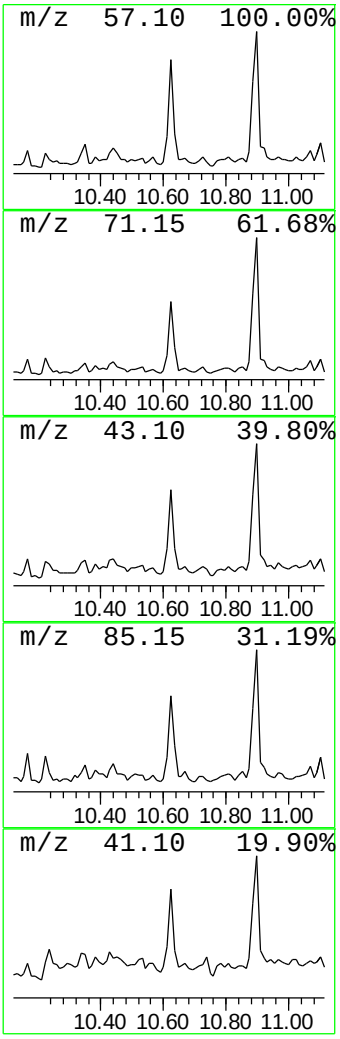
****

Peak Number 16 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	31.14 ng	5106160	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	Hexadecane	226	C16H34	000544-76-3	59
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

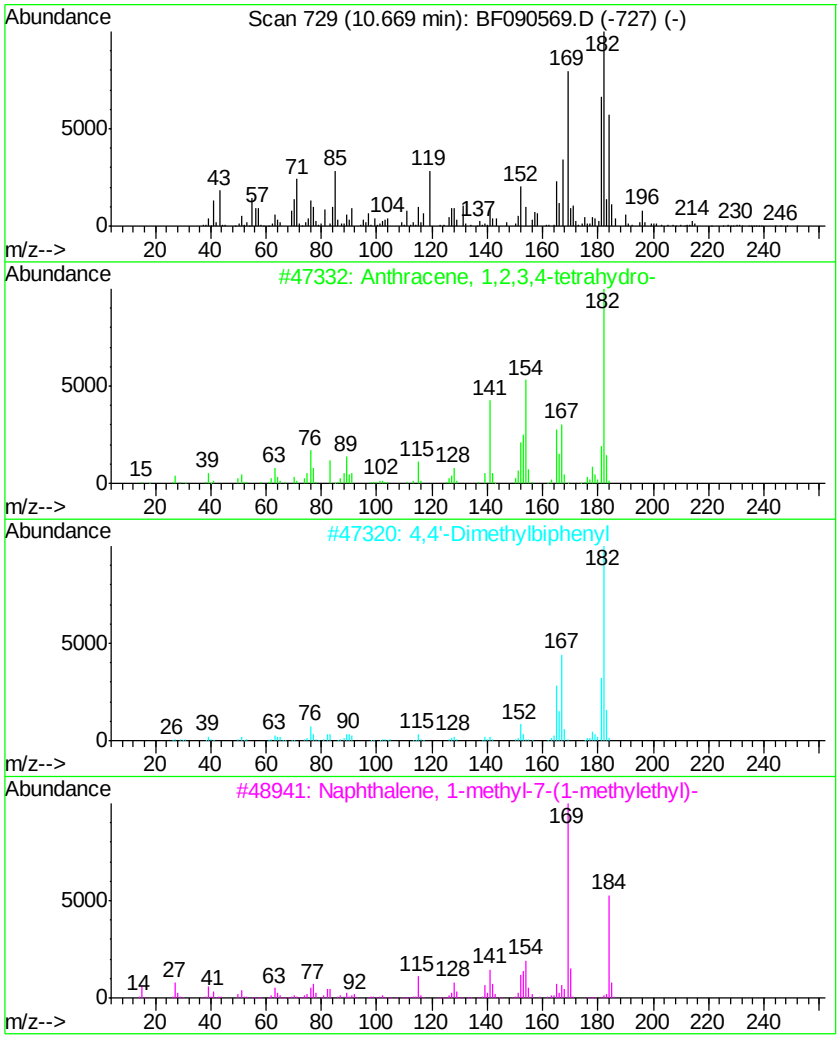
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

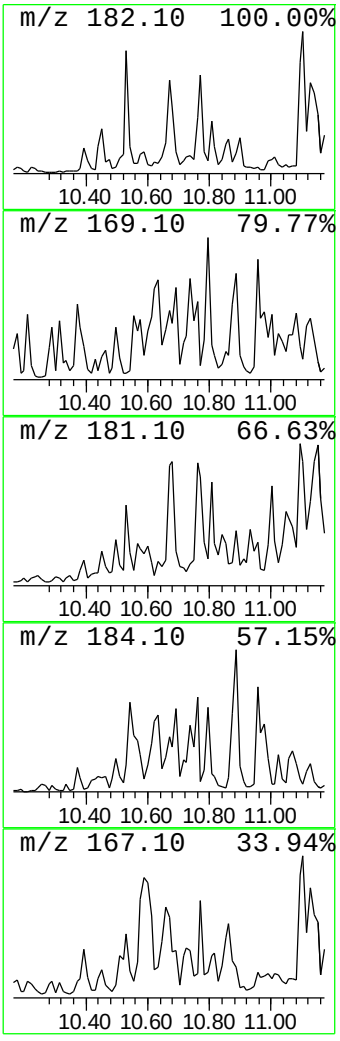
****

Peak Number 17 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	12.57 ng	2061670	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	42
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	42
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	42
4	2-(4-Chlorophenyl)-1,3,2-dioxabo...	182	C8H8BClO2	069519-09-1	38
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

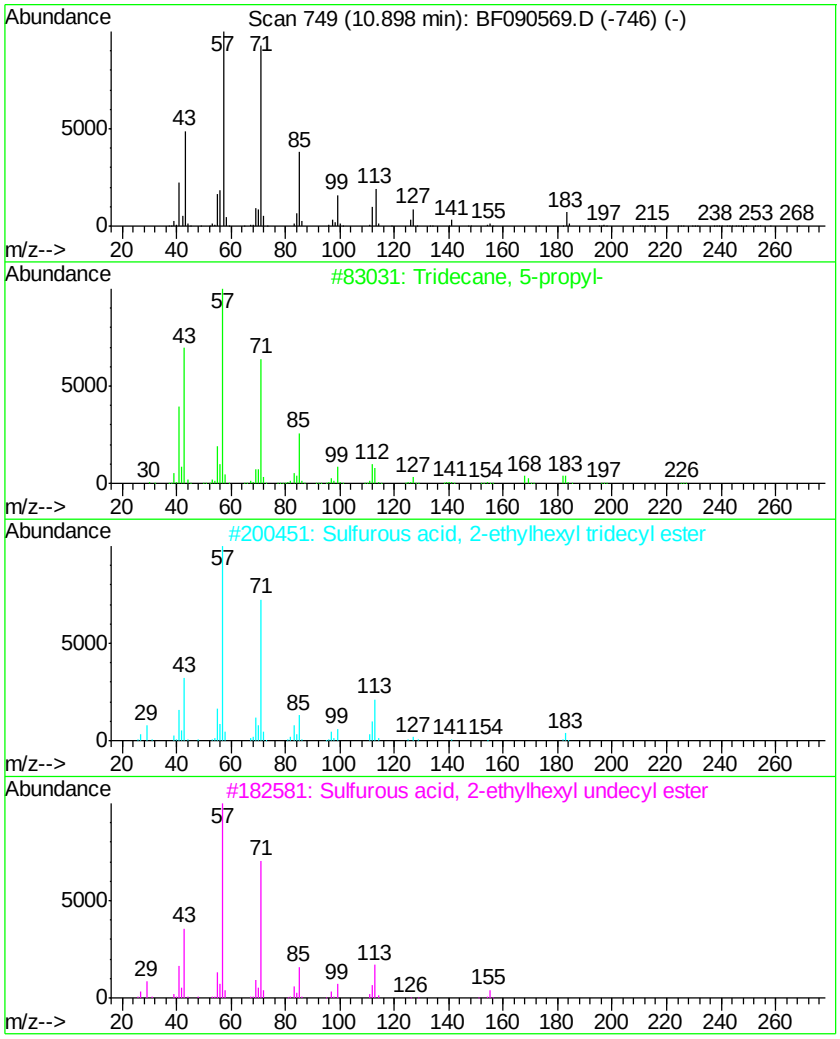
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

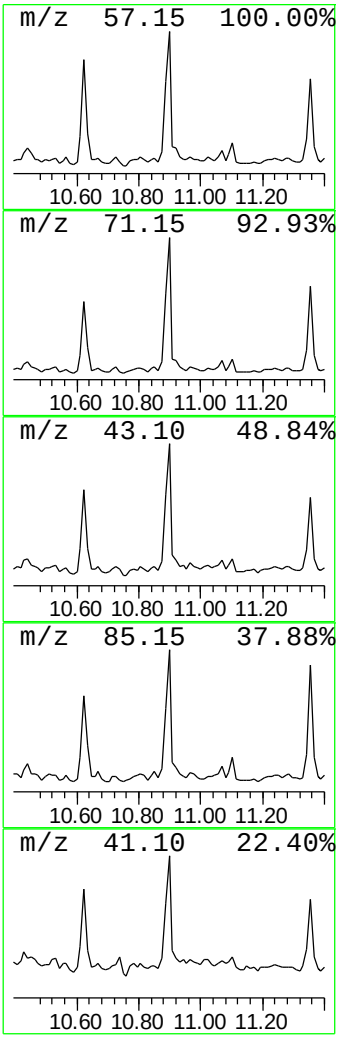
****

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	42.39 ng	8608820	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

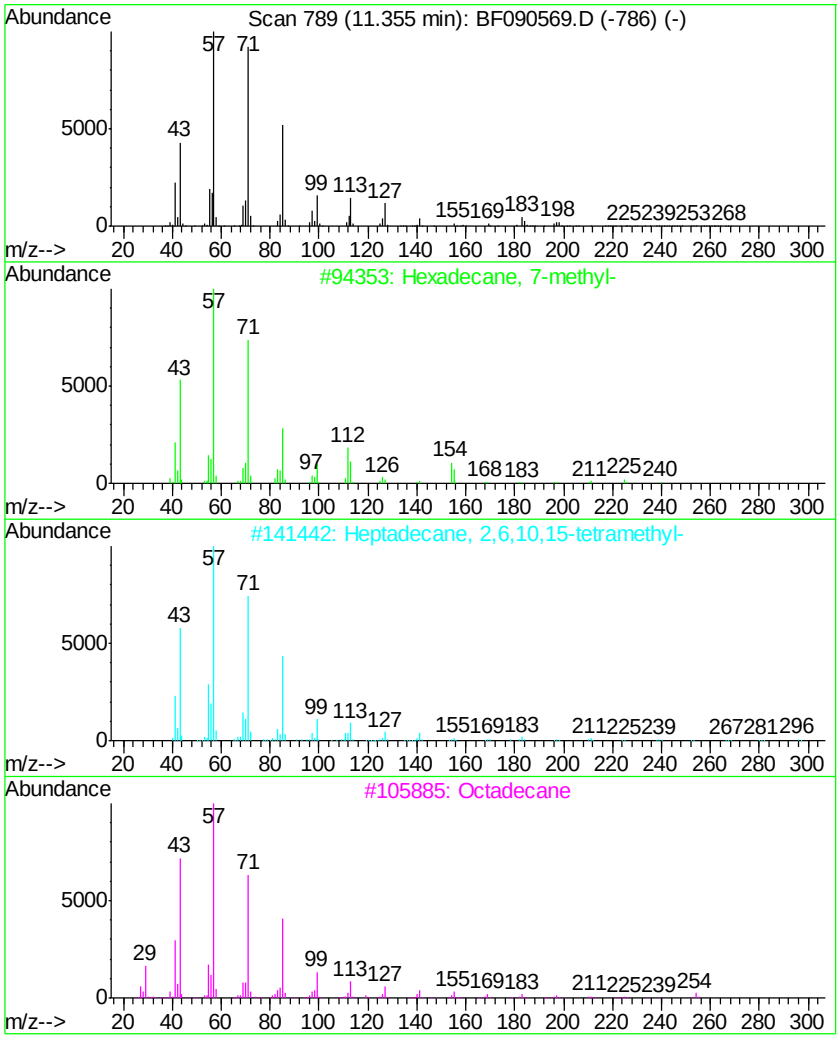
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

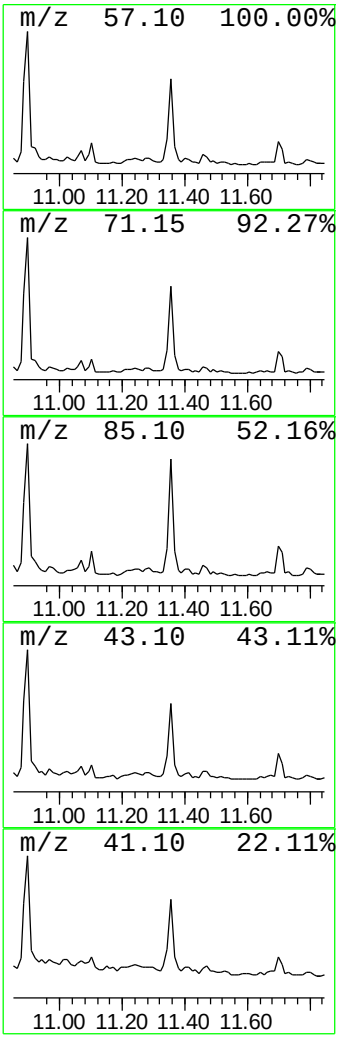
****

Peak Number 19 Hexadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	28.00 ng	5686640	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Octadecane	254	C18H38	000593-45-3	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

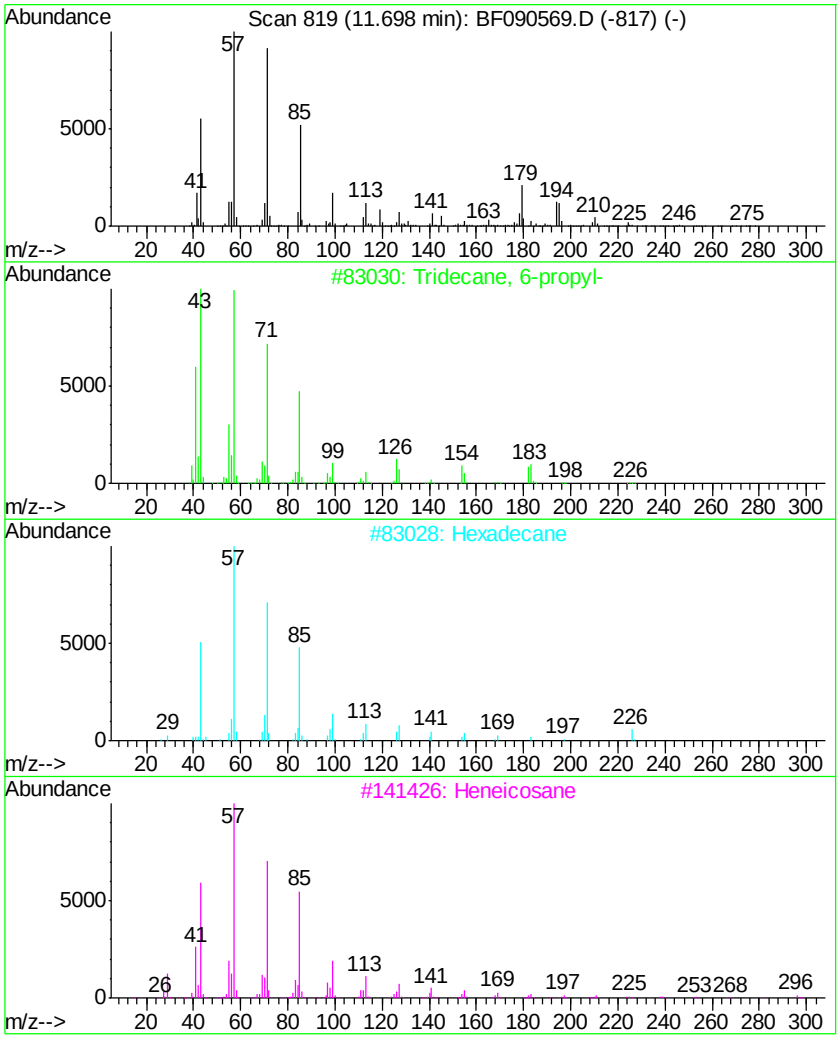
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

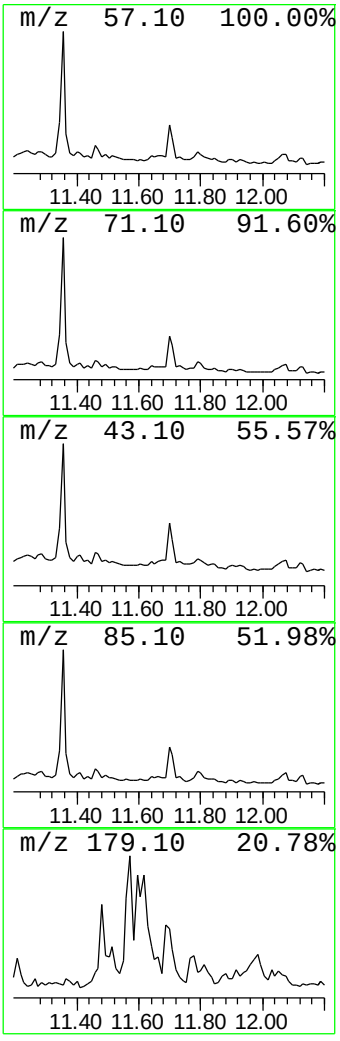
****

Peak Number 20 Tridecane, 6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	13.89 ng	2821730	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	68
2	Hexadecane	226	C16H34	000544-76-3	64
3	Heneicosane	296	C21H44	000629-94-7	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tetracosane	338	C24H50	000646-31-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090569.D
Acq On : 14 Oct 2016 14:44
Operator : UM/SJ
Sample : H5192-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MJSB-18(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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
unknown6.69	6.69	48.6	ng	4353700	1	6.92	1791390	20.0
1-Ethyl-2,2,6-tri...	7.19	19.5	ng	1745720	1	6.92	1791390	20.0
Benzene, 1,2,4,5-...	7.70	11.9	ng	2307520	2	8.21	3891030	20.0
Cyclohexane, pentyl-	7.82	10.9	ng	2111280	2	8.21	3891030	20.0
Cyclohexane, (cyc...	8.50	13.0	ng	2525760	2	8.21	3891030	20.0
Octane, 2,6-dimet...	8.63	21.9	ng	4251990	2	8.21	3891030	20.0
Cyclohexane, eico...	9.13	13.0	ng	2127060	3	9.97	3279370	20.0
1-Nonadecene	9.37	14.4	ng	2363270	3	9.97	3279370	20.0
Naphthalene, 2,3-...	9.63	25.4	ng	4168910	3	9.97	3279370	20.0
Naphthalene, 1,6,...	10.17	15.6	ng	2563530	3	9.97	3279370	20.0
Naphthalene, 2,3,...	10.21	10.7	ng	1753810	3	9.97	3279370	20.0
Tridecane	10.62	31.1	ng	5106160	3	9.97	3279370	20.0
Anthracene, 1,2,3...	10.67	12.6	ng	2061670	3	9.97	3279370	20.0
Tridecane, 5-propyl-	10.90	42.4	ng	8608820	4	11.46	4061810	20.0
Hexadecane, 7-met...	11.35	28.0	ng	5686640	4	11.46	4061810	20.0
Tridecane, 6-propyl-	11.70	13.9	ng	2821730	4	11.46	4061810	20.0