LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.248	381	393	405	rVB2	327283	703543	2.83%	0.408%
2	4.972	510	516	521	rVB2	380454	615091	2.47%	0.357%
3	5.048	521	529	534	rBV	366779	543622	2.19%	0.315%
4	5.101	534	538	544	rBV3	177004	345596	1.39%	0.201%
5	5.372	574	584	590	rBV2	367683	948106	3.81%	0.550%
6	5.507	601	607	610	rBV	403153	612224	2.46%	0.355%
7	5.542	610	613	619	rVV	516773	754371	3.04%	0.438%
8	5.619	619	626	628	rVV2	310844	514988	2.07%	0.299%
9	5.654	628	632	638	rVV	714949	1111290	4.47%	0.645%
10	5.737	642	646	659	rBV	826586	1789633	7.20%	1.038%
11	5.890	665	672	677	rBV3	385096	737830	2.97%	0.428%
12	5.954	677	683	688	rVV	474800	711748	2.86%	0.413%
13	6.019	688	694	707	rVB3	375097	850845	3.42%	0.494%
14	6.148	707	716	726	rBV	2680772	4488563	18.06%	2.604%
15	6.272	731	737	742	rVB5	555315	873454	3.51%	0.507%
16	6.466	765	770	773	rBV3	545646	873218	3.51%	0.507%
17	6.501	773	776	783	rVB2	433929	622381	2.50%	0.361%
18	6.572	783	788	793	rBV7	241059	589062	2.37%	0.342%
19	6.625	793	797	799	rBV2	561279	711203	2.86%	0.413%
20	6.660	799	803	811	rVB2	1577379	2616188	10.53%	1.518%
21	6.742	811	817	823	rBV	1210821	1846790	7.43%	1.072%
22	6.948	847	852	861	rVB2	810520	1332963	5.36%	0.773%
23	7.054	861	870	875	rBV3	2407607	5390283	21.69%	3.128%
24	7.107	875	879	887	rVV2	1780997	3195856	12.86%	1.854%
25	7.195	888	894	898	rVV3	1470978	2786719	11.21%	1.617%
26	7.248	900	903	908	rVV3	423693	764422	3.08%	0.444%
27	7.307	908	913	922	rVB2	1419807	3038425	12.23%	1.763%
28	7.389	922	927	930	rBV2	844296	1265813	5.09%	0.734%
29	7.442	930	936	941	rVB3	1120745	2082815	8.38%	1.208%
30	7.525	946	950	956	rBV	2206491	3376895	13.59%	1.959%
31	7.613	956	965	980	rVB	4666006	12238096	49.24%	7.101%
32	7.731	981	985	987	rBV	812140	1145886	4.61%	0.665%
33	7.789	992	995	997	rBV	312621	356995	1.44%	0.207%
34	7.825	998	1001	1004	rVV2	389300	500789	2.01%	0.291%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.878	1004	1010	1015	rVV3	2535636	4708617	18.95%	2.732%
36	7.931	1015	1019	1025	rVB5	779875	1669498	6.72%	0.969%
37	8.031	1031	1036	1039	rBV3	1436146	2736999	11.01%	1.588%
38	8.060	1039	1041	1058	rVB5	1455697	3662168	14.73%	2.125%
39	8.201	1061	1065	1069	rBV3	874538	1288535	5.18%	0.748%
40	8.242	1069	1072	1077	rBV	1022222	1569535	6.32%	0.911%
41	8.295	1077	1081	1082	rBV	659651	747069	3.01%	0.433%
42	8.389	1093	1097	1100	rBV2	1283060	1879451	7.56%	1.090%
43	8.466	1107	1110	1120	rVB2	1364818	2435183	9.80%	1.413%
44	8.548	1121	1124	1126	rBV	493752	559086	2.25%	0.324%
45	8.583	1126	1130	1133	rBV	729912	996353	4.01%	0.578%
46	8.660	1139	1143	1144	rBV	1052255	1385496	5.57%	0.804%
47	8.836	1164	1173	1179	rBV2	4604114	15416918	62.03%	8.945%
48	9.242	1237	1242	1245	rBV3	1189839	2300014	9.25%	1.335%
49	9.272	1245	1247	1250	rVV4	947135	1282865	5.16%	0.744%
50	9.307	1250	1253	1265	rVB4	1229714	3495642	14.06%	2.028%
51	9.425	1266	1273	1276	rBV4	1553300	4118394	16.57%	2.390%
52	9.830	1331	1342	1346	rBV5	1731887	6215952	25.01%	3.607%
53	9.919	1350	1357	1362	rBV	2594194	7690033	30.94%	4.462%
54	10.995	1520	1540	1550	rBV3	3209403	24853809	100.00%	14.421%
55	16.689	2505	2508	2509	rBV	1186534	1266849	5.10%	0.735%
56	16.848	2527	2535	2537	rBV2	2815416	5965706	24.00%	3.461%
57	17.324	2609	2616	2618	rVB2	3313083	5442654	21.90%	3.158%
58	17.406	2626	2630	2634	rVB	1012603	1302715	5.24%	0.756%
59	17.765	2686	2691	2694	rBV	2947548	3450747	13.88%	2.002%
60	17.912	2713	2716	2720	rVB3	305203	390183	1.57%	0.226%
61	18.189	2759	2763	2767	rVB	1750749	2037075	8.20%	1.182%
62	18.600	2829	2833	2846	rVB	1075142	1294664	5.21%	0.751%
63	18.718	2849	2853	2864	rVB	496460	715617	2.88%	0.415%
64	18.995	2897	2900	2906	rVB	420171	491996	1.98%	0.285%
65	19.377	2961	2965	2971	rVB	274521	300384	1.21%	0.174%
66	20.371	3130	3134	3140	rBV	277247	344279	1.39%	0.200%

Sum of corrected areas: 172350189

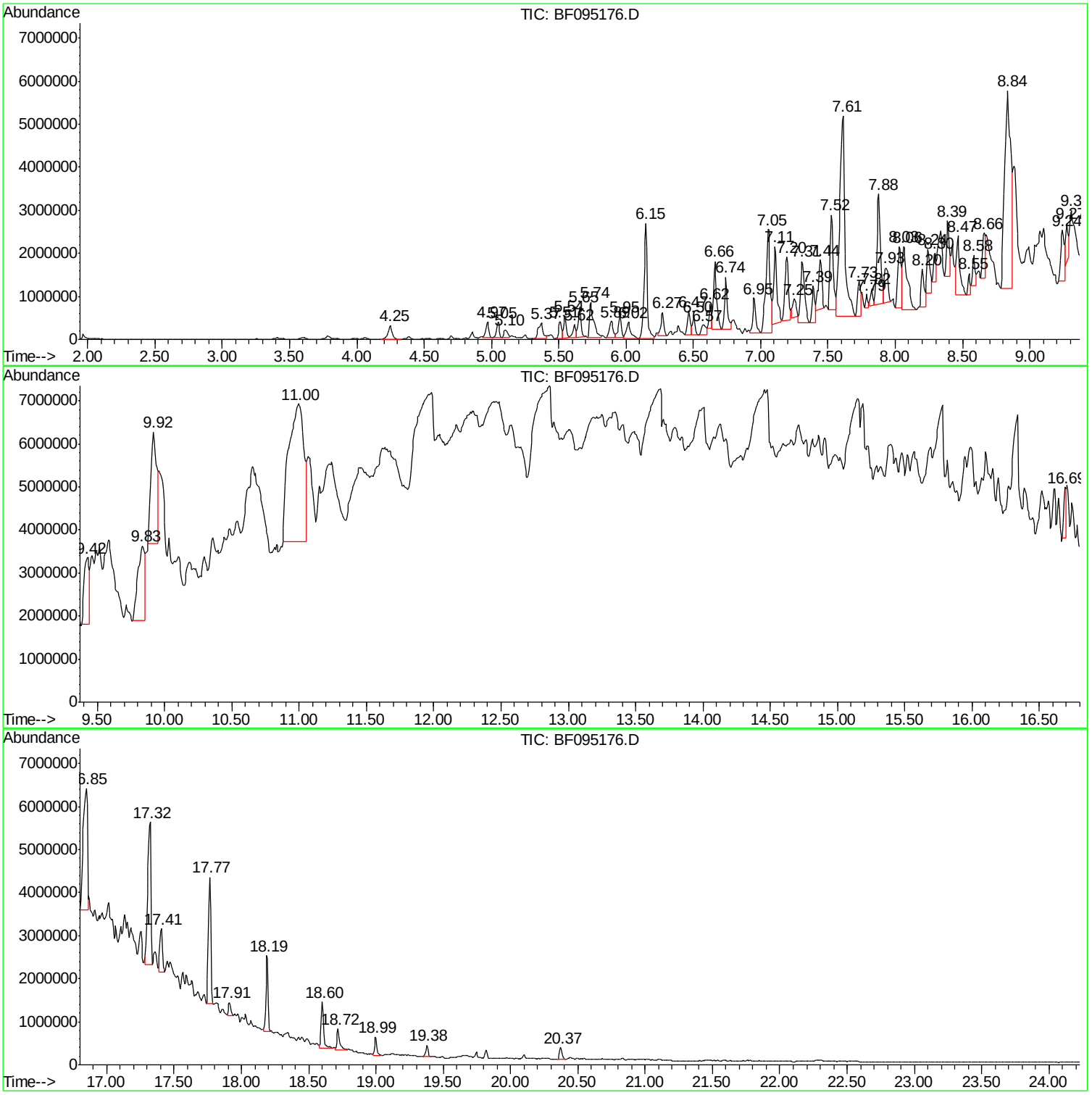
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

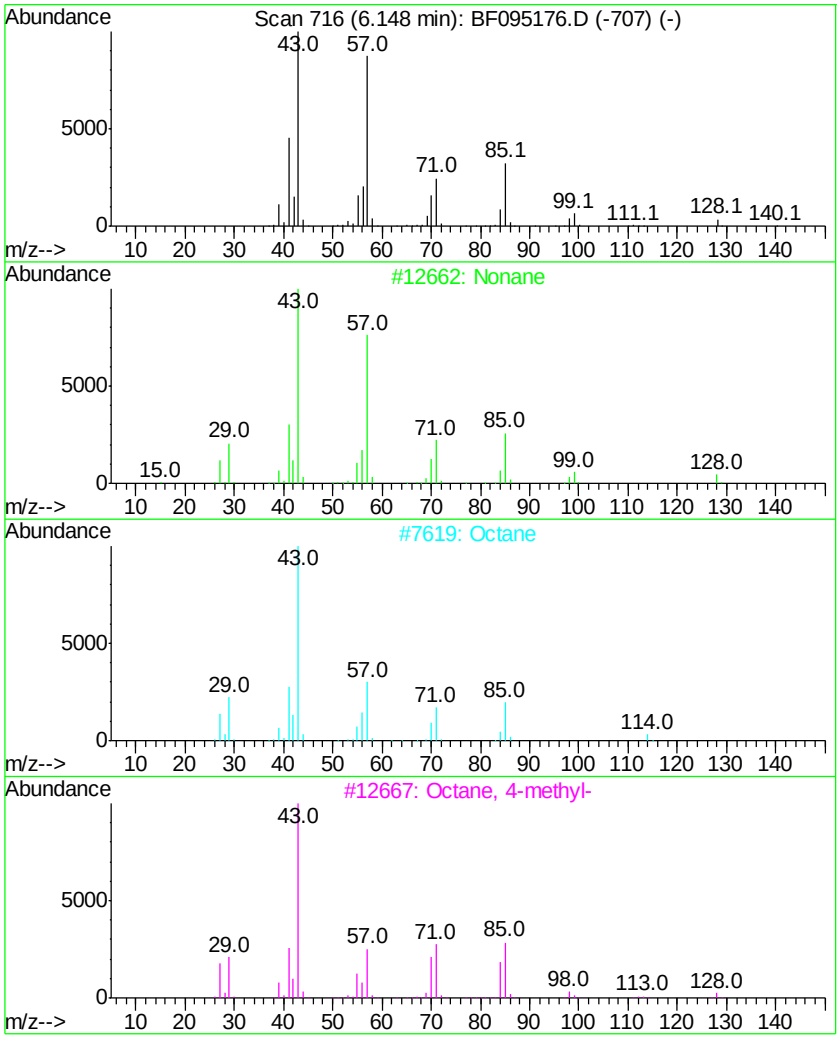
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

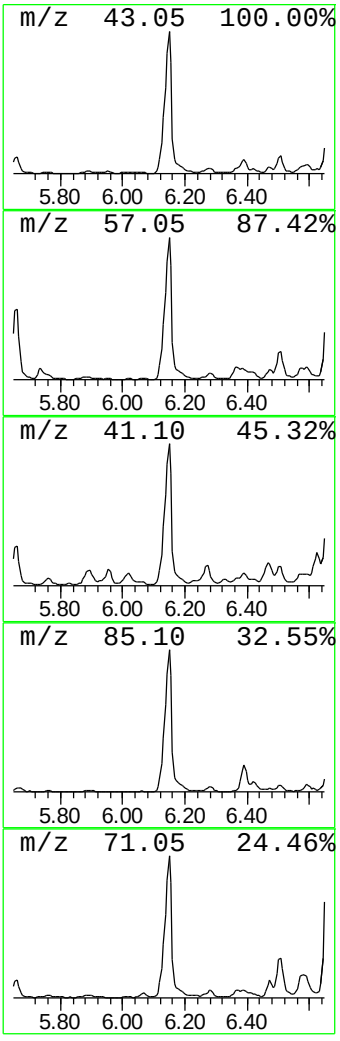
****

Peak Number 1 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	251.46 ng	4488560	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Octane	114	C8H18	000111-65-9	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5	Decane	142	C10H22	000124-18-5	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

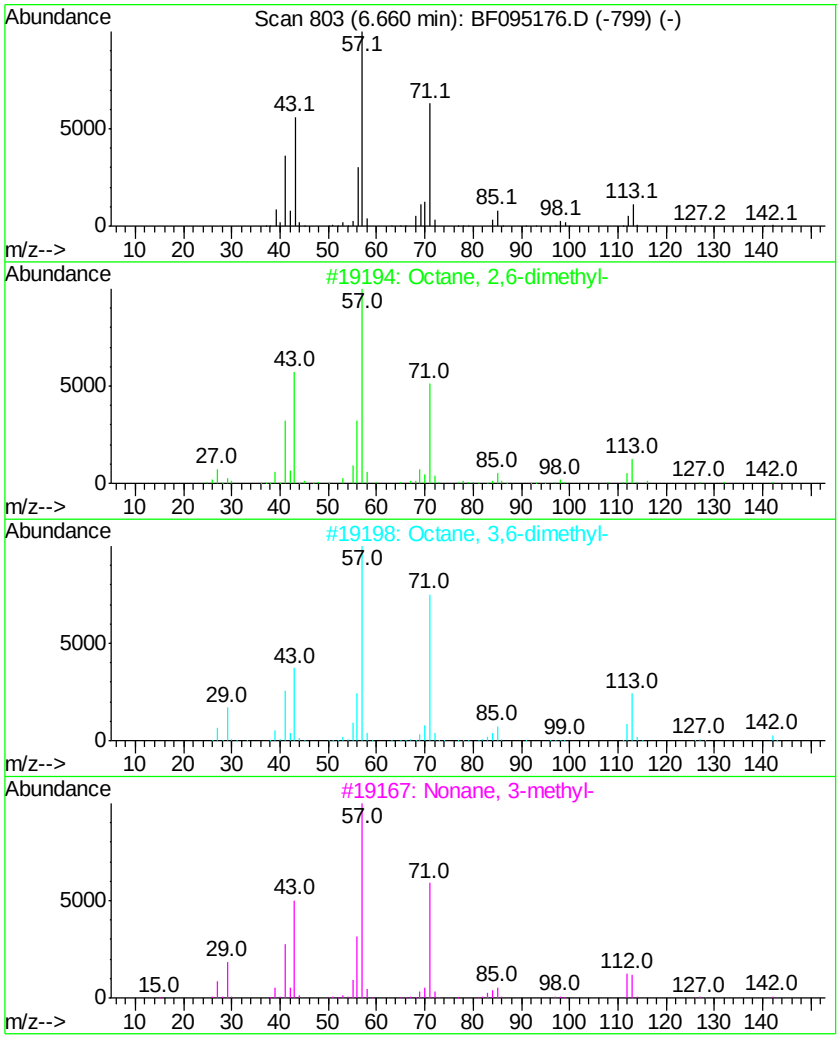
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

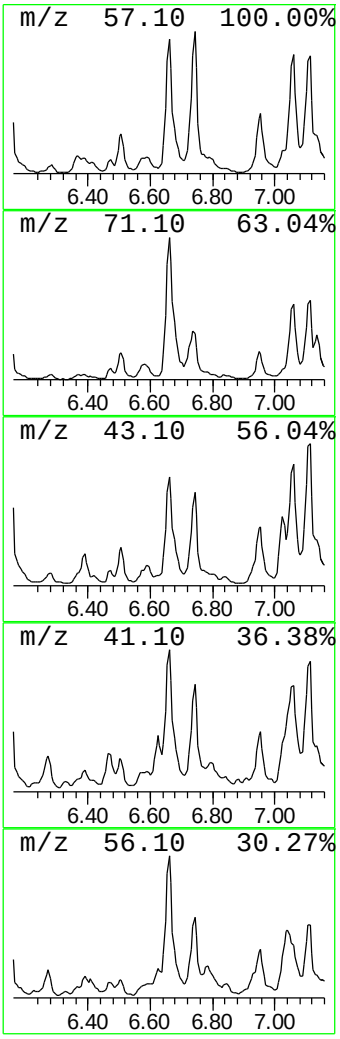
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	146.57 ng	2616190	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	80
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

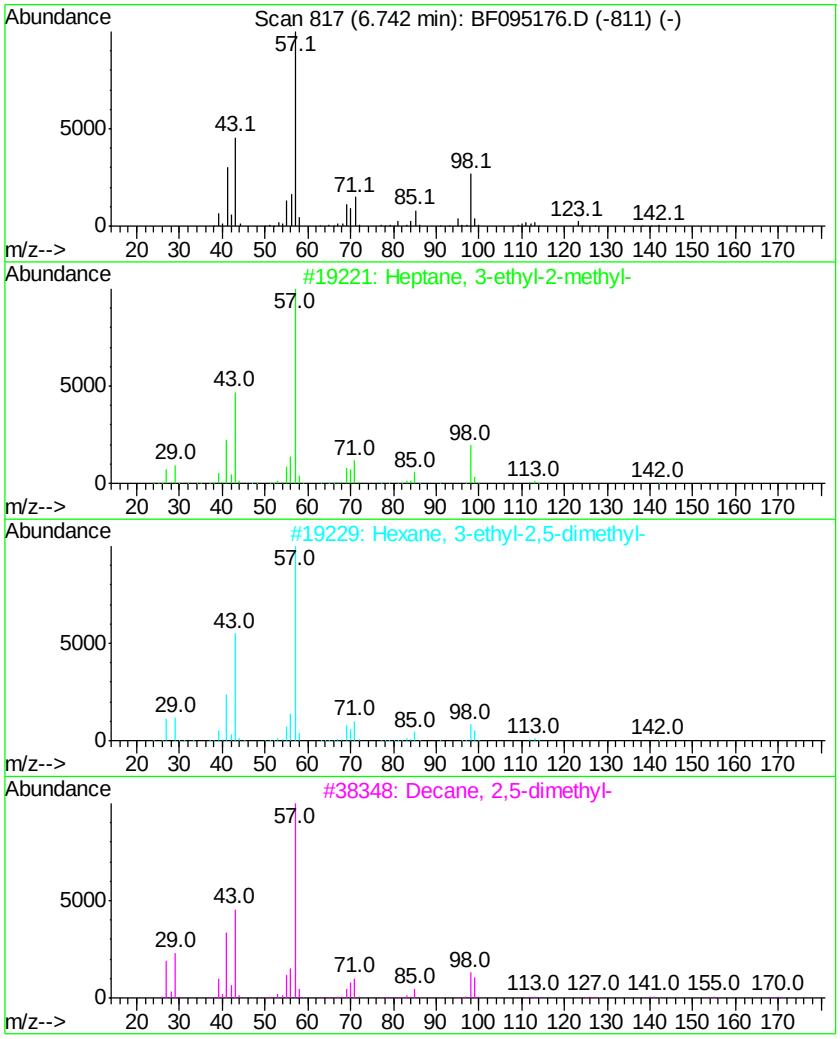
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

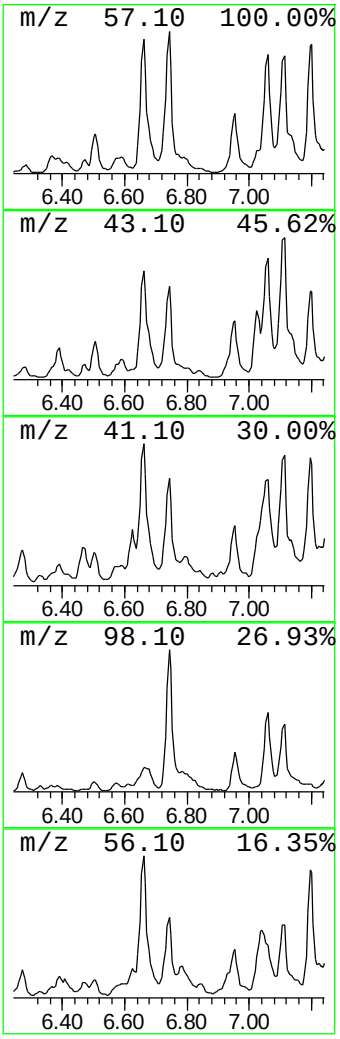
****

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	103.46 ng	1846790	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	62
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
5	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

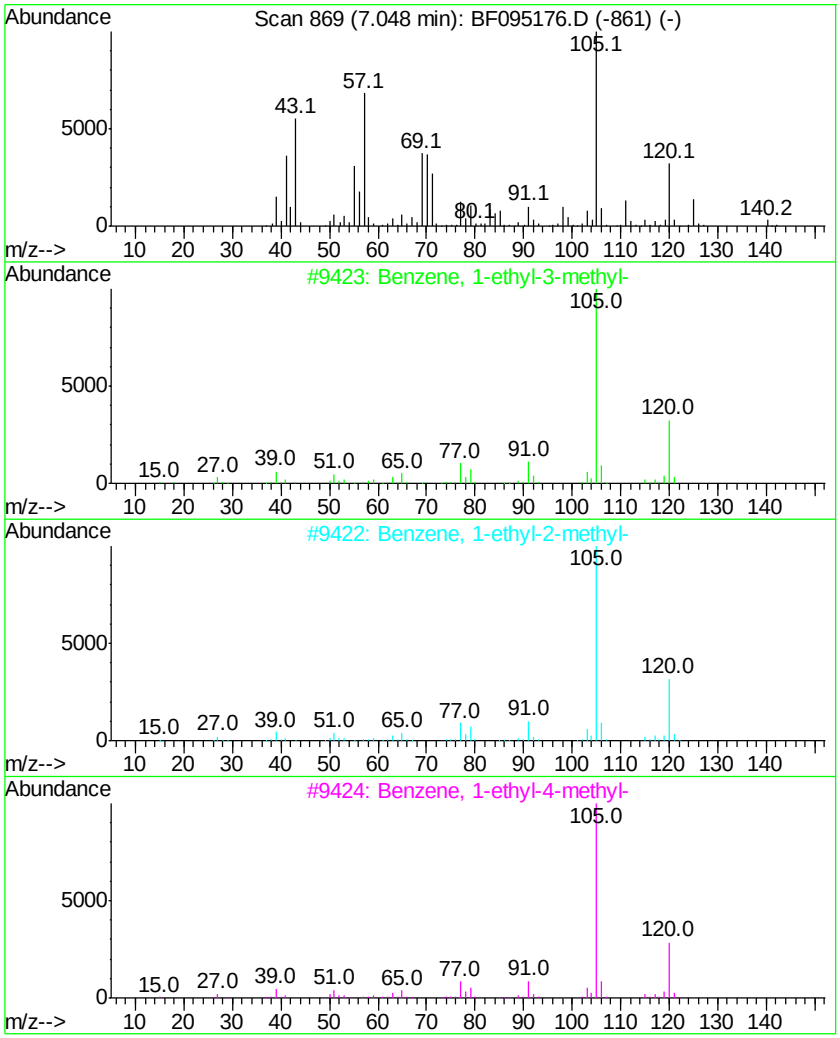
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

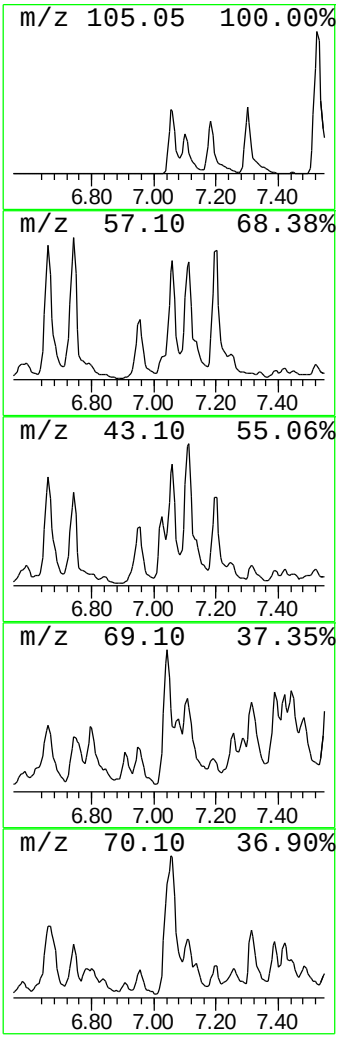
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	301.98 ng	5390280	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
5	Mesitylene	120	C9H12	000108-67-8	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

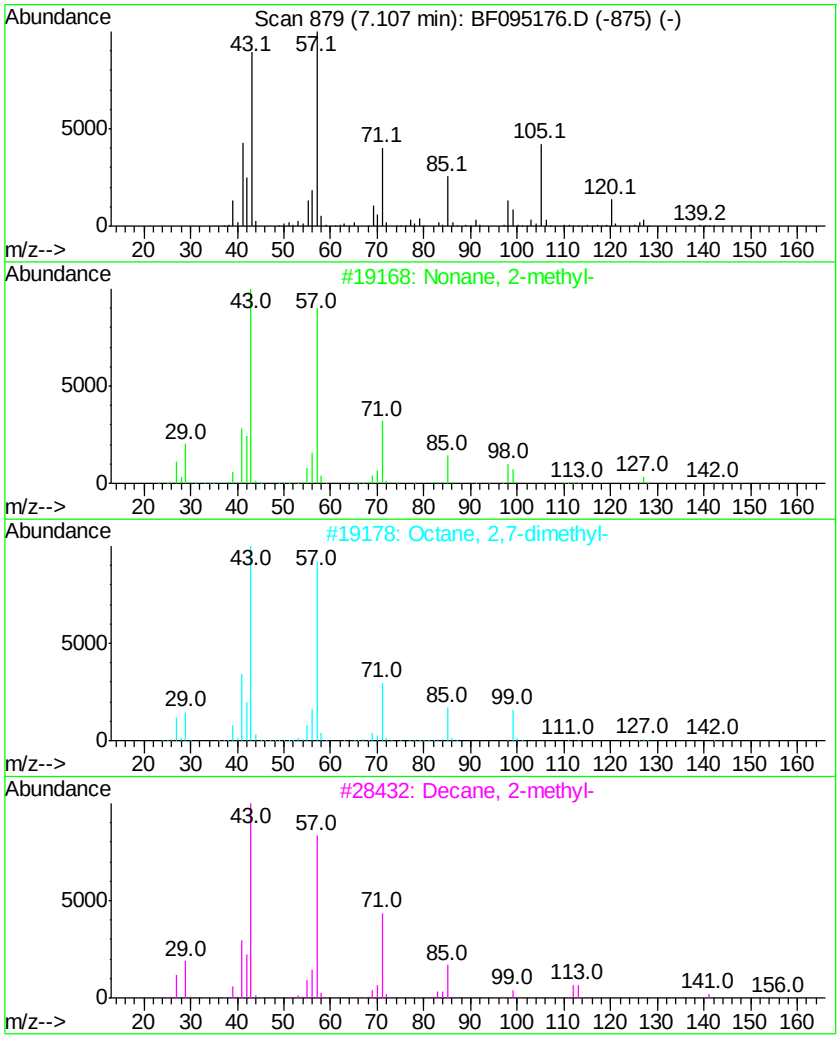
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

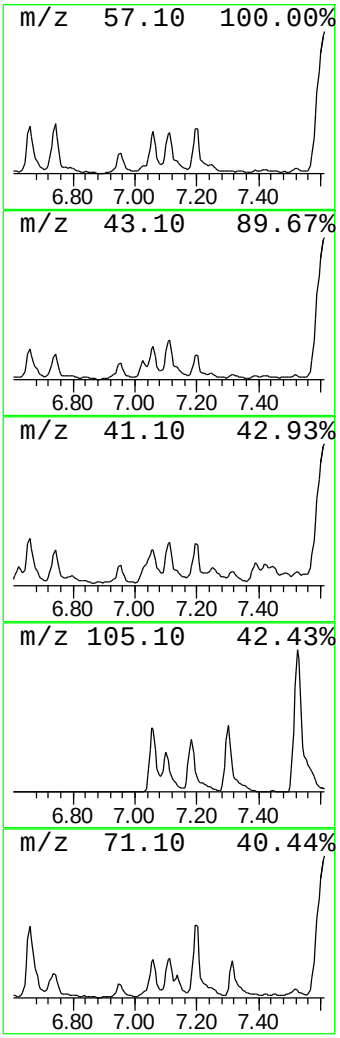
****

Peak Number 5 Nonane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	179.04 ng	3195860	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50
3	Decane, 2-methyl-	156	C11H24	006975-98-0	50
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

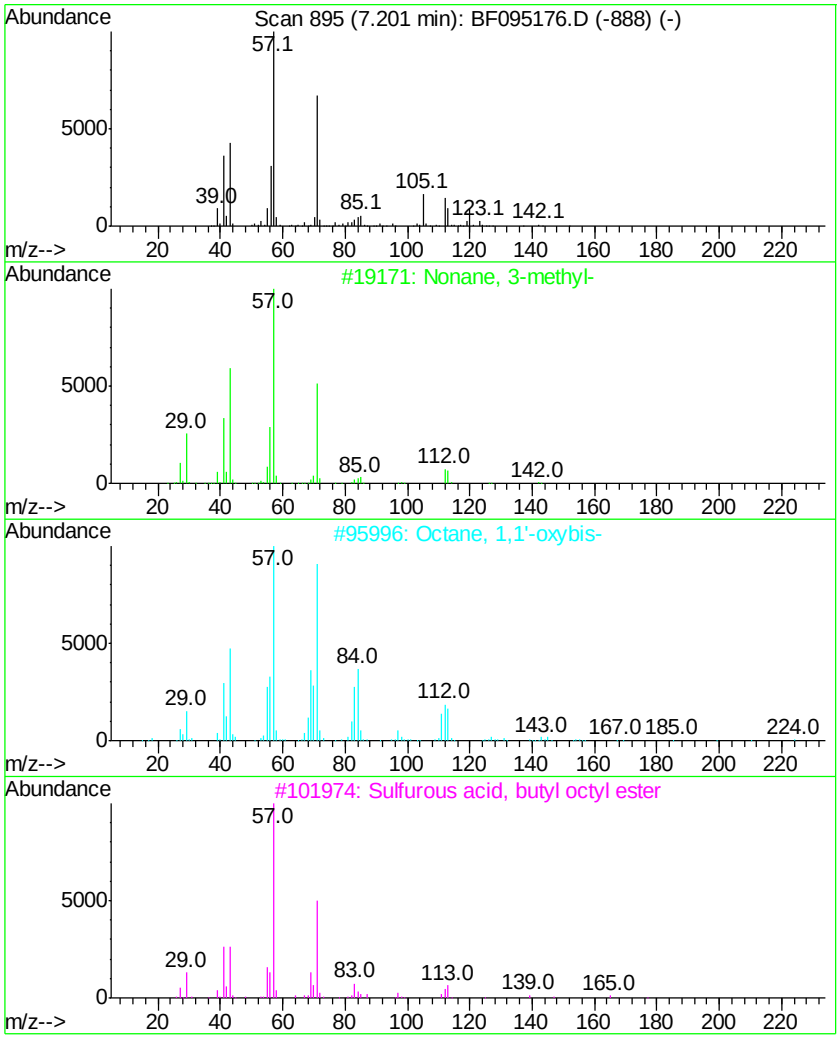
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

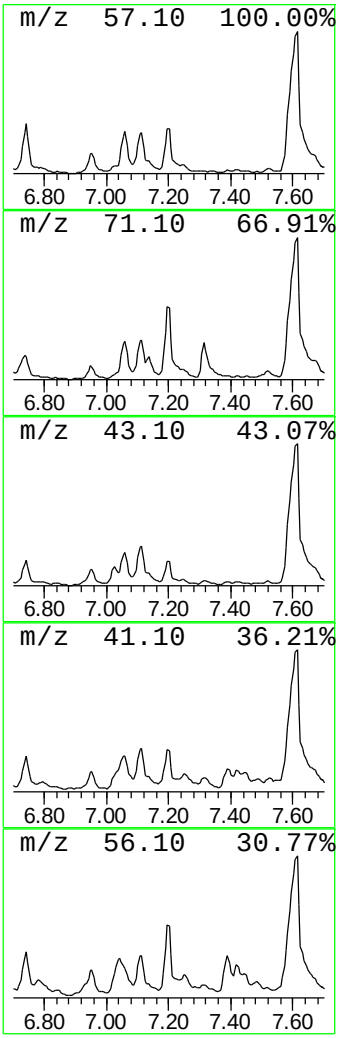
****

Peak Number 6 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	156.12 ng	2786720	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50
4	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	50
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

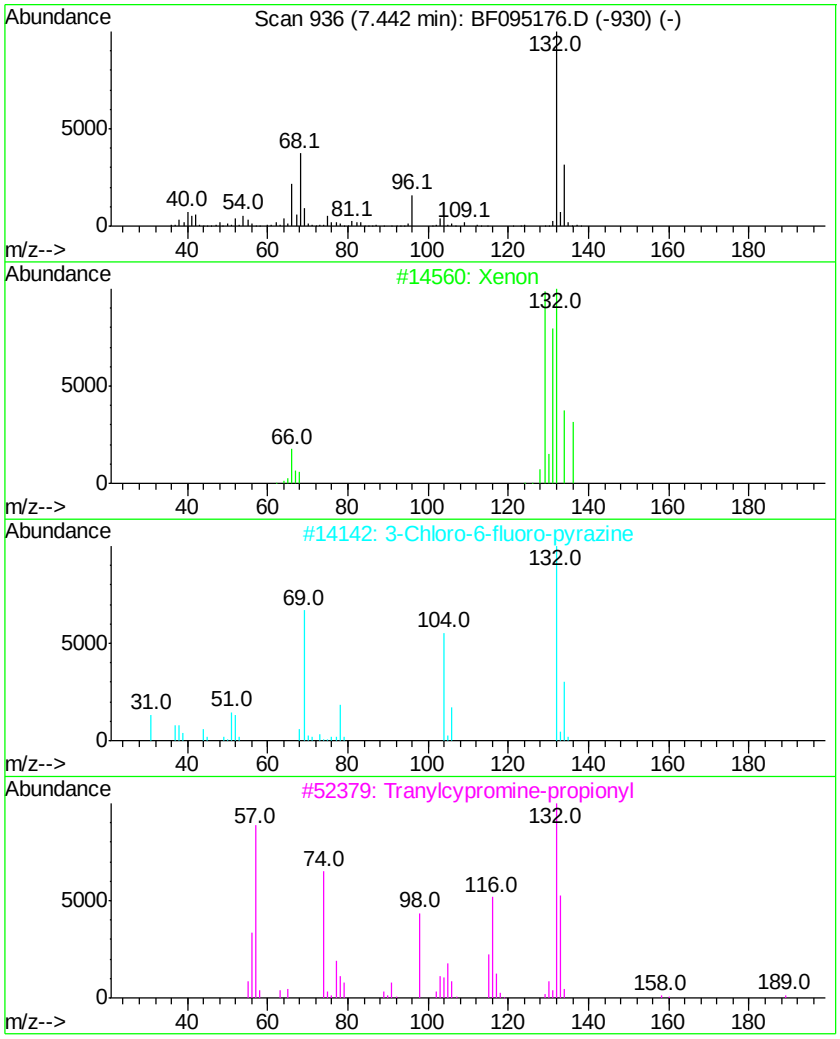
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

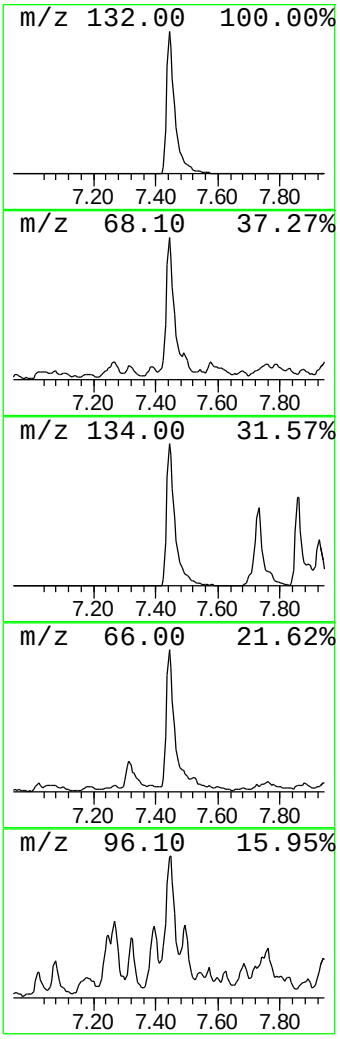
****

Peak Number 7 Xenon Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	116.69 ng	2082820	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	59
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

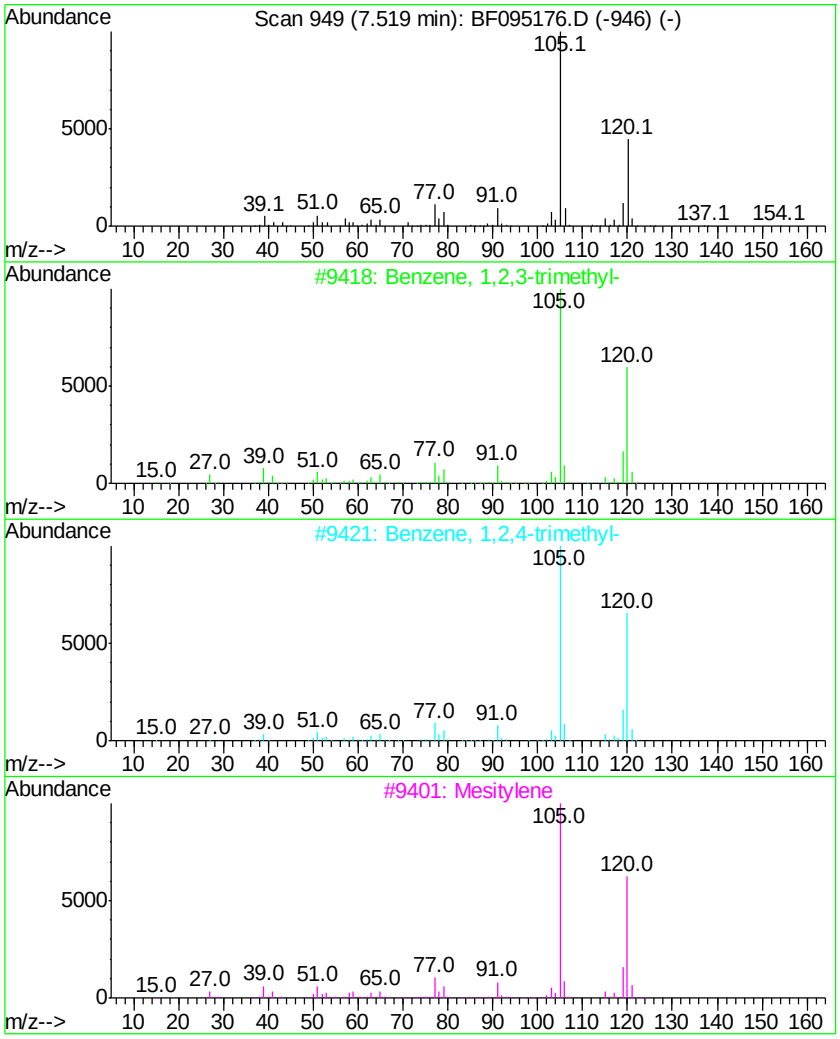
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

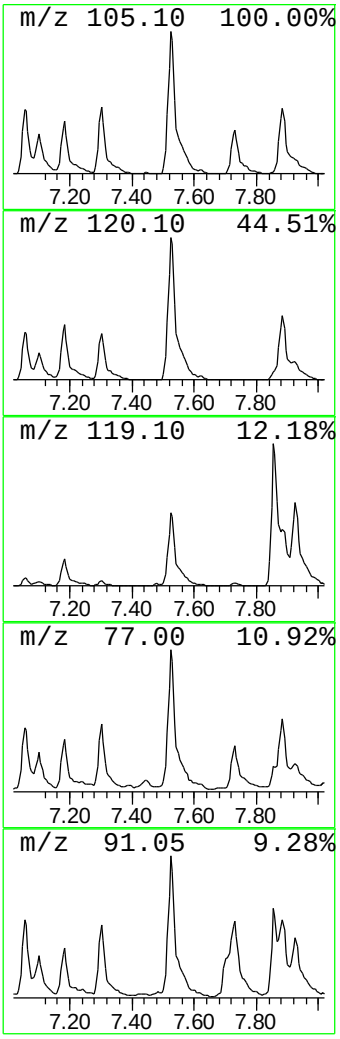
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	189.18 ng	3376900	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

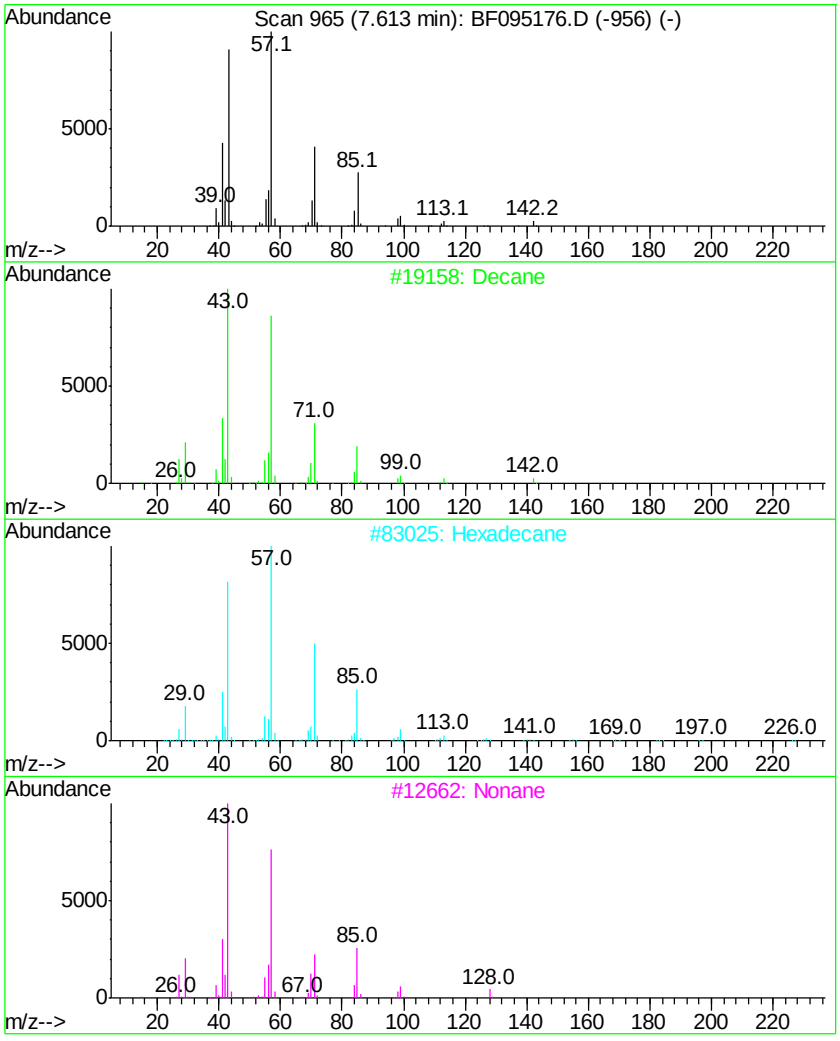
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

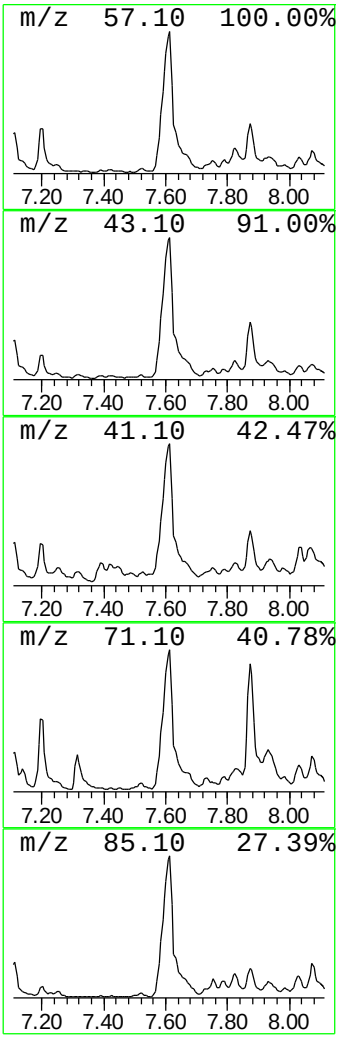
****

Peak Number 9 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	685.62 ng	12238100	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonane	128	C9H20	000111-84-2	80
4	Undecane	156	C11H24	001120-21-4	78
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

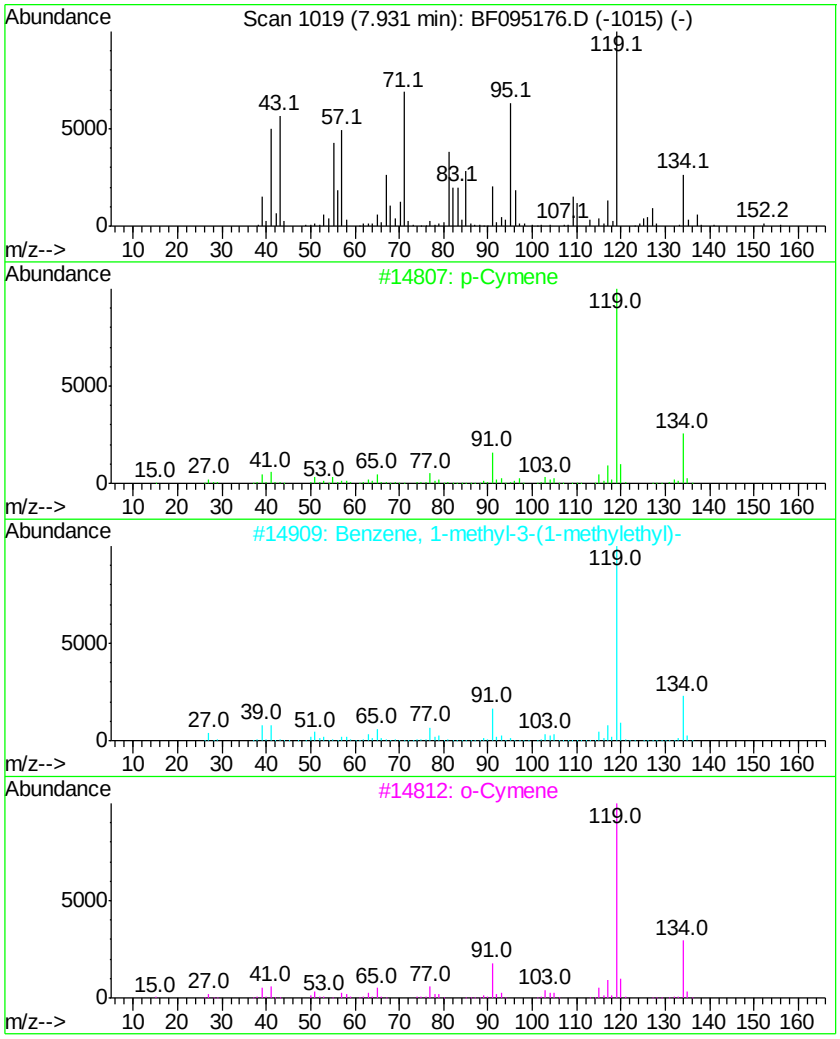
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

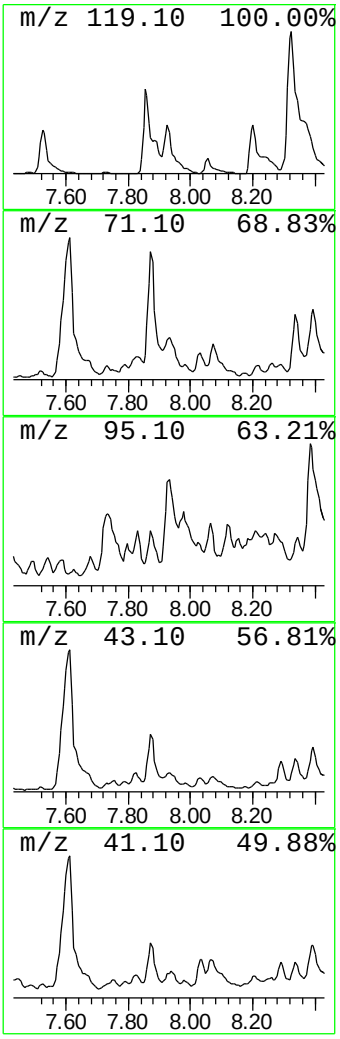
****

Peak Number 11 unknown7.93 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	93.53 ng	1669500	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	38
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
3	o-Cymene	134	C10H14	000527-84-4	30
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	27
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

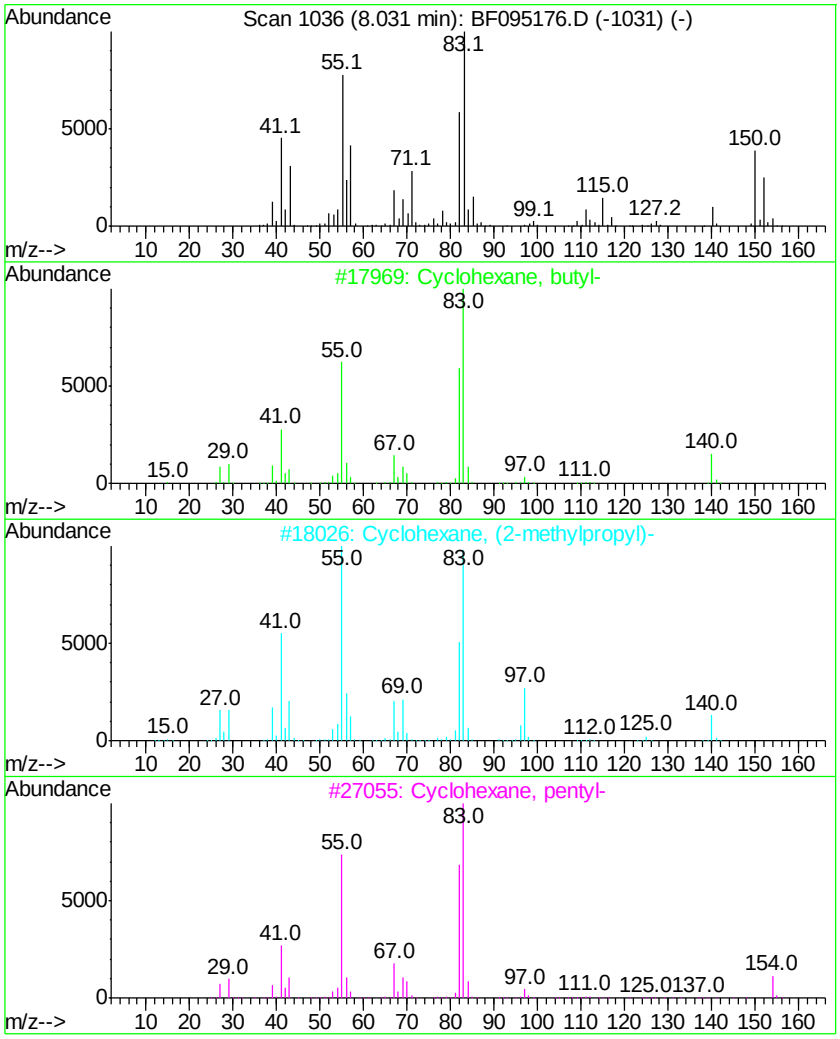
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

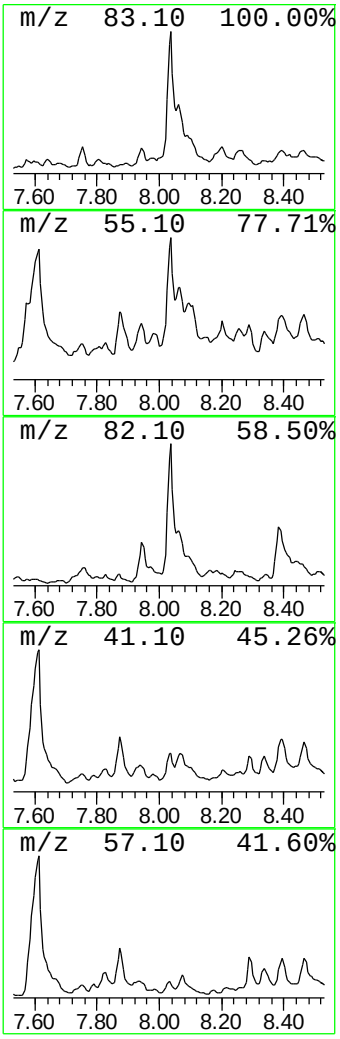
****

Peak Number 12 Cyclohexane, butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	153.34 ng	2737000	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	60
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

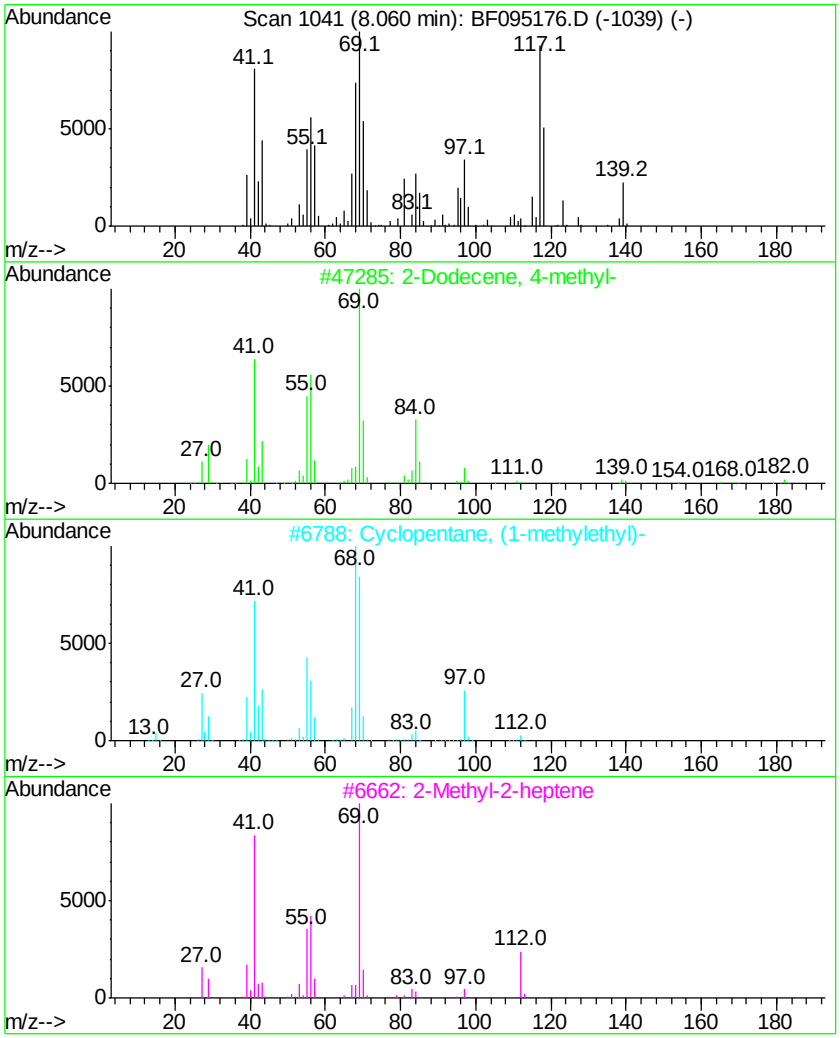
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

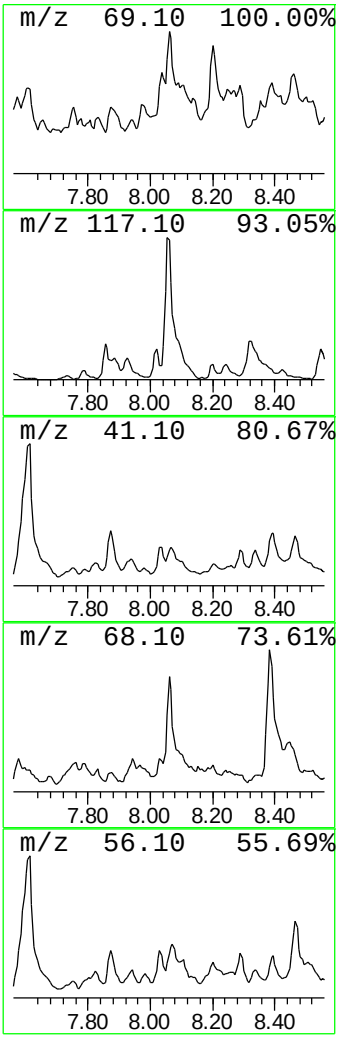
****

Peak Number 13 unknown8.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	205.17 ng	3662170	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	22
2	Cyclopentane, (1-methylethyl)-	112	C8H16	003875-51-2	14
3	2-Methyl-2-heptene	112	C8H16	000627-97-4	14
4	Indane	118	C9H10	000496-11-7	11
5	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

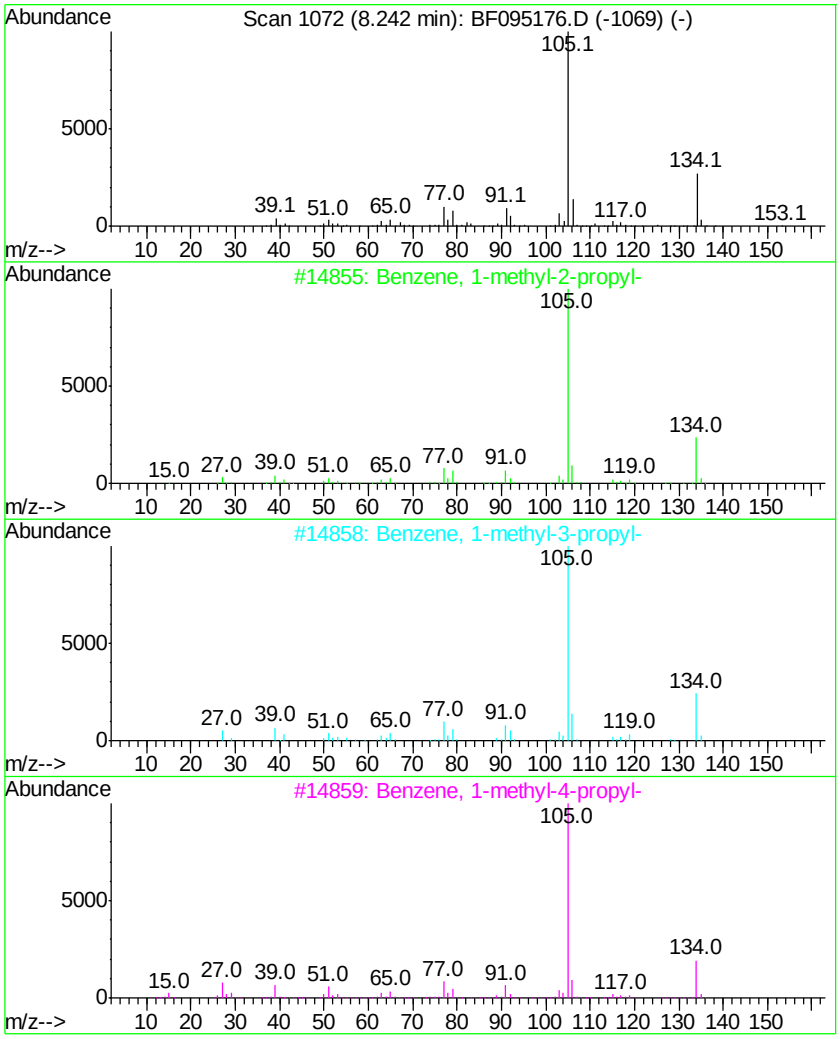
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

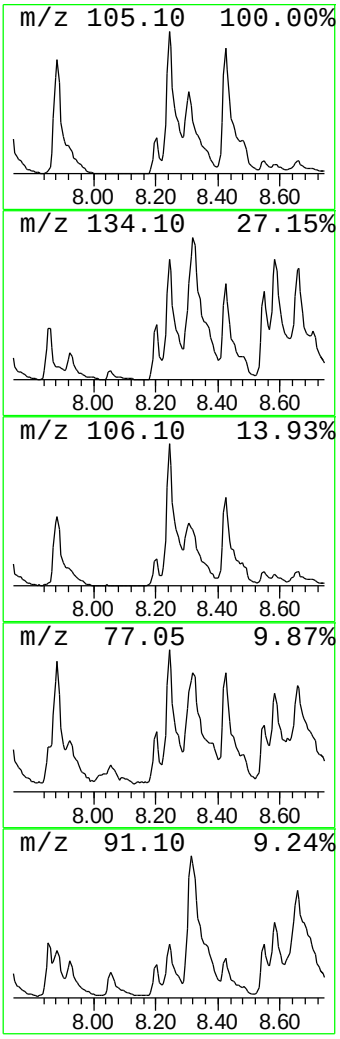
****

Peak Number 14 Benzene, 1-methyl-2-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	87.93 ng	1569540	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

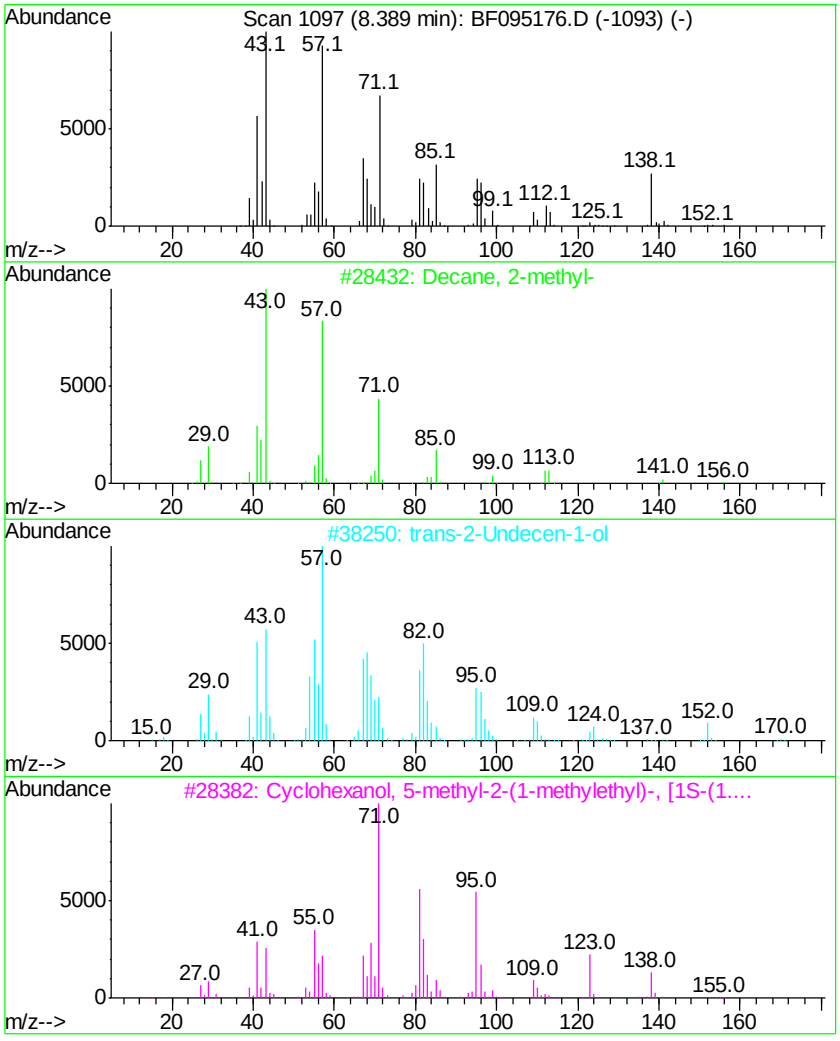
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

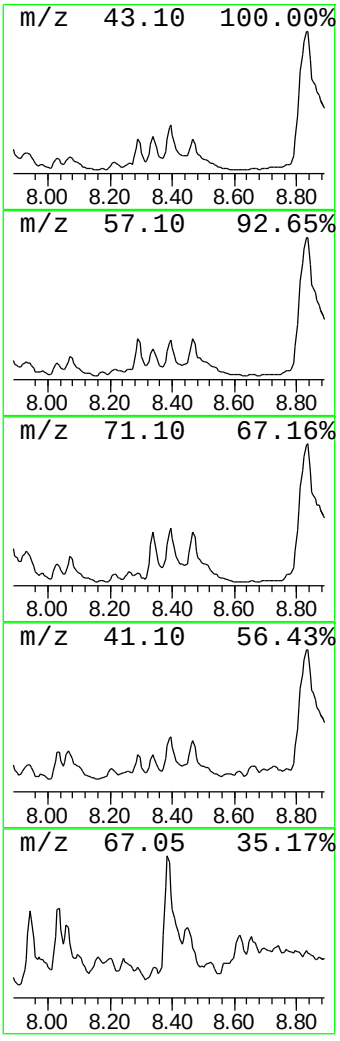
****

Peak Number 15 unknown8.39 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	105.29 ng	1879450	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	38
2	trans-2-Undecen-1-ol	170	C11H22O	075039-84-8	35
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	35
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	30
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

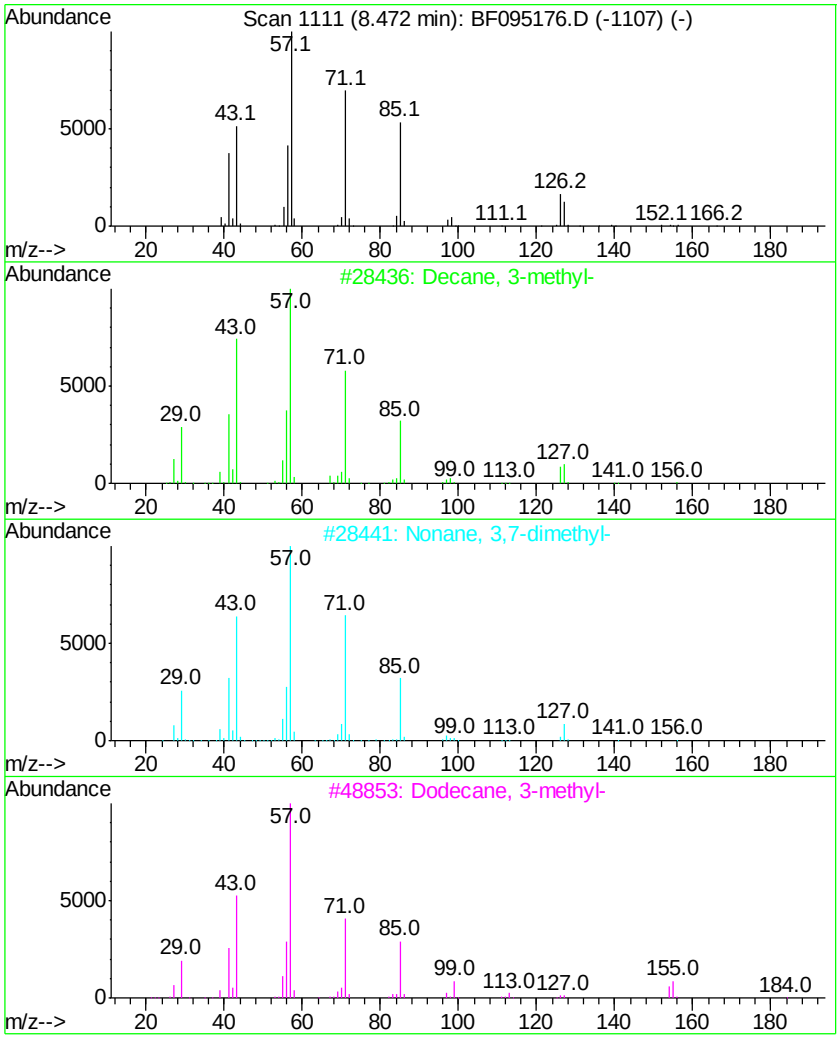
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

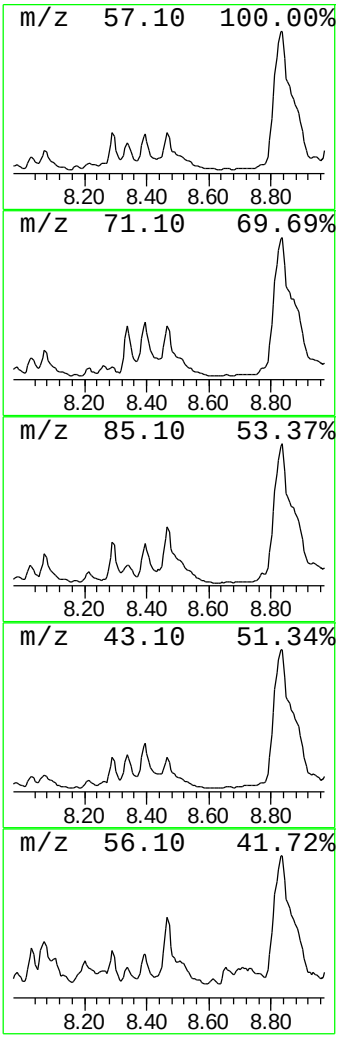
****

Peak Number 16 Decane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	136.43 ng	2435180	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

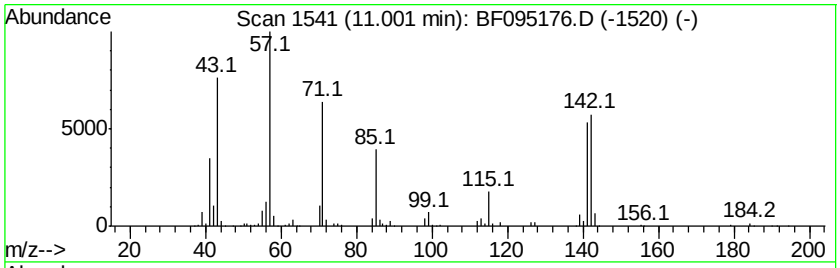
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

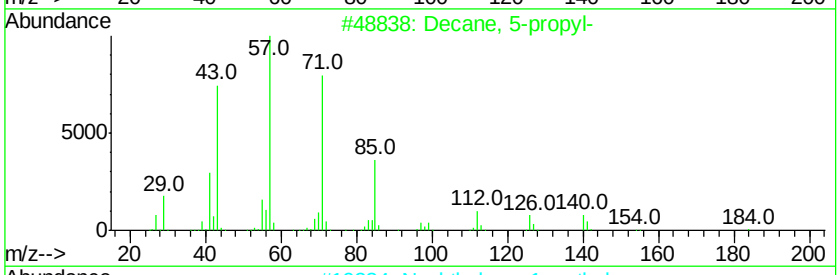
****

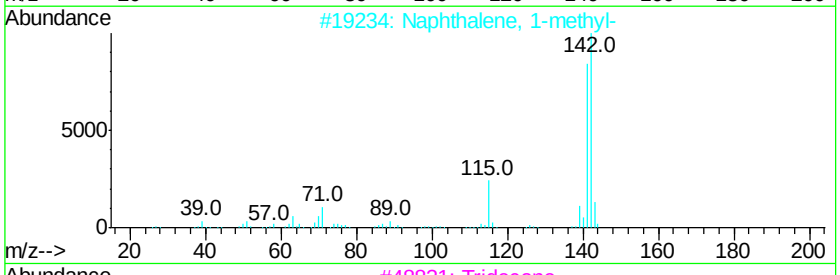
Peak Number 17 unknown11.00 Concentration Rank 20

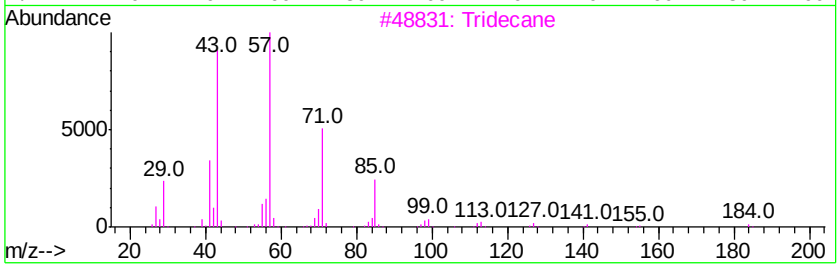
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	79.97 ng	24853800	Naphthalene-d8	9.81

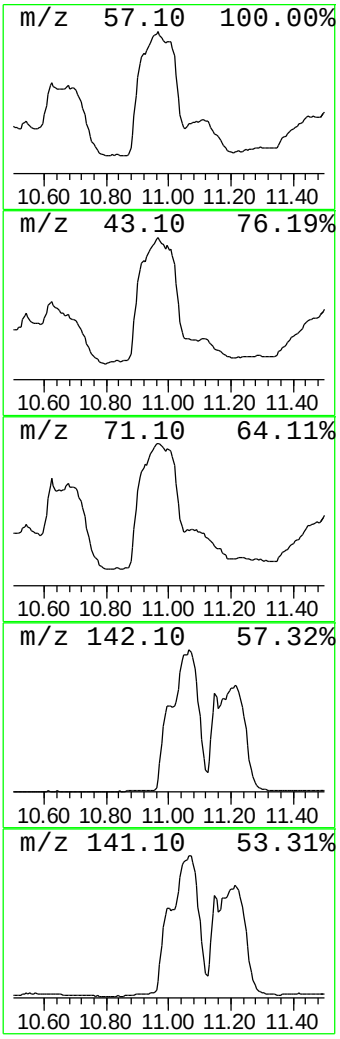
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	43
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	43
3	Tridecane	184	C13H28	000629-50-5	42
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	41
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38











Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

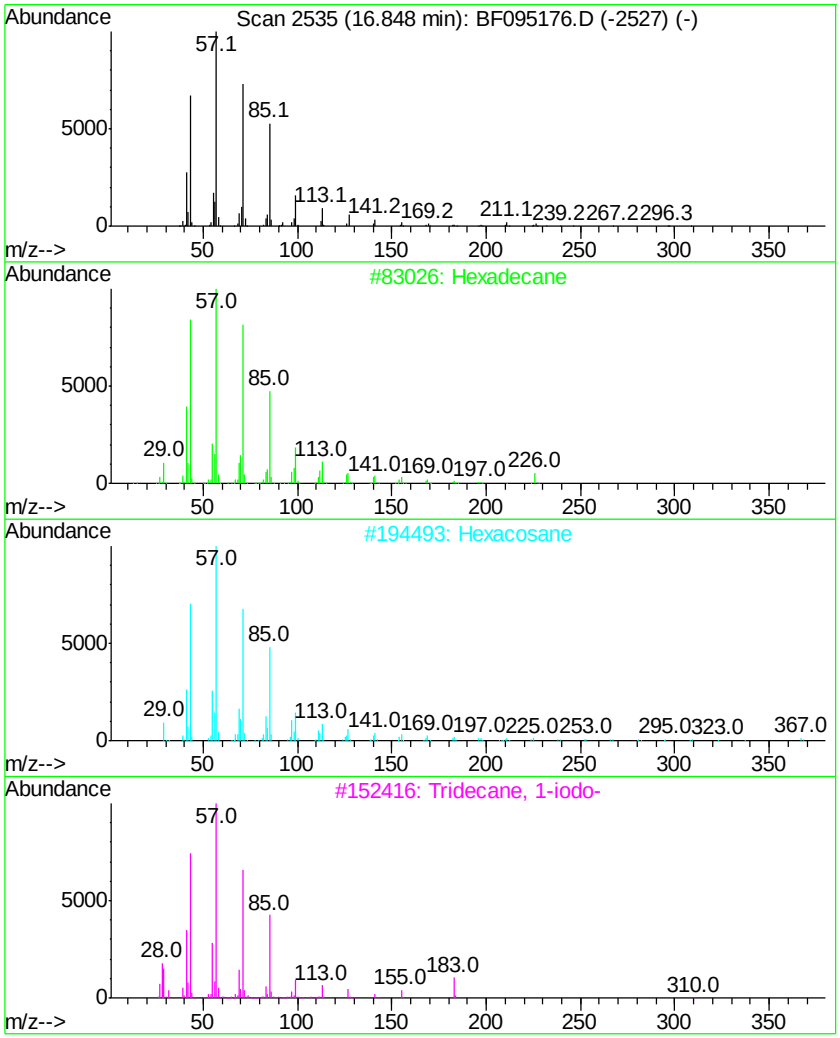
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

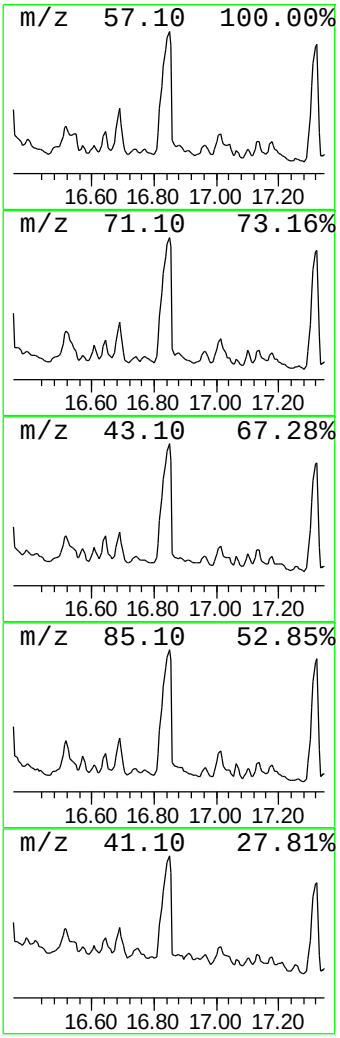
****

Peak Number 18 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	94.18 ng	5965710	Phenanthrene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heneicosane	296	C21H44	000629-94-7	83
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

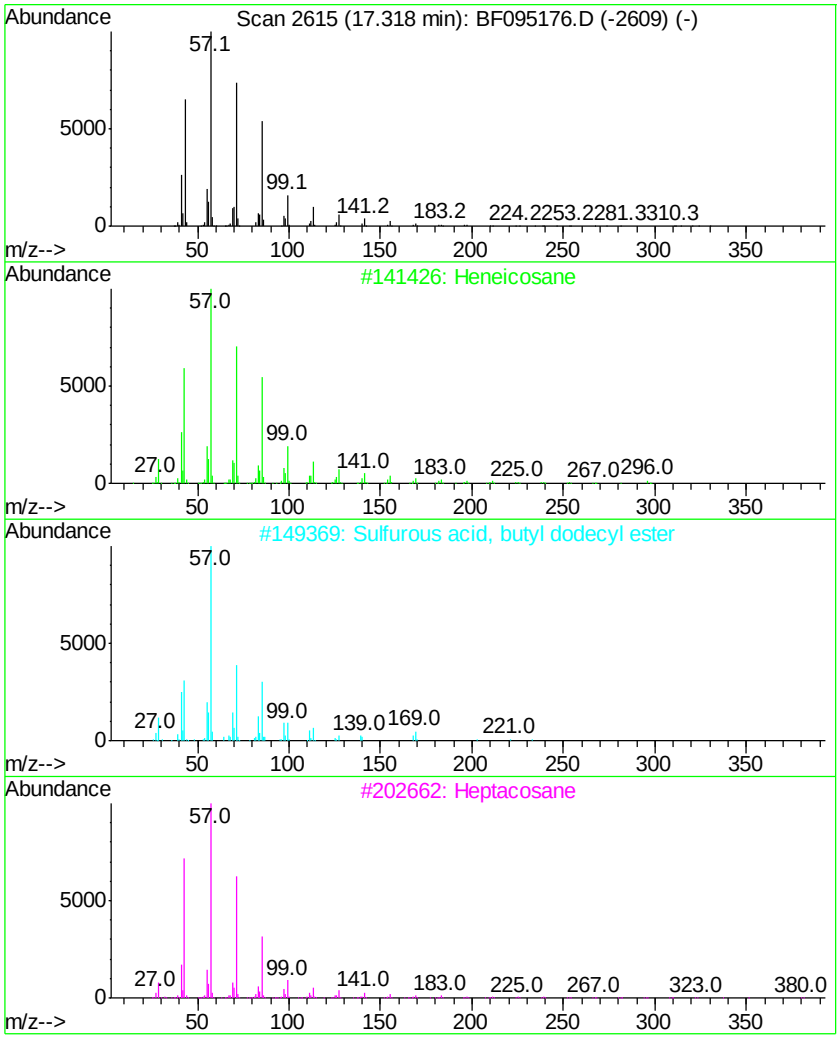
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

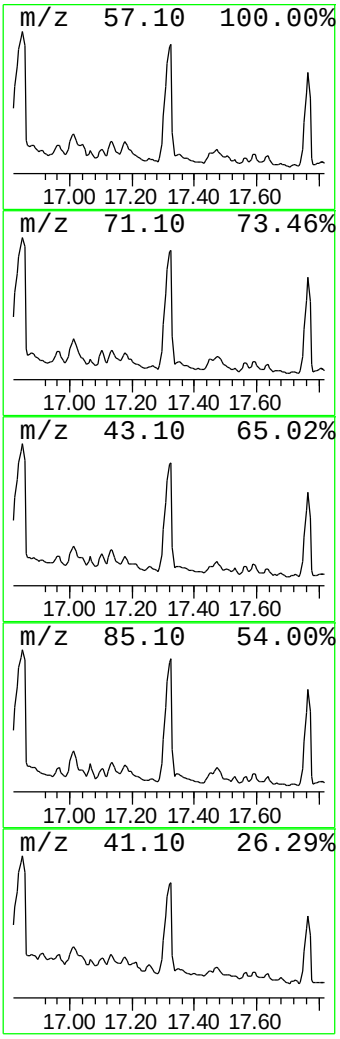
****

Peak Number 19 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	152.11 ng	5442650	Chrysene-d12	18.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095176.D
Acq On : 17 May 2017 1:52
Operator : SJ/MA
Sample : I3153-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-1-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
Nonane	6.15	251.5	ng	4488560	1	7.79	356995	20.0
Octane, 2,6-dimet...	6.66	146.6	ng	2616190	1	7.79	356995	20.0
Heptane, 3-ethyl-...	6.74	103.5	ng	1846790	1	7.79	356995	20.0
Benzene, 1-ethyl-...	7.05	302.0	ng	5390280	1	7.79	356995	20.0
Nonane, 2-methyl-	7.11	179.0	ng	3195860	1	7.79	356995	20.0
Nonane, 3-methyl-	7.20	156.1	ng	2786720	1	7.79	356995	20.0
Xenon	7.44	116.7	ng	2082820	1	7.79	356995	20.0
Benzene, 1,2,3-tr...	7.52	189.2	ng	3376900	1	7.79	356995	20.0
Decane	7.61	685.6	ng	12238100	1	7.79	356995	20.0
unknown7.93	7.93	93.5	ng	1669500	1	7.79	356995	20.0
Cyclohexane, butyl-	8.03	153.3	ng	2737000	1	7.79	356995	20.0
unknown8.06	8.06	205.2	ng	3662170	1	7.79	356995	20.0
Benzene, 1-methyl...	8.24	87.9	ng	1569540	1	7.79	356995	20.0
unknown8.39	8.39	105.3	ng	1879450	1	7.79	356995	20.0
Decane, 3-methyl-	8.47	136.4	ng	2435180	1	7.79	356995	20.0
unknown11.00	11.00	80.0	ng	24853800	2	9.81	6215950	20.0
Hexadecane	16.85	94.2	ng	5965710	4	15.17	1266850	20.0
Heneicosane	17.32	152.1	ng	5442650	5	18.72	715617	20.0