LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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	4.054	283	292	297	rBV2	222681	423324	2.19%	0.278%
2	4.184	309	314	320	rVB	181455	270564	1.40%	0.177%
3	4.331	331	339	344	rBV2	252097	377294	1.95%	0.247%
4	4.519	366	371	378	rVB2	134364	231849	1.20%	0.152%
5	4.631	384	390	392	rBV	818895	1022945	5.29%	0.671%
6	4.654	392	394	399	rVB2	287978	295781	1.53%	0.194%
7	4.749	402	410	417	rVB	233914	301114	1.56%	0.197%
8	5.037	454	459	465	rVB	668860	783462	4.05%	0.514%
9	5.113	465	472	474	rBV3	684609	1067191	5.52%	0.700%
10	5.143	474	477	481	rVB	874182	931891	4.82%	0.611%
11	5.196	481	486	493	rBV2	1503176	2459170	12.72%	1.612%
12	5.248	493	495	500	rVB2	316973	367979	1.90%	0.241%
13	5.319	504	507	510	rVB	252609	241083	1.25%	0.158%
14	5.384	513	518	522	rBV3	1017505	1749140	9.05%	1.147%
15	5.419	522	524	528	rVB2	359173	373590	1.93%	0.245%
16	5.466	528	532	534	rBV2	1843590	2256487	11.67%	1.479%
17	5.490	534	536	539	rVV	1487495	1420730	7.35%	0.931%
18	5.543	542	545	546	rVV2	353762	332816	1.72%	0.218%
19	5.572	546	550	552	rVV2	4962491	6769564	35.02%	4.438%
20	5.601	552	555	563	rVV	4088969	6280055	32.48%	4.117%
21	5.666	563	566	572	rVV	659707	842182	4.36%	0.552%
22	5.743	576	579	584	rVV2	1244487	2136782	11.05%	1.401%
23	5.790	584	587	590	rVV	1522983	1434133	7.42%	0.940%
24	5.831	590	594	598	rVV2	3514552	4660498	24.11%	3.055%
25	5.878	598	602	610	rVB	5351456	7353984	38.04%	4.821%
26	5.996	615	622	625	rBV3	1915487	2842810	14.70%	1.864%
27	6.031	625	628	632	rBV3	1023548	1414335	7.32%	0.927%
28	6.113	636	642	643	rBV	1231203	1493842	7.73%	0.979%
29	6.131	643	645	648	rVB3	1739105	1685601	8.72%	1.105%
30	6.166	648	651	654	rVB3	716646	808678	4.18%	0.530%
31	6.213	654	659	666	rBV2	4549071	10475276	54.19%	6.867%
32	6.272	666	669	672	rVB2	2003884	2125411	10.99%	1.393%
33	6.337	677	680	682	rVB	523474	494893	2.56%	0.324%
34	6.407	687	692	695	rBV3	2329757	4151309	21.47%	2.722%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.466	699	702	705	rVV	2275269	2523200	13.05%	1.654%
36	6.501	705	708	712	rVV3	5927793	10269537	53.12%	6.733%
37	6.560	716	718	720	rVV	3200544	3704993	19.16%	2.429%
38	6.584	720	722	724	rVV	3378850	3718808	19.24%	2.438%
39	6.613	725	727	731	rVV2	2500072	3380991	17.49%	2.217%
40	6.666	731	736	740	rVV2	2740100	4352310	22.51%	2.853%
41	6.719	740	745	747	rVV3	1560420	3122070	16.15%	2.047%
42	6.754	748	751	756	rVV	3190498	4835624	25.01%	3.170%
43	6.813	756	761	772	rVB2	6959343	19332383	100.00%	12.674%
44	6.937	778	782	784	rBV3	1733226	2624926	13.58%	1.721%
45	6.984	786	790	793	rVV	2946199	4147301	21.45%	2.719%
46	7.125	810	814	818	rBV4	2614260	5402807	27.95%	3.542%
47	7.248	829	835	838	rBV3	4363586	8247212	42.66%	5.407%
48	7.448	866	869	870	rBV	1309589	1428479	7.39%	0.936%
49	13.119	1831	1833	1836	rVB	1568081	1457039	7.54%	0.955%
50	13.513	1898	1900	1903	rBV2	750555	845697	4.37%	0.554%
51	14.171	2009	2012	2023	rVB2	1285605	2170385	11.23%	1.423%
52	15.701	2267	2272	2284	rVB	639599	1096074	5.67%	0.719%

Sum of corrected areas: 152535599

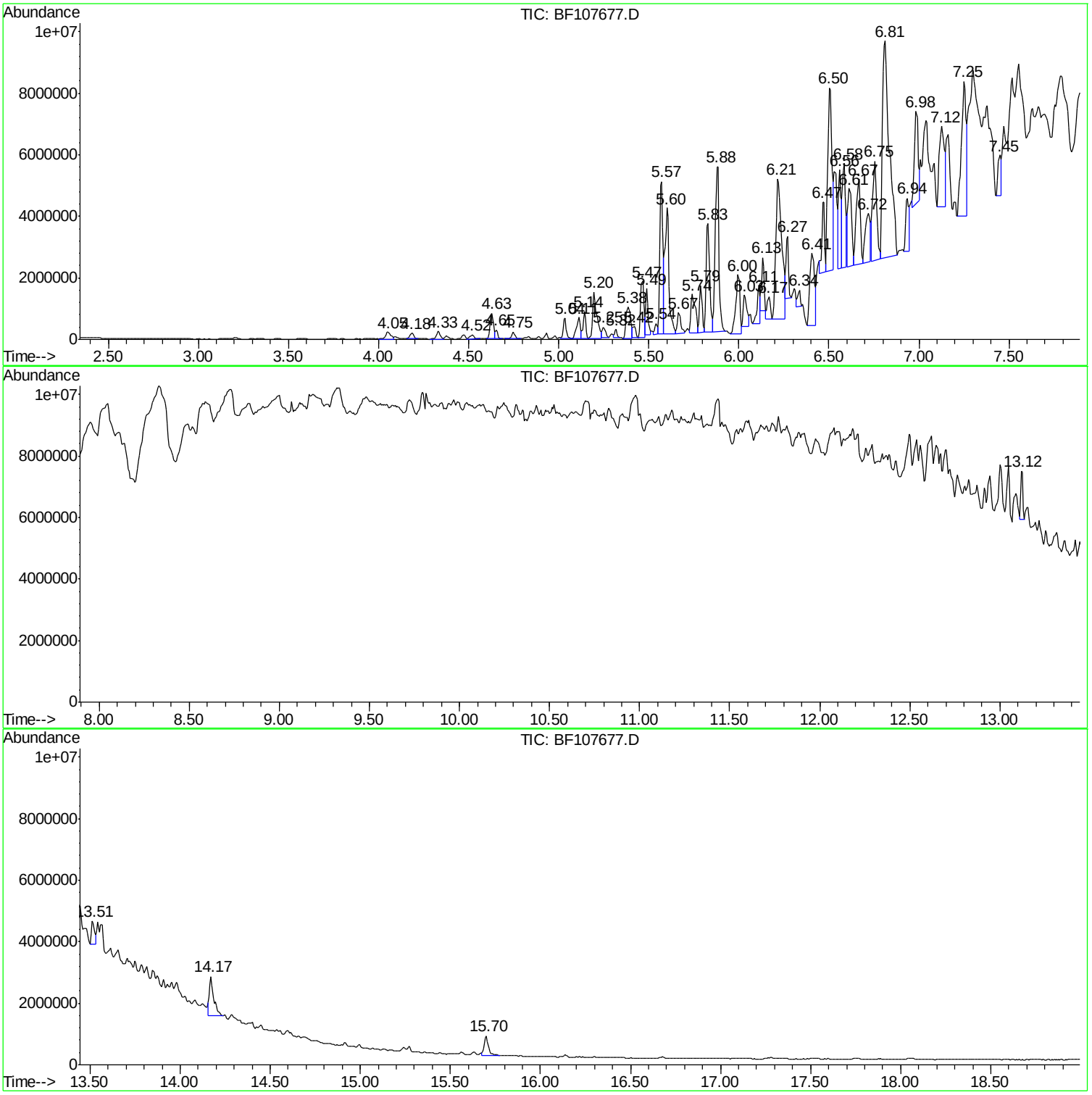
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

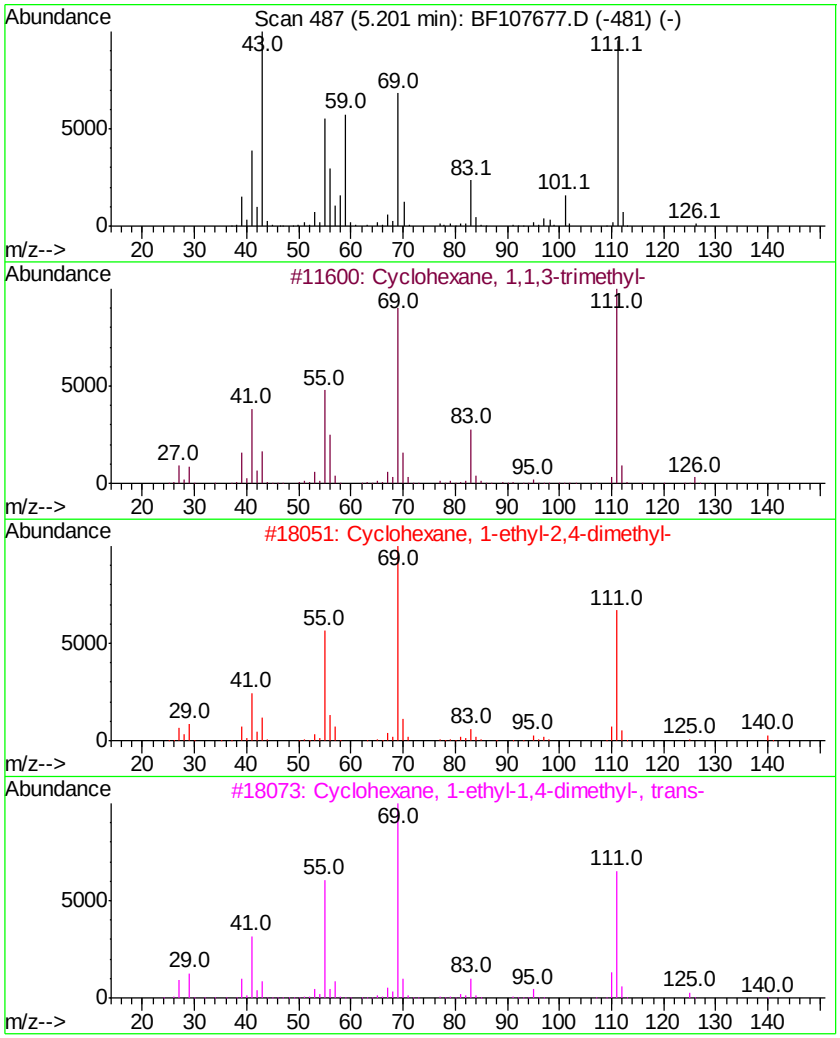
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

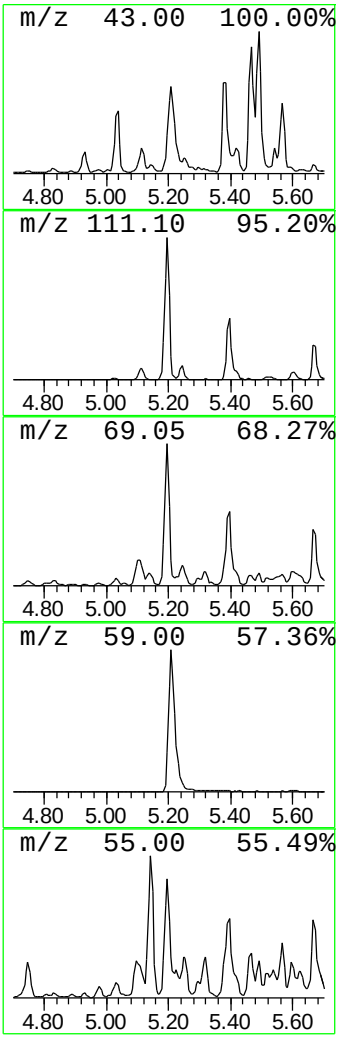
****

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	11.86 ng	2459170	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	64
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	50
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

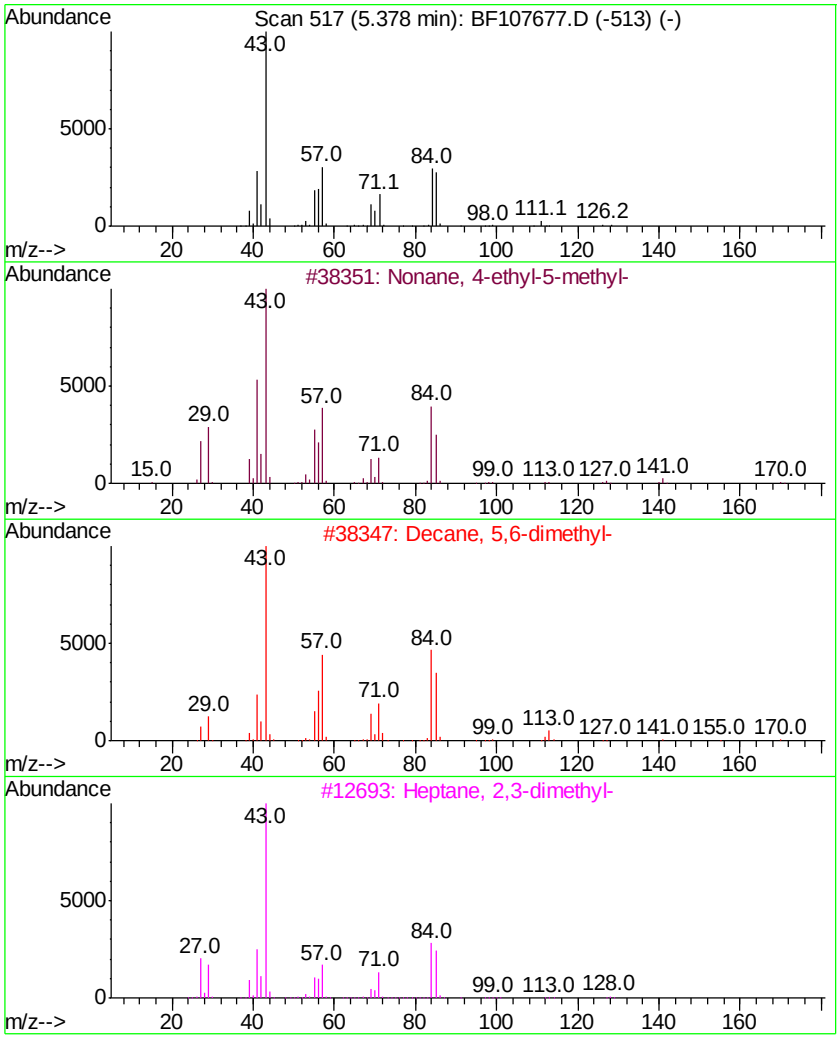
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

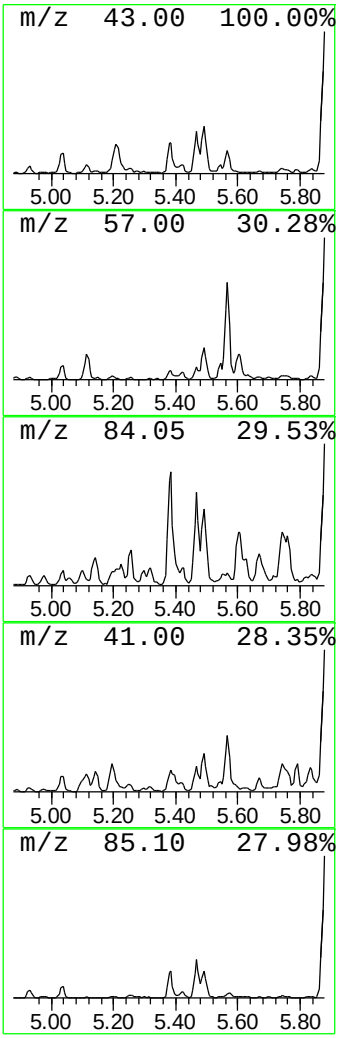
****

Peak Number 2 Nonane, 4-ethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	8.44 ng	1749140	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	64
2	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

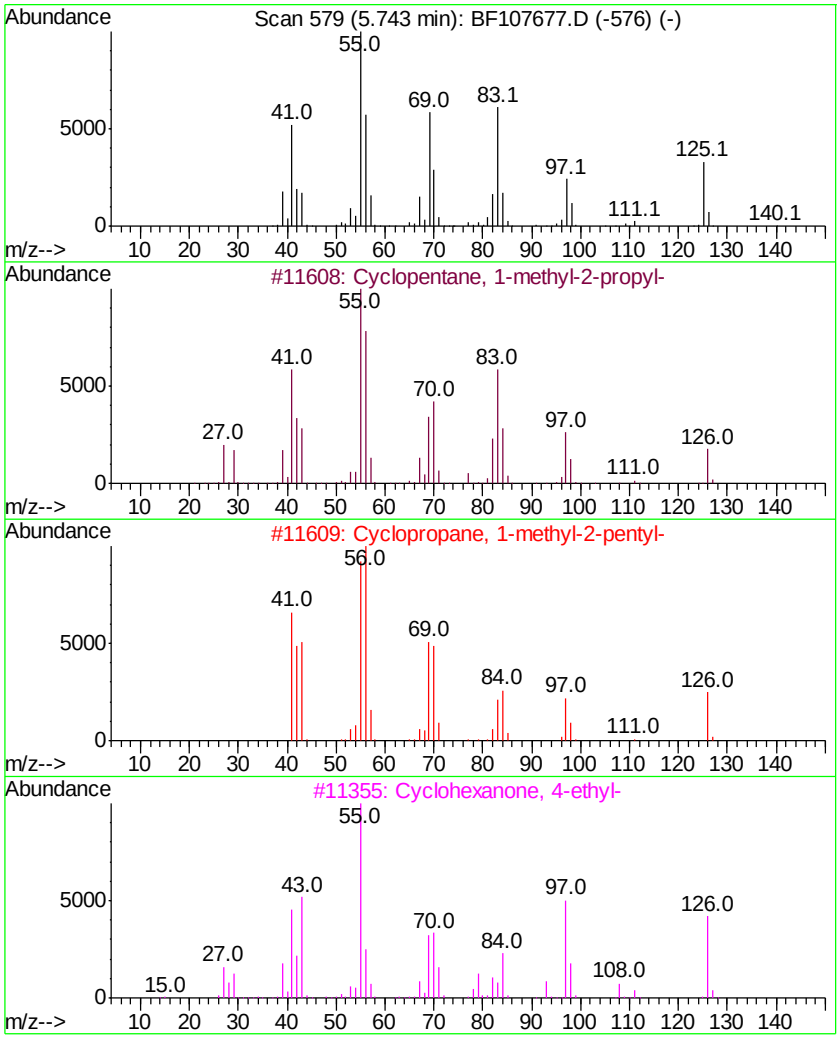
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

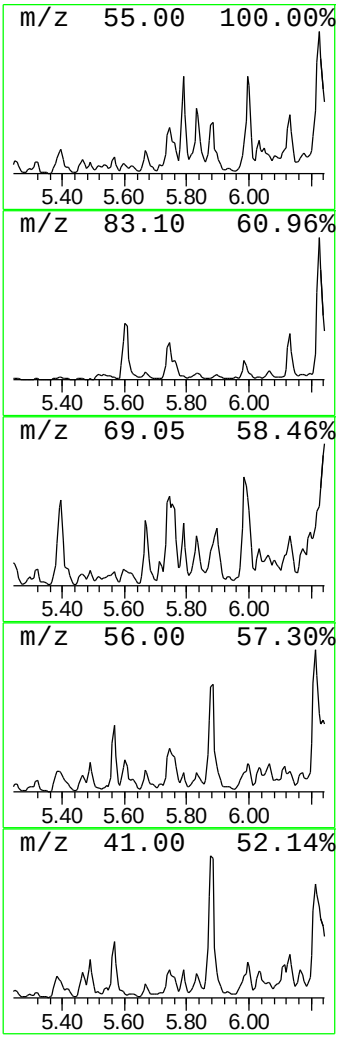
****

Peak Number 4 Cyclopentane, 1-methyl-2-pr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	10.30 ng	2136780	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	81
2	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	46
3	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	43
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38
5	Isopropylcyclobutane	98	C7H14	000872-56-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

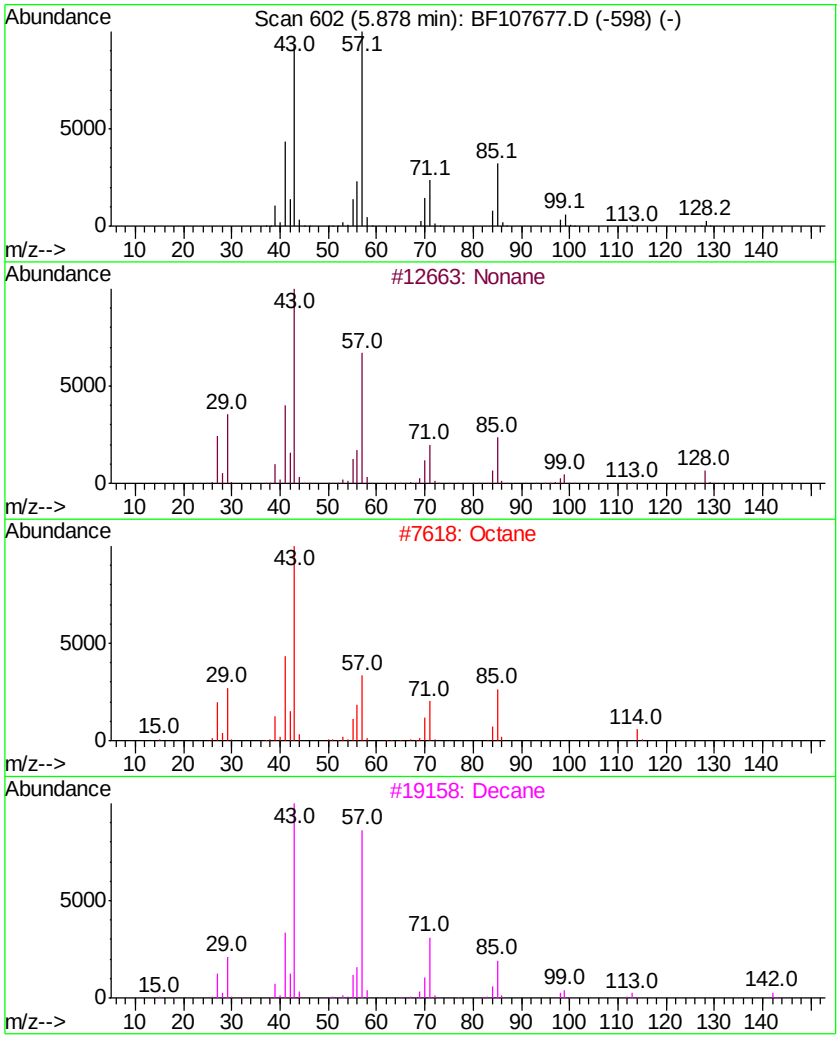
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

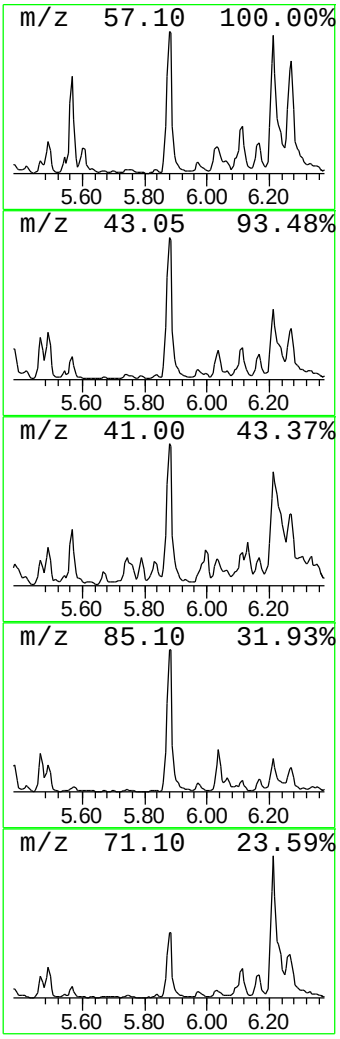
****

Peak Number 6 Nonane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	35.46 ng	7353980	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Octane	114	C8H18	000111-65-9	64
3	Decane	142	C10H22	000124-18-5	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

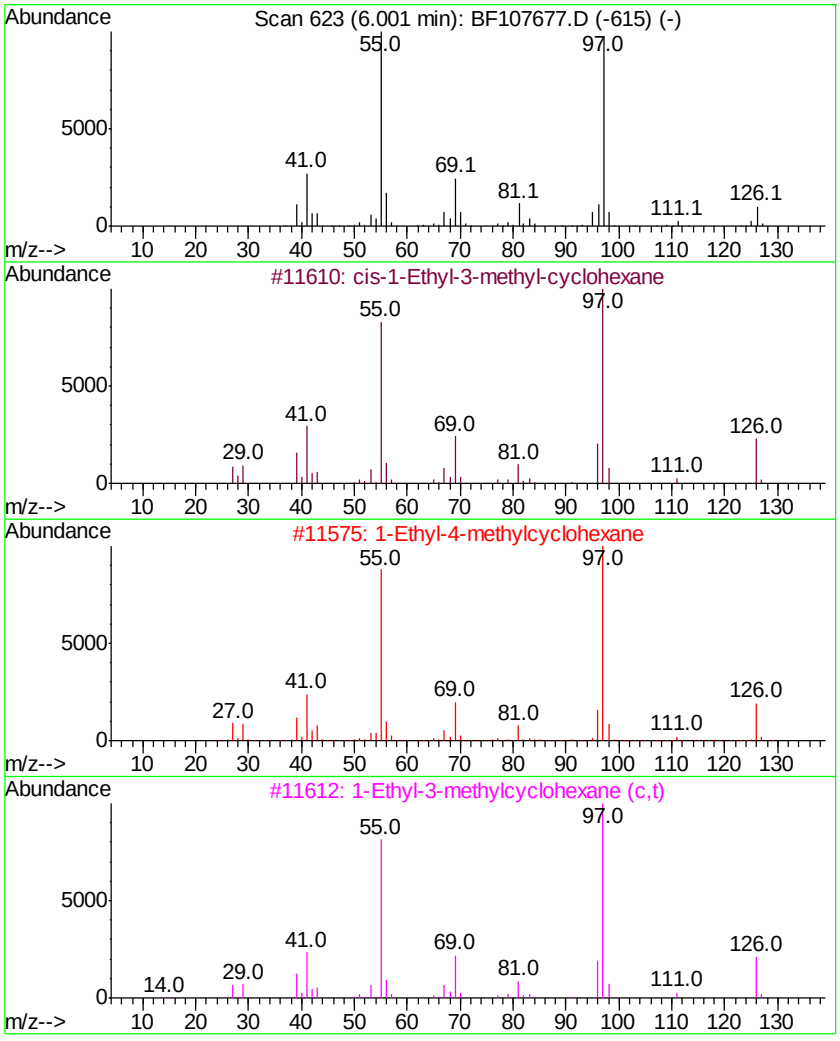
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

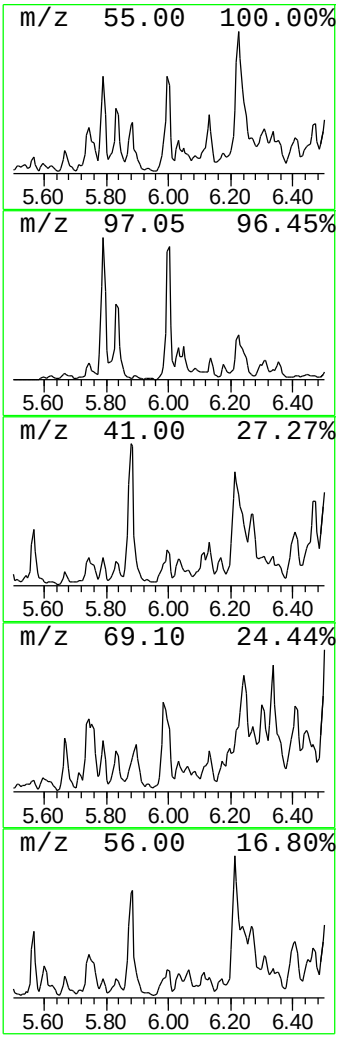
****

Peak Number 7 cis-1-Ethyl-3-methyl-cycloh... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	13.71 ng	2842810	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methylcyclohexane	126	C9H18	019489-10-2	90
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

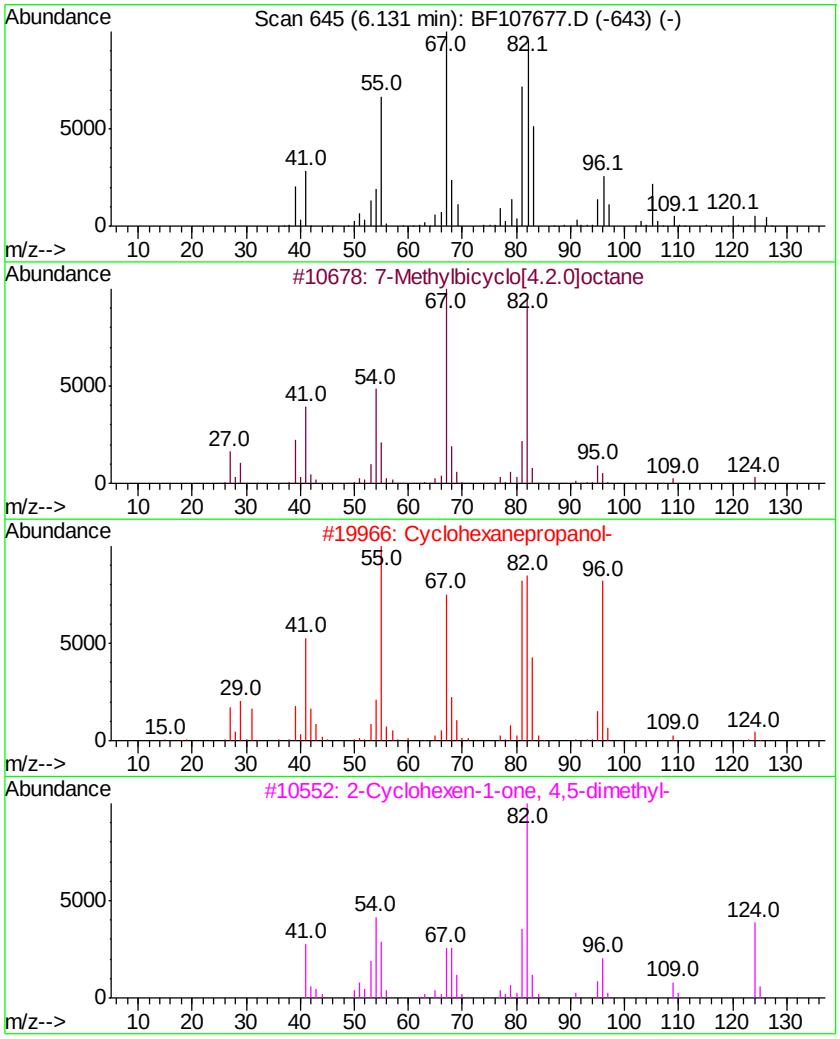
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

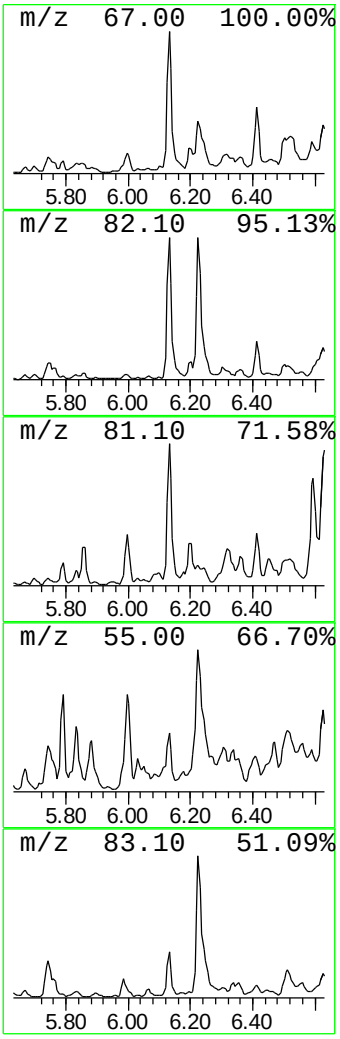
****

Peak Number 8 7-Methylbicyclo[4.2.0]octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	8.13 ng	1685600	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	58
2	Cyclohexanepropanol-	142	C9H18O	001124-63-6	53
3	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	47
4	Cyclohexaneethanol	128	C8H16O	004442-79-9	47
5	Octahydropentalen-1-ol	126	C8H14O	037465-25-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

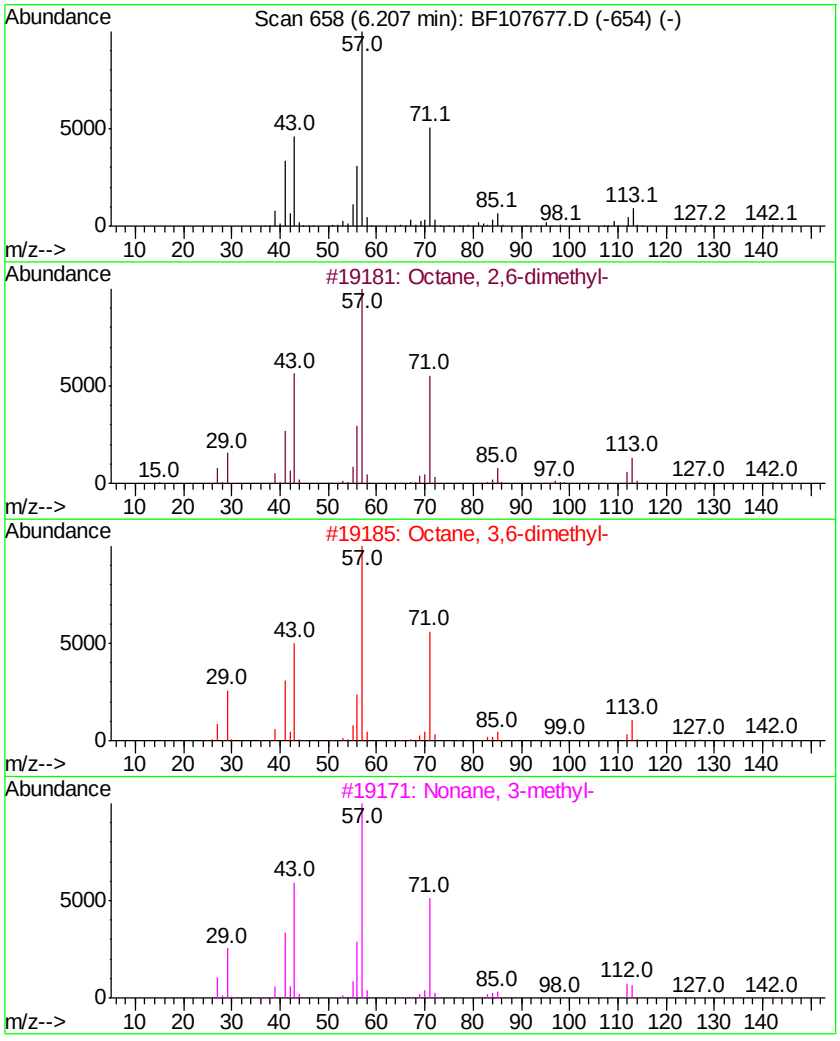
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

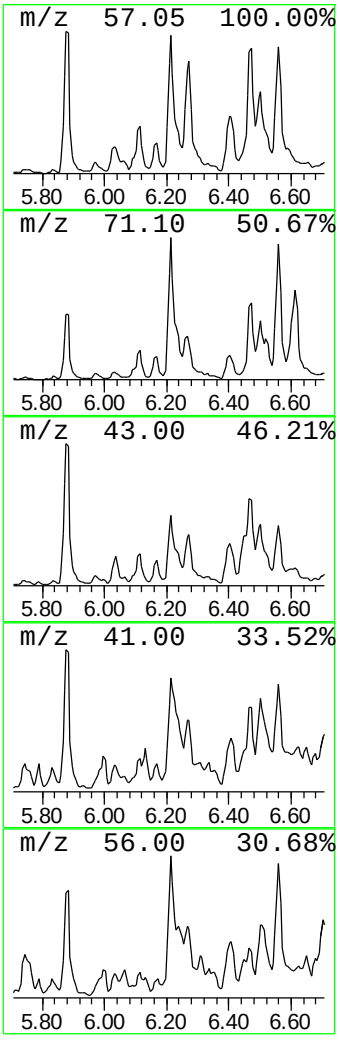
****

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	50.52 ng	10475300	1,4-Dichlorobenzene-d4	6.98

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	86
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	80
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

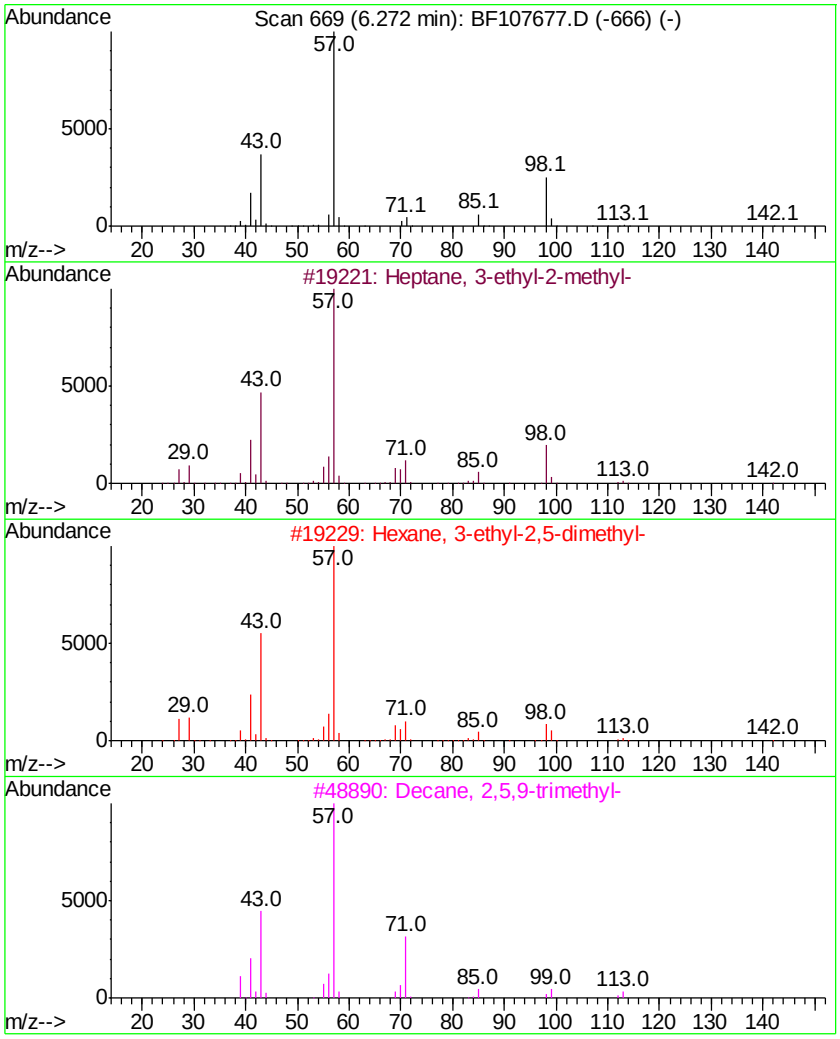
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

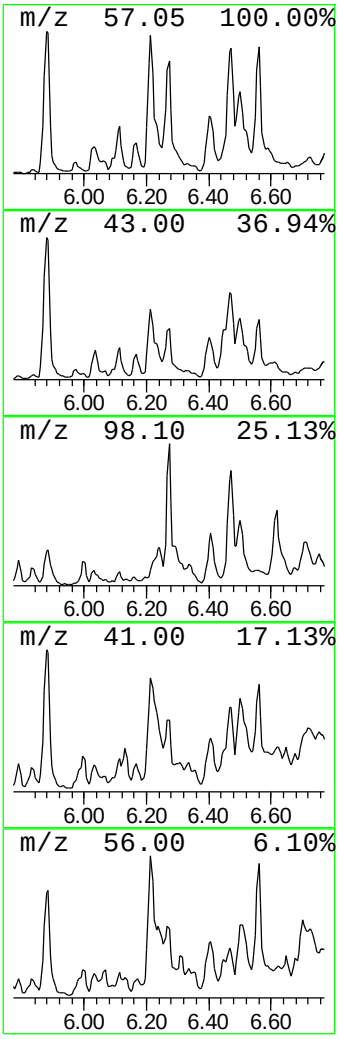
****

Peak Number 10 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	10.25 ng	2125410	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	25
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	9
5	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

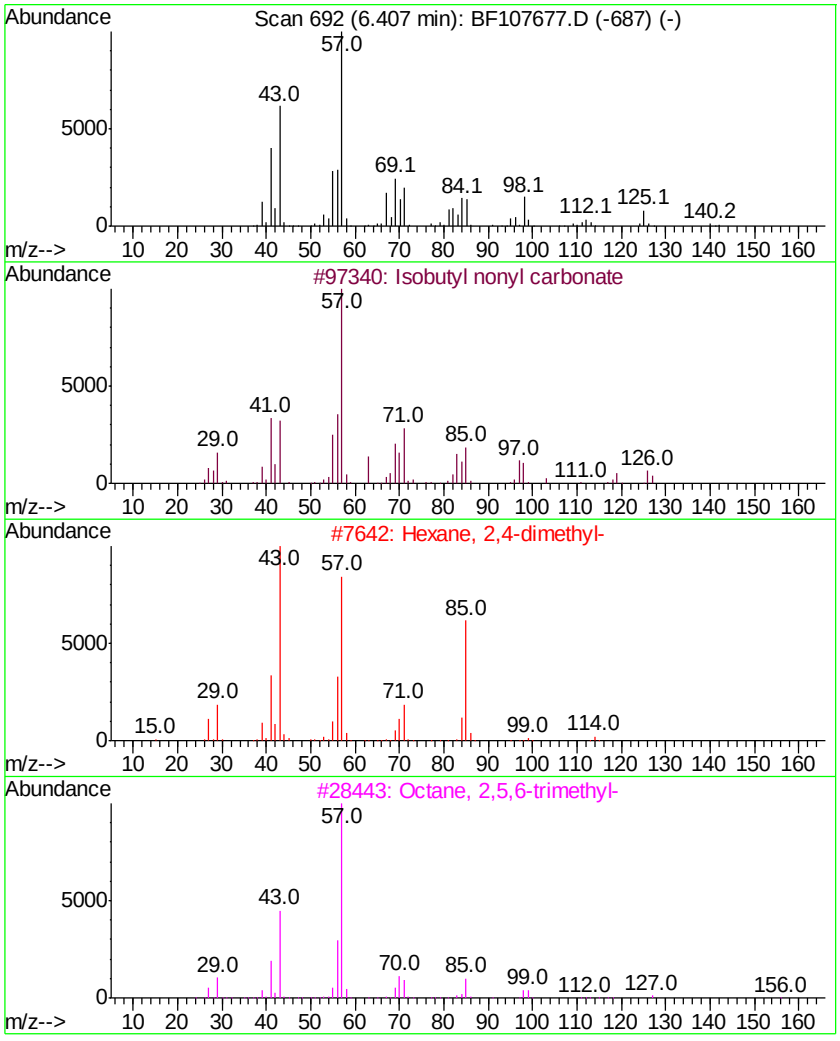
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

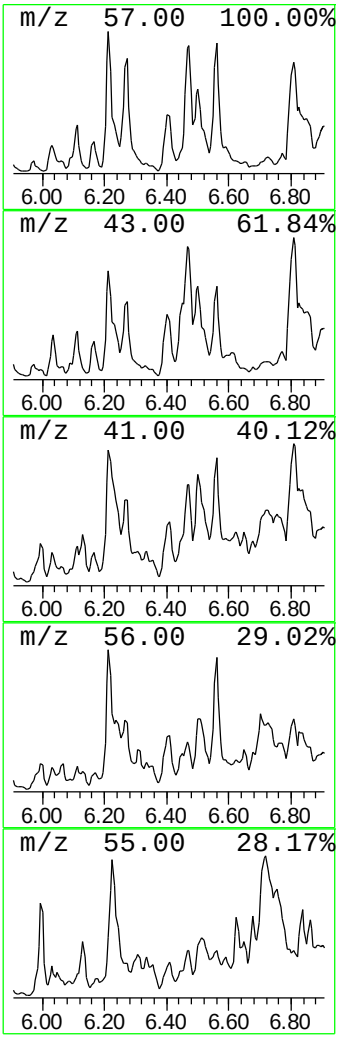
****

Peak Number 11 Isobutyl nonyl carbonate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	20.02 ng	4151310	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	72
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

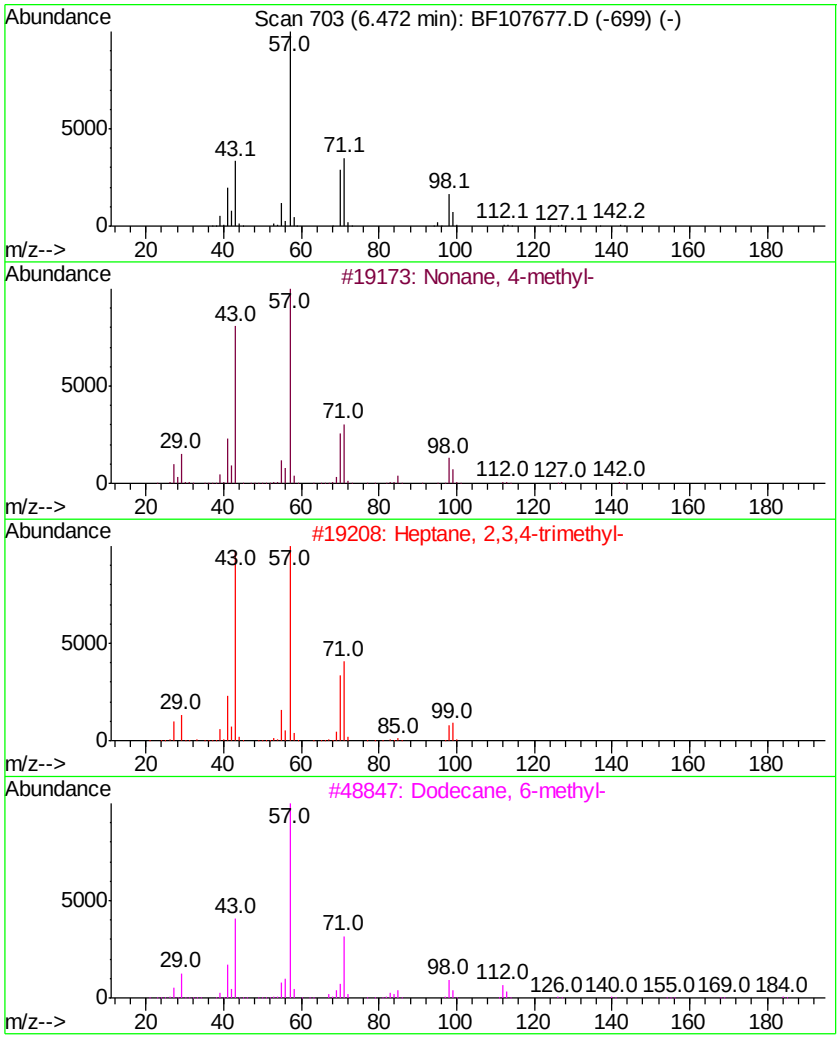
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

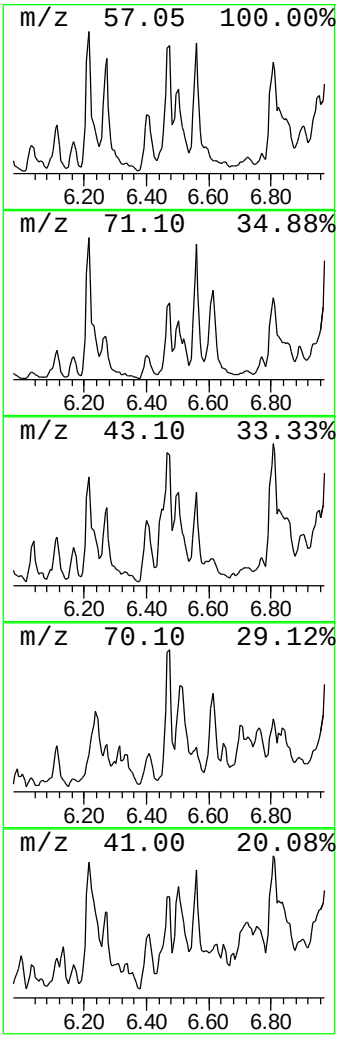
****

Peak Number 12 Nonane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	12.17 ng	2523200	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

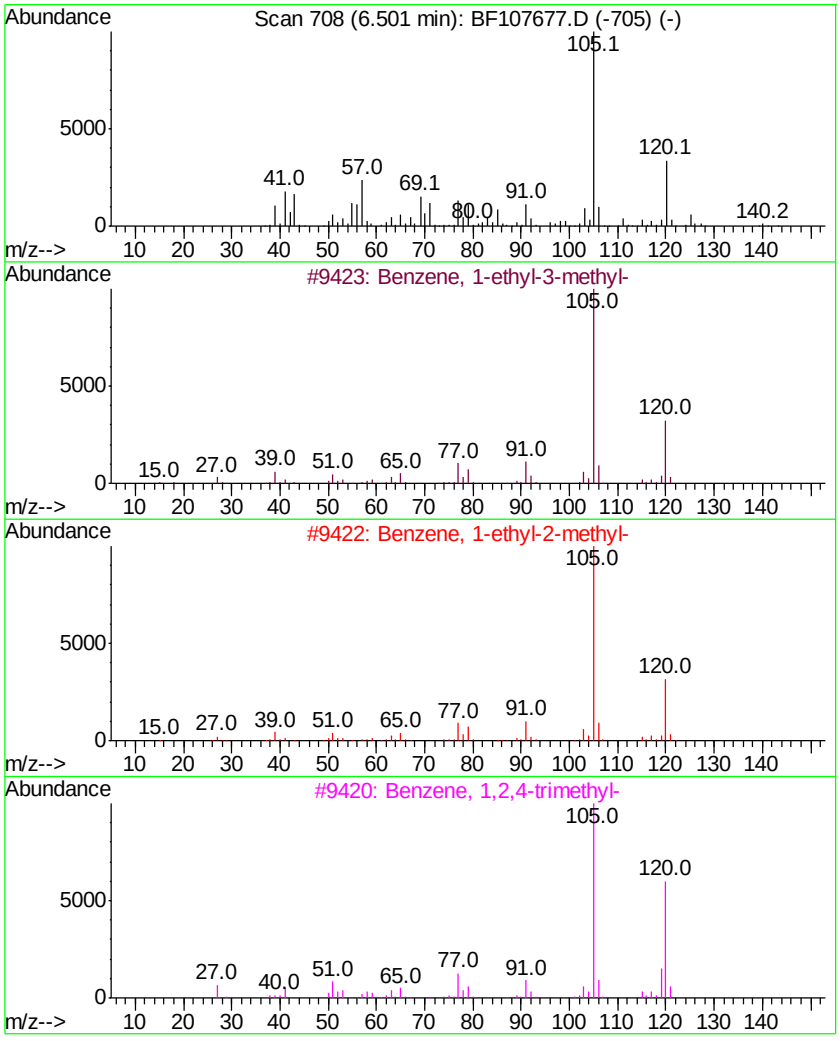
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

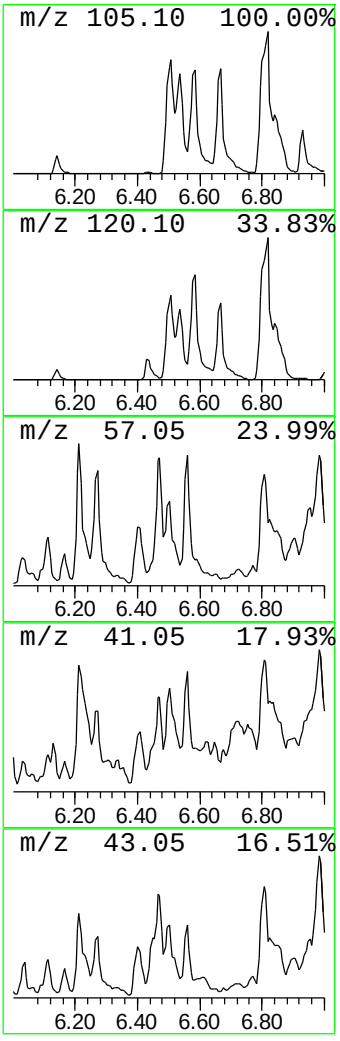
****

Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	49.52 ng	10269500	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

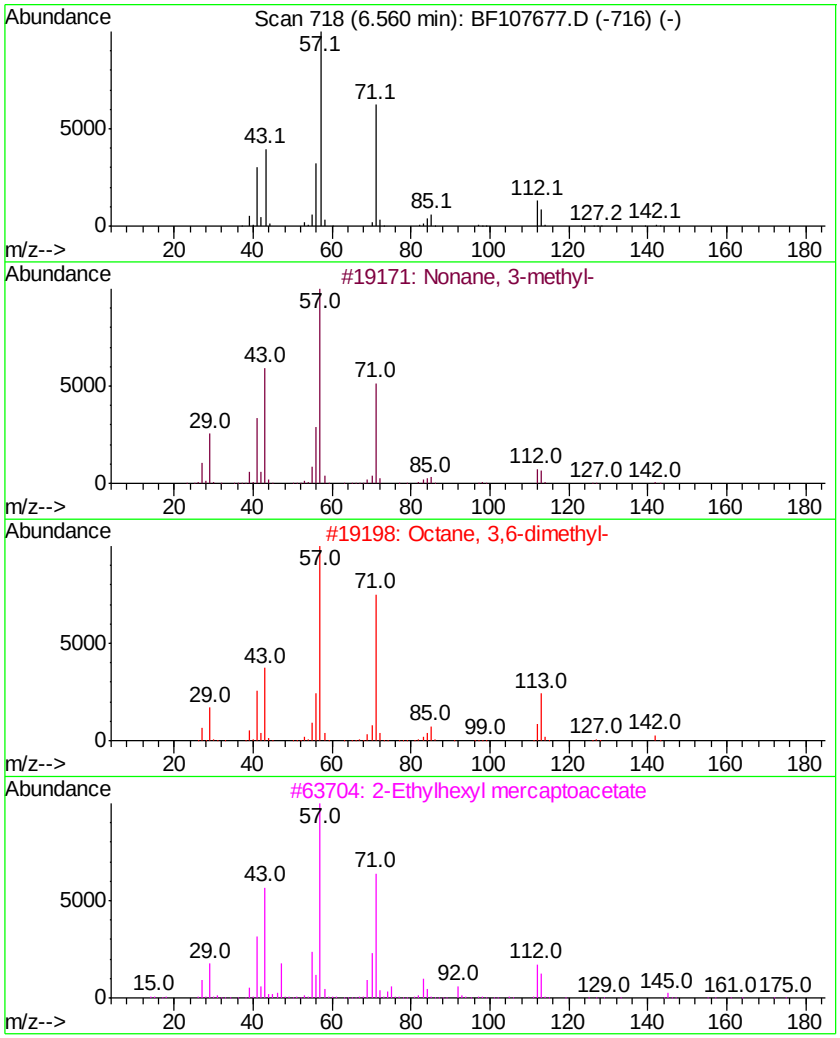
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

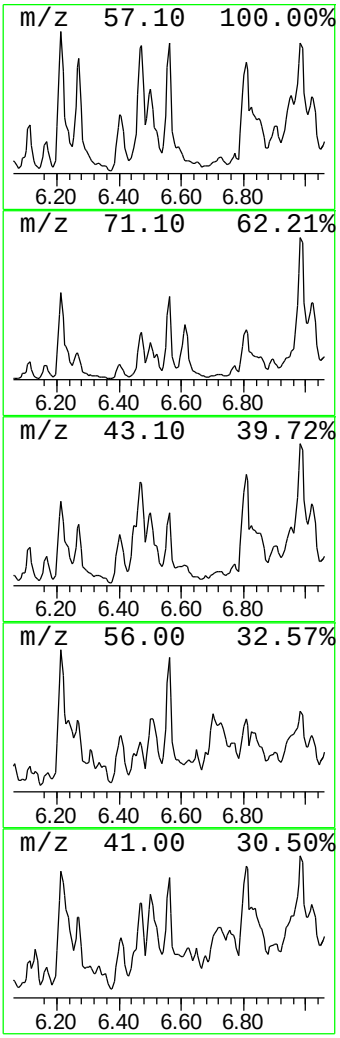
****

Peak Number 14 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	17.87 ng	3704990	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

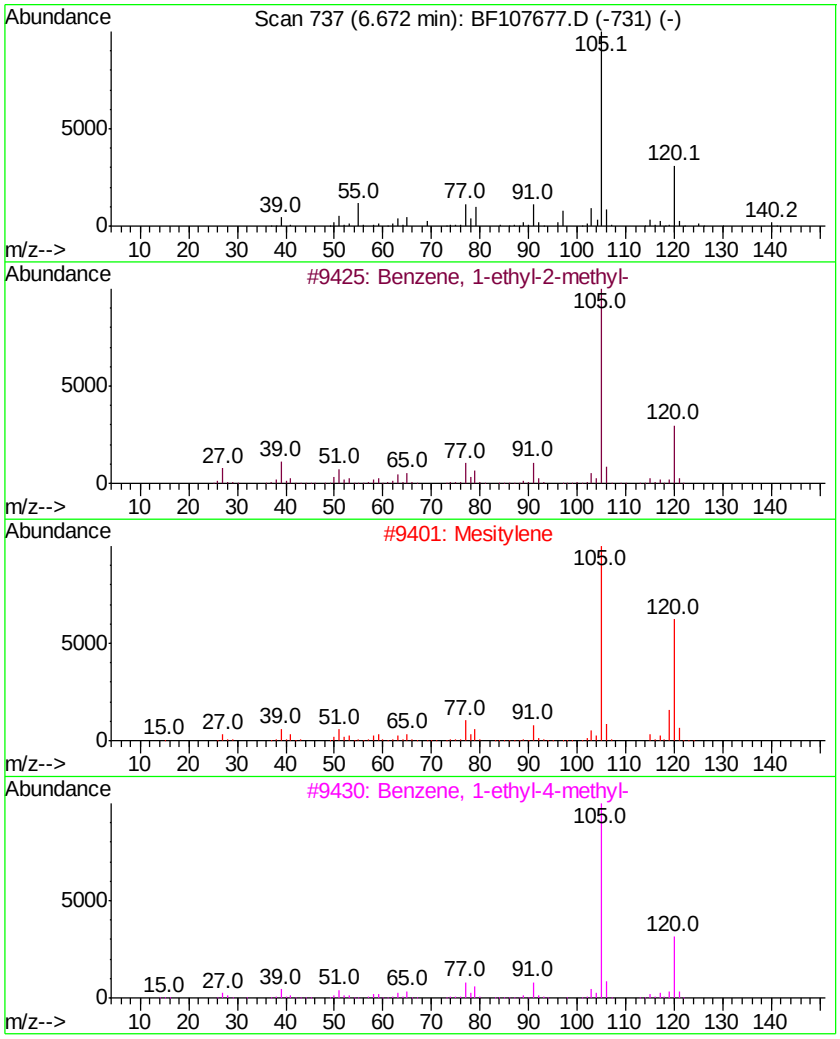
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

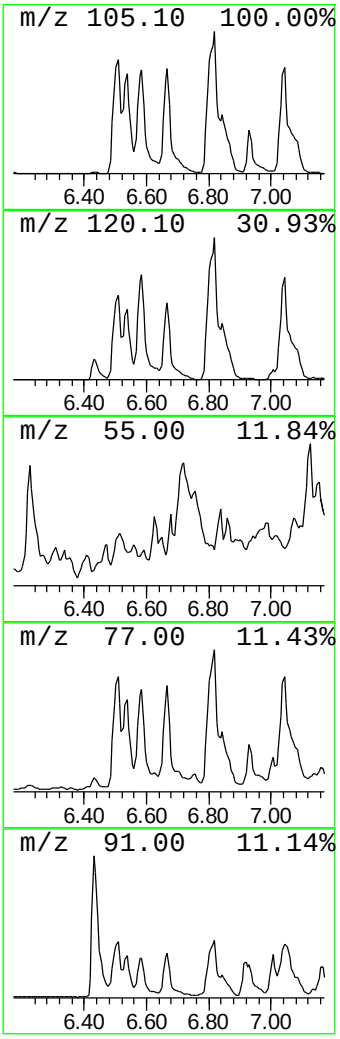
****

Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	20.99 ng	4352310	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

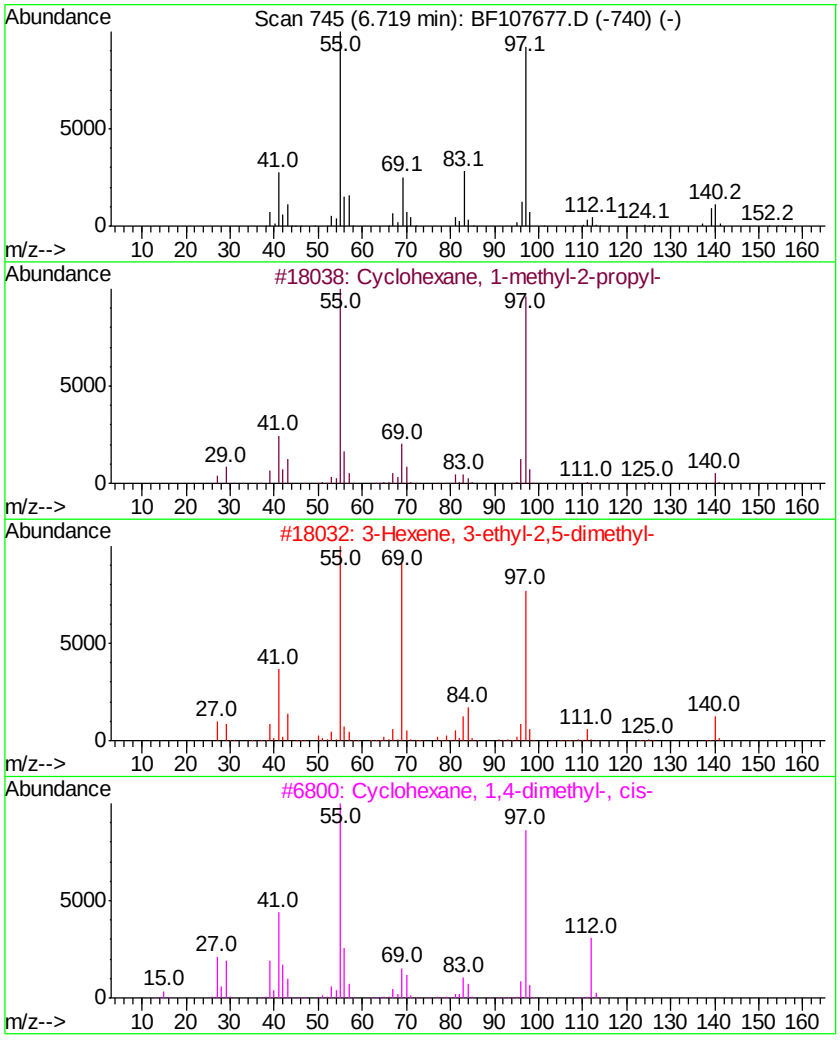
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

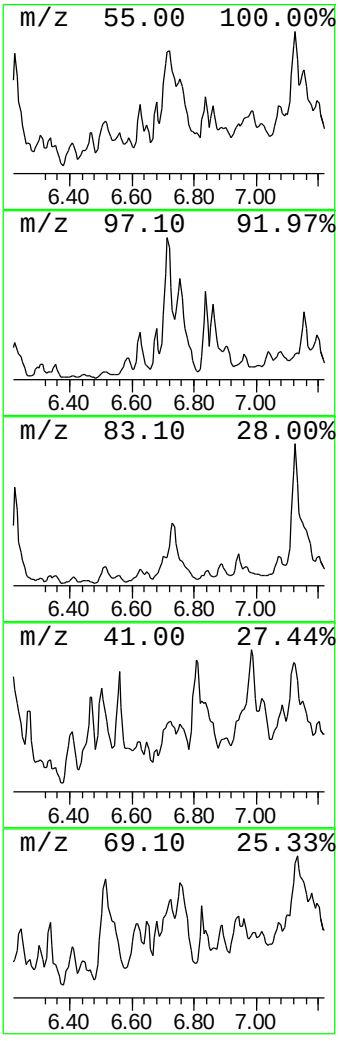
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, 1-methyl-2-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	15.06 ng	3122070	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	81
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	64
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
4	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

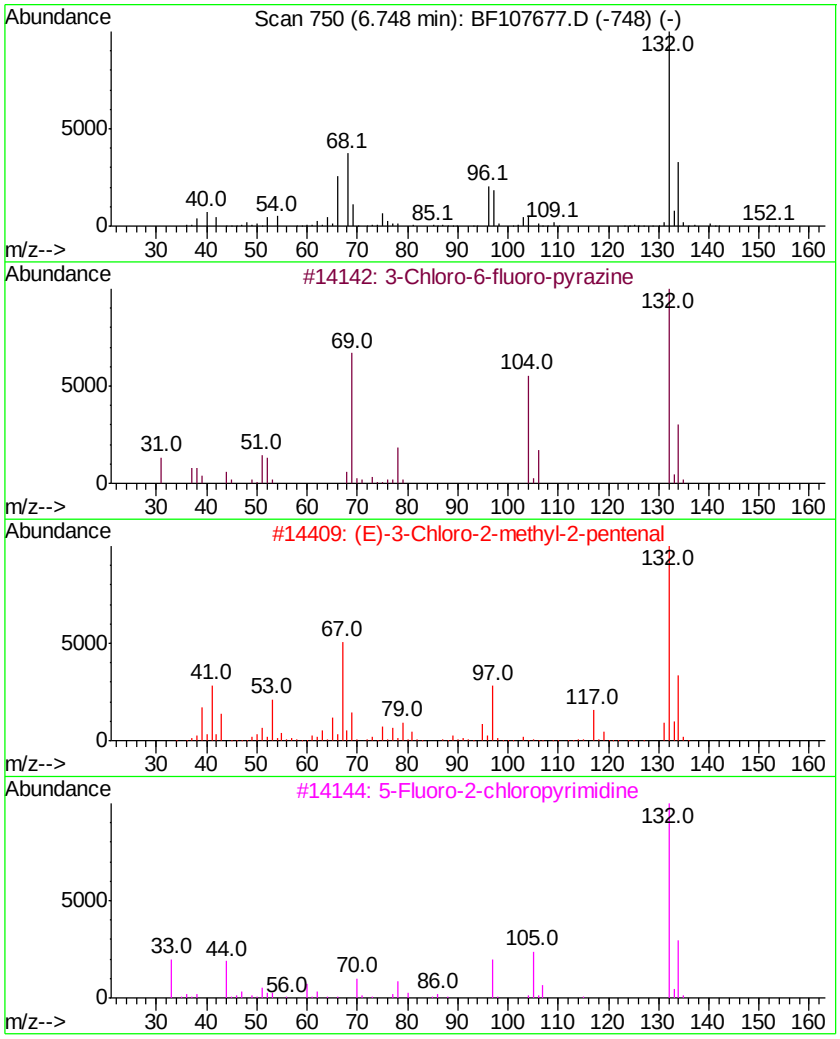
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

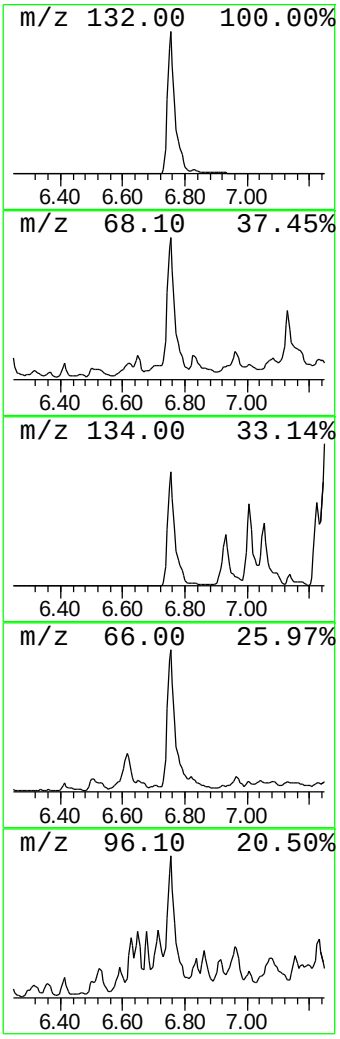
****

Peak Number 17 unknown6.75 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	23.32 ng	4835620	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

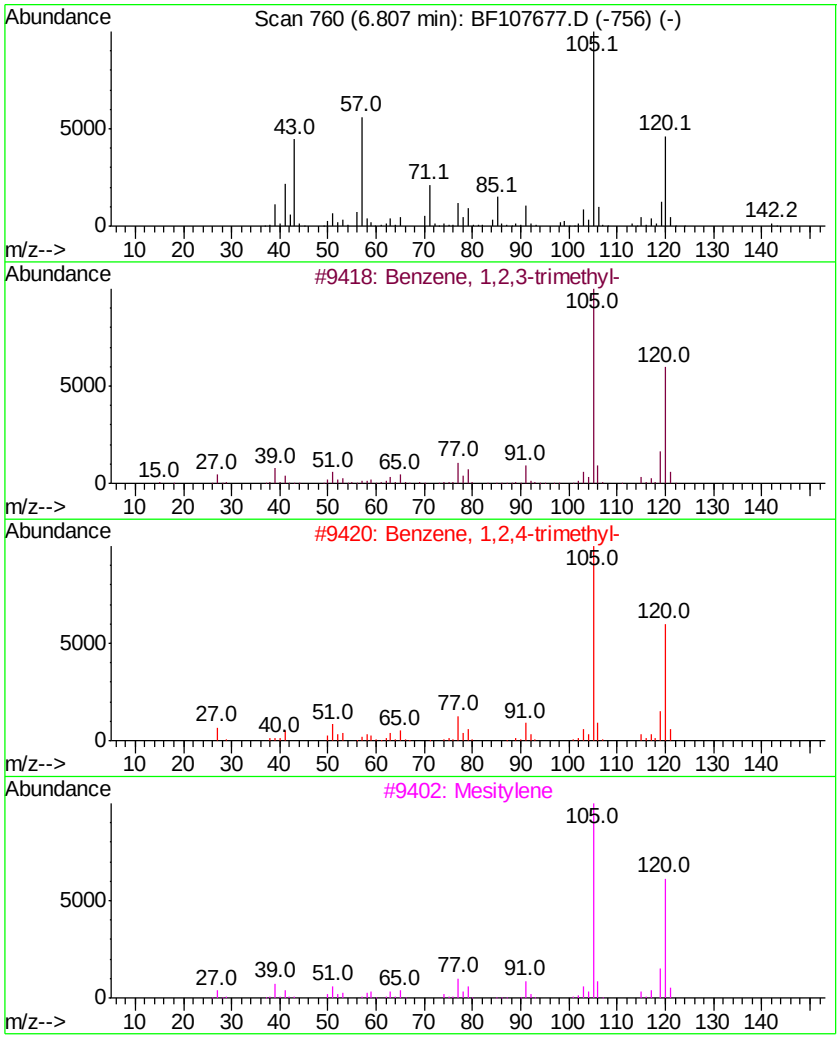
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

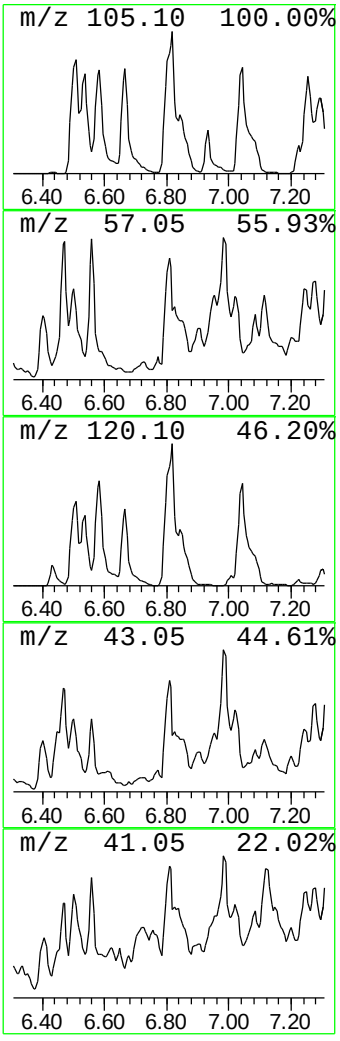
****

Peak Number 18 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	93.23 ng	19332400	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

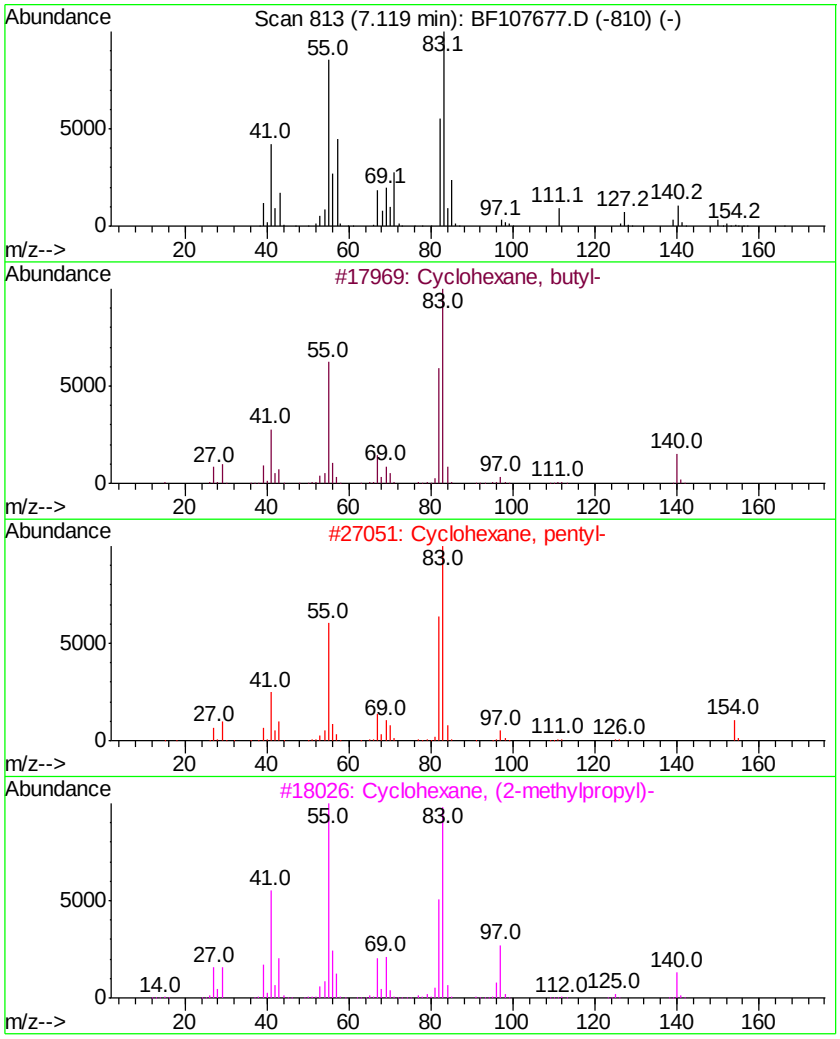
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

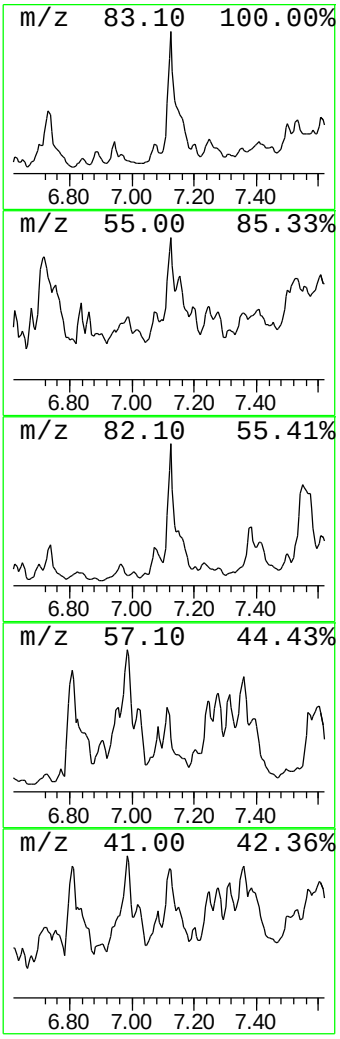
****

Peak Number 19 Cyclohexane, butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	26.05 ng	5402810	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

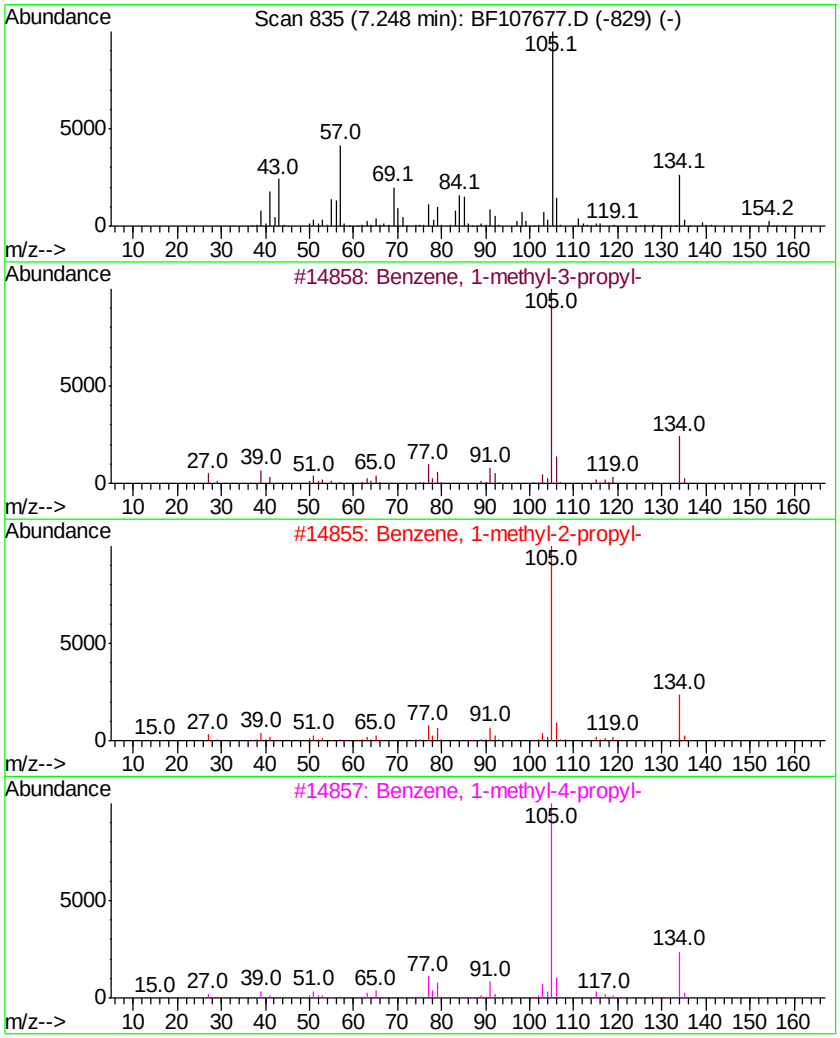
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

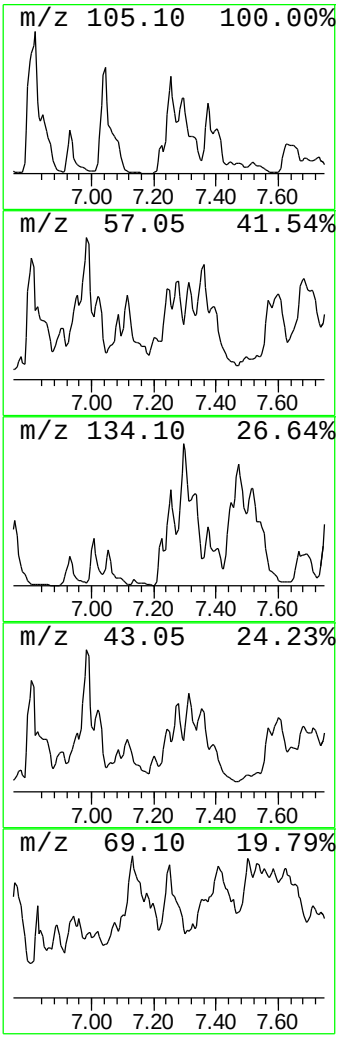
****

Peak Number 20 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	39.77 ng	8247210	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	52
5	2-Indanol	134	C9H10O	004254-29-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107677.D
Acq On : 26 Jul 2018 1:27
Operator : JU/SJ
Sample : J4138-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
Cyclohexane, 1,1,...	5.20	11.9	ng	2459170	1	6.98	4147300	20.0
Nonane, 4-ethyl-5...	5.38	8.4	ng	1749140	1	6.98	4147300	20.0
Cyclopentane, 1-m...	5.74	10.3	ng	2136780	1	6.98	4147300	20.0
Nonane	5.88	35.5	ng	7353980	1	6.98	4147300	20.0
cis-1-Ethyl-3-met...	6.00	13.7	ng	2842810	1	6.98	4147300	20.0
7-Methylbicyclo[4...	6.13	8.1	ng	1685600	1	6.98	4147300	20.0
Octane, 2,6-dimet...	6.21	50.5	ng	10475300	1	6.98	4147300	20.0
Heptane, 3-ethyl-...	6.27	10.3	ng	2125410	1	6.98	4147300	20.0
Isobutyl nonyl ca...	6.41	20.0	ng	4151310	1	6.98	4147300	20.0
Nonane, 4-methyl-	6.47	12.2	ng	2523200	1	6.98	4147300	20.0
Benzene, 1-ethyl-...	6.50	49.5	ng	10269500	1	6.98	4147300	20.0
Nonane, 3-methyl-	6.56	17.9	ng	3704990	1	6.98	4147300	20.0
Benzene, 1-ethyl-...	6.67	21.0	ng	4352310	1	6.98	4147300	20.0
Cyclohexane, 1-me...	6.72	15.1	ng	3122070	1	6.98	4147300	20.0
unknown6.75	6.75	23.3	ng	4835620	1	6.98	4147300	20.0
Benzene, 1,2,3-tr...	6.81	93.2	ng	19332400	1	6.98	4147300	20.0
Cyclohexane, butyl-	7.12	26.1	ng	5402810	1	6.98	4147300	20.0
Benzene, 1-methyl...	7.25	39.8	ng	8247210	1	6.98	4147300	20.0