LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.928	323	330	356	rBV	11760354	17619764	28.25%	12.384%
2	6.769	638	643	656	rBV	78723	141668	0.23%	0.100%
3	6.934	665	671	693	rBV	317088	574590	0.92%	0.404%
4	7.116	696	702	716	rVB	389287	644698	1.03%	0.453%
5	7.463	754	761	769	rBV	1253922	1934002	3.10%	1.359%
6	7.581	774	781	782	rVV	478211	611013	0.98%	0.429%
7	7.616	782	787	806	rVB	4538850	7021367	11.26%	4.935%
8	7.945	830	843	849	rBV	33685365	62371473	100.00%	43.839%
9	8.298	897	903	921	rBV	231190	435800	0.70%	0.306%
10	8.751	973	980	998	rBV	411289	733837	1.18%	0.516%
11	9.069	1029	1034	1044	rVB2	55557	95715	0.15%	0.067%
12	9.463	1095	1101	1119	rBV	351691	629931	1.01%	0.443%
13	9.992	1183	1191	1214	rBV	401777	888170	1.42%	0.624%
14	10.228	1223	1231	1247	rBV	10160877	16472963	26.41%	11.578%
15	10.363	1247	1254	1260	rBV	726218	1132508	1.82%	0.796%
16	10.739	1311	1318	1332	rBV	1585938	2689490	4.31%	1.890%
17	12.416	1593	1603	1613	rBV	120062	233056	0.37%	0.164%
18	13.033	1702	1708	1717	rBV	130543	215049	0.34%	0.151%
19	13.286	1746	1751	1766	rBV	114741	263367	0.42%	0.185%
20	13.663	1809	1815	1828	rBV	1069522	1573852	2.52%	1.106%
21	13.933	1853	1861	1872	rBV	1276189	1885985	3.02%	1.326%
22	14.239	1907	1913	1923	rBV2	1019458	1524077	2.44%	1.071%
23	15.239	2077	2083	2093	rBV	1587442	2385995	3.83%	1.677%
24	15.392	2103	2109	2121	rBV	467558	770048	1.23%	0.541%
25	16.998	2376	2382	2393	rBV2	1321639	1765423	2.83%	1.241%
26	17.098	2393	2399	2418	rVB2	1828910	2670414	4.28%	1.877%
27	19.404	2785	2791	2805	rBV	2457677	3512352	5.63%	2.469%
28	21.203	3092	3097	3108	rBV2	1792797	2594100	4.16%	1.823%
29	21.768	3190	3193	3197	rVB	61149	63240	0.10%	0.044%
30	22.221	3267	3270	3275	rVB	118218	138931	0.22%	0.098%
31	22.715	3350	3354	3359	rVB	160767	217960	0.35%	0.153%
32	23.274	3441	3449	3461	rBV	2720790	4887391	7.84%	3.435%
33	23.415	3466	3473	3483	rVB2	1537923	2941275	4.72%	2.067%
34	23.891	3549	3554	3562	rVB	179743	316852	0.51%	0.223%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	24.615	3673	3677	3686	rVB2	173368	319173	0.51%	0.224%

Sum of corrected areas: 142275529

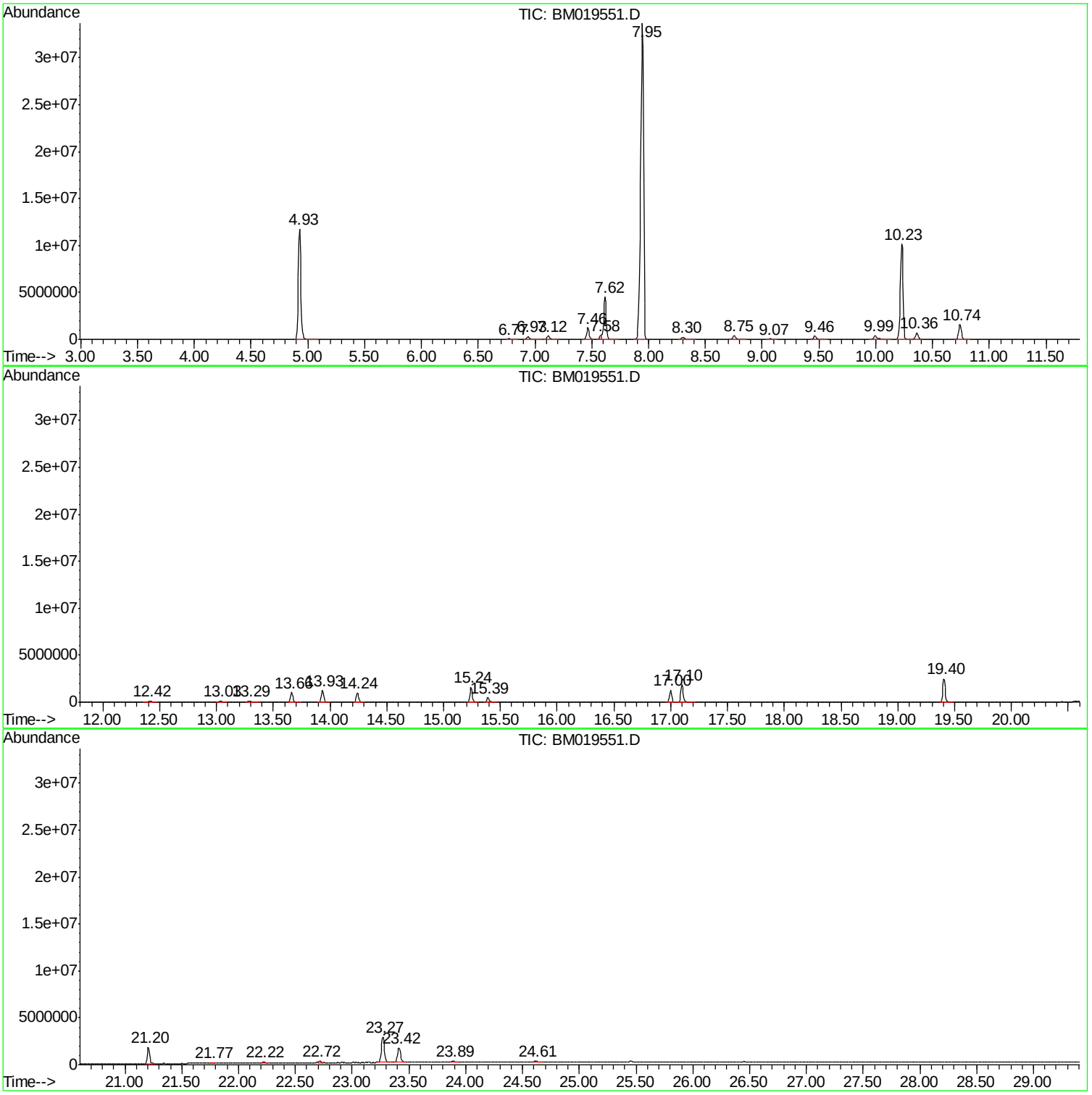
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

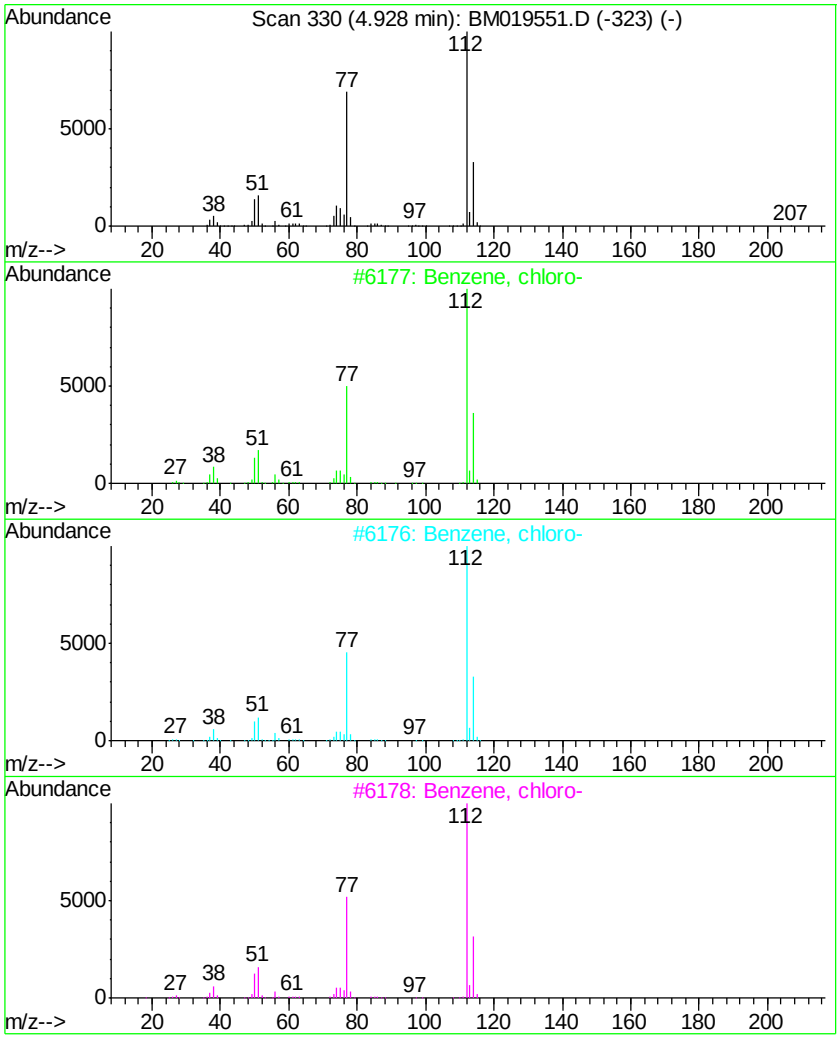
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

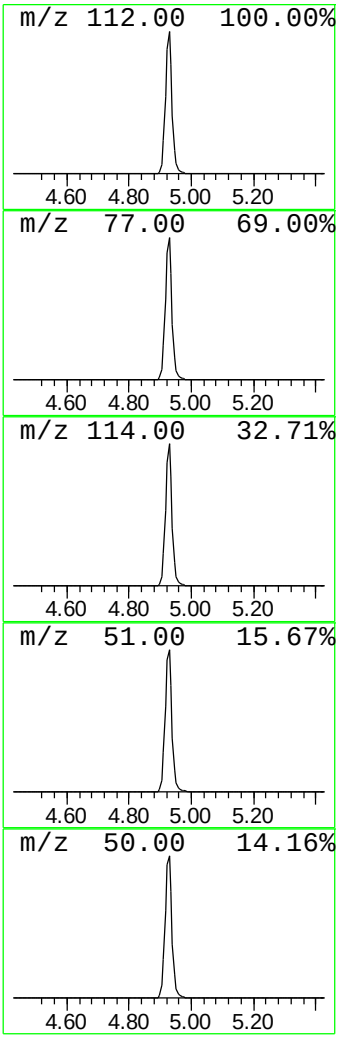
****

Peak Number 1 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	576.74 ng/ul	17619800	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

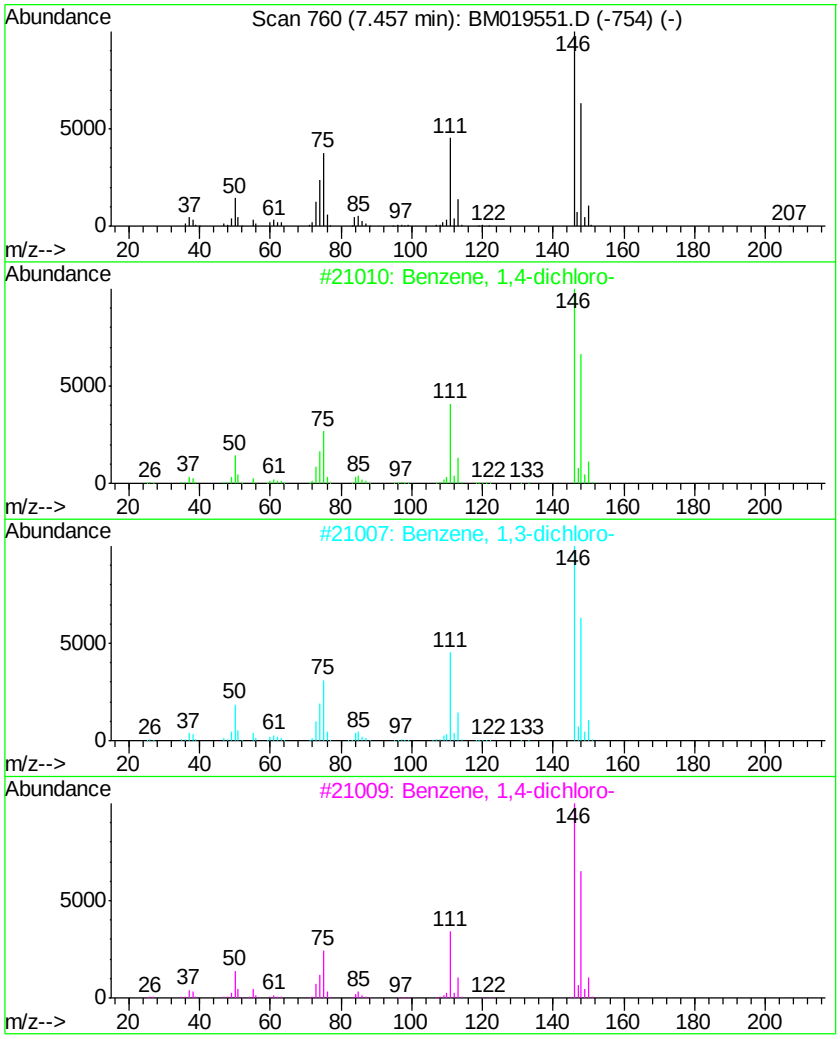
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

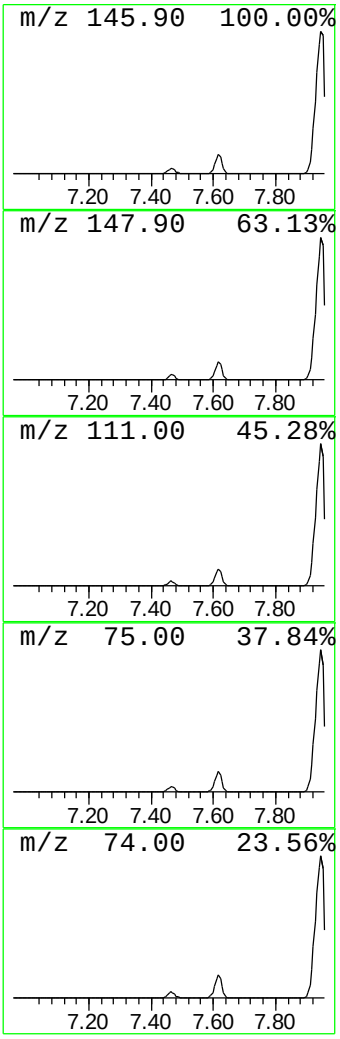
****

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	63.30 ng/ul	1934000	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

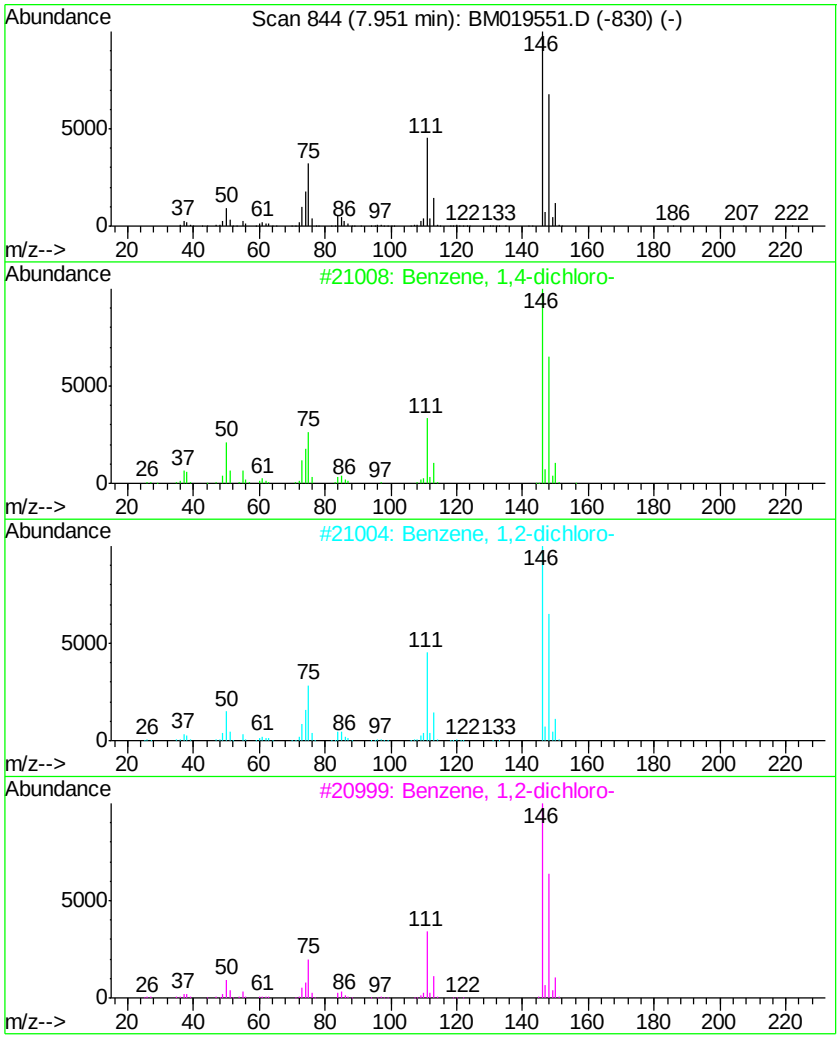
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

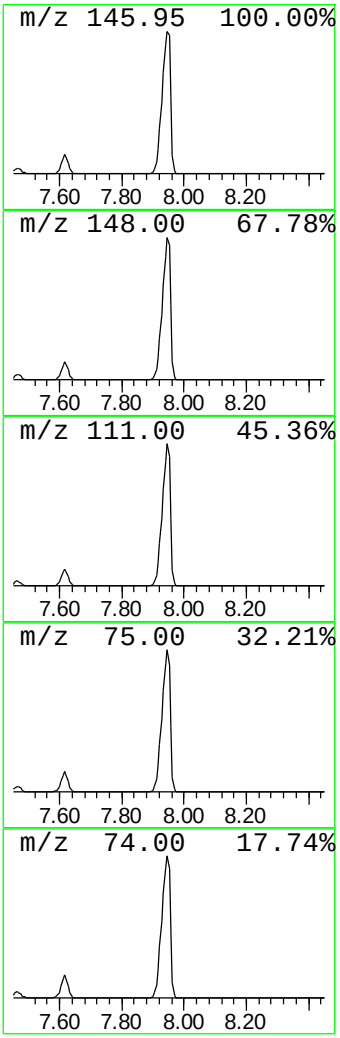
****

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	2041.58 ng/ul	62371500	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

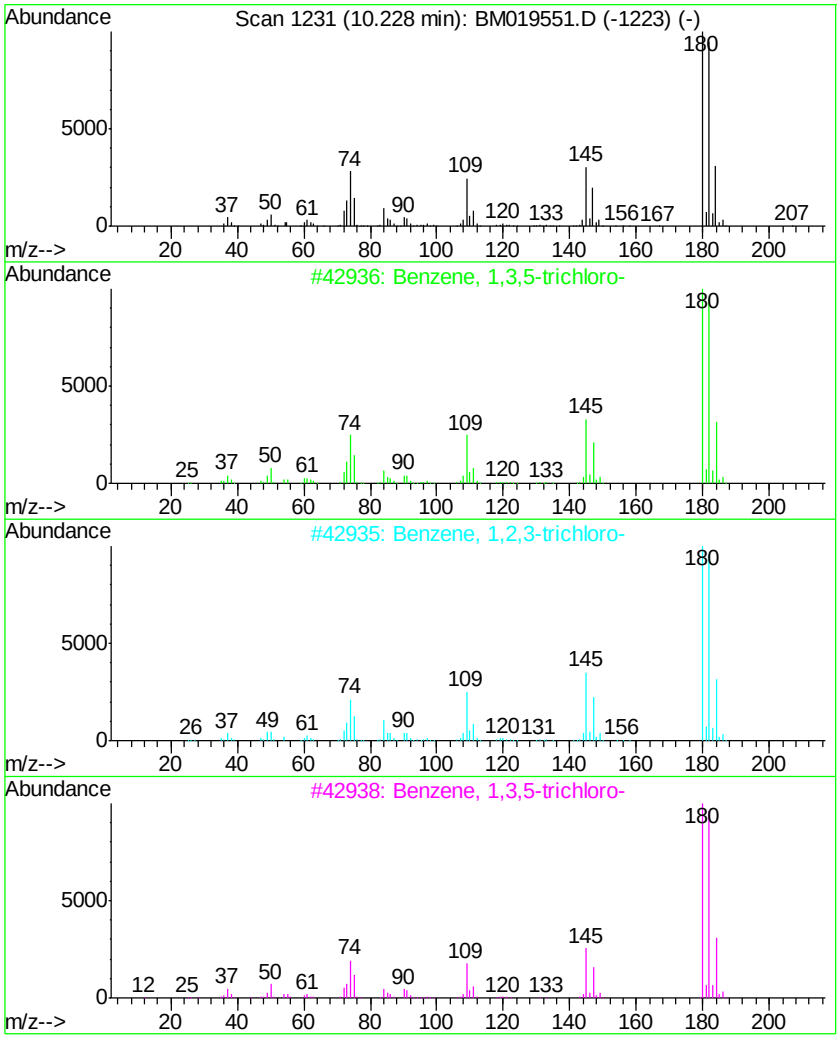
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

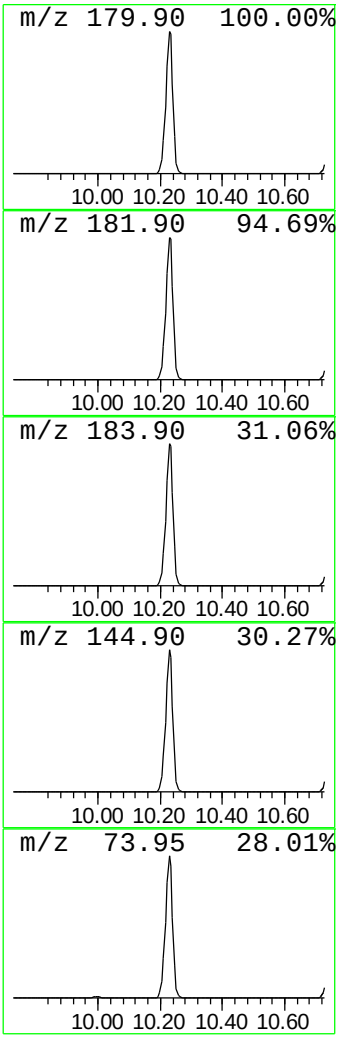
****

Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	290.91 ng/ul	16473000	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

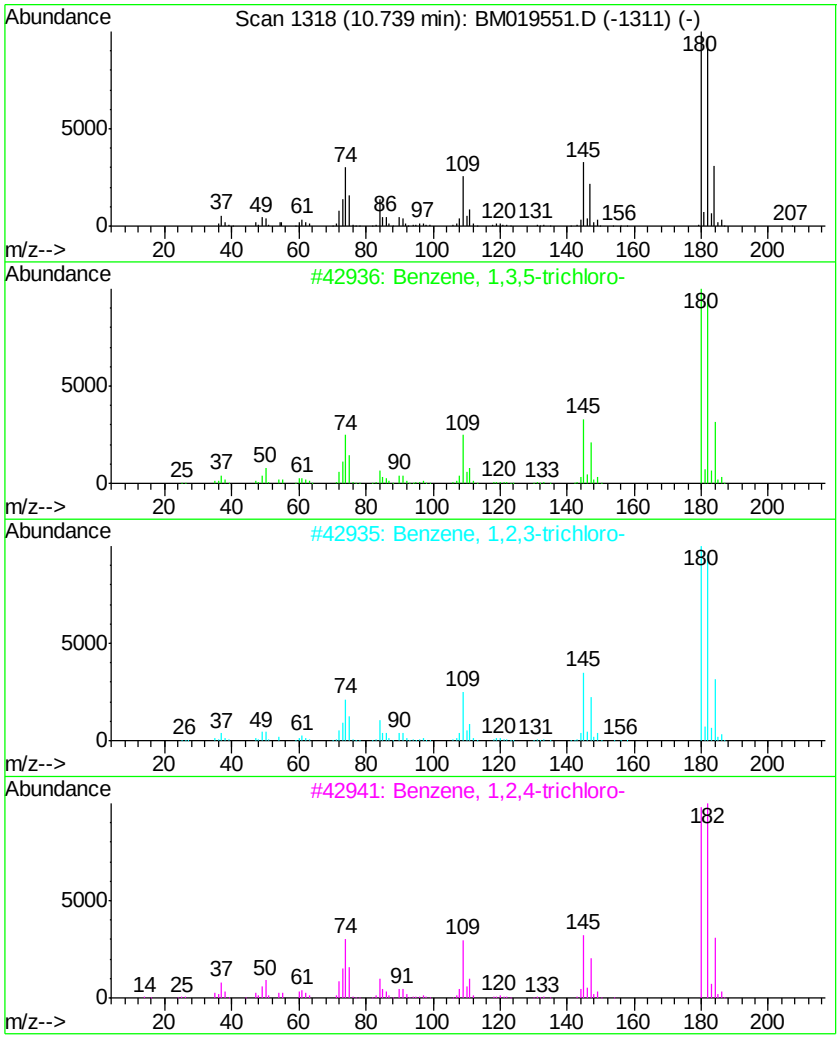
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

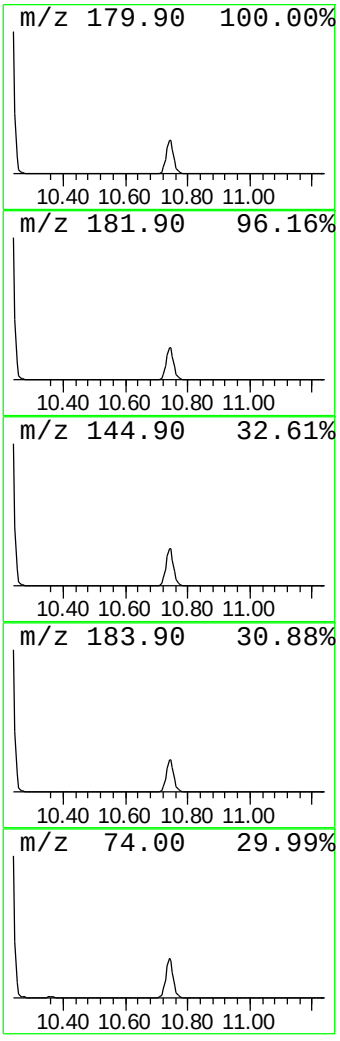
****

Peak Number 5 Benzene, 1,2,3-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	47.50 ng/ul	2689490	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97





Library Search Compound Report

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Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

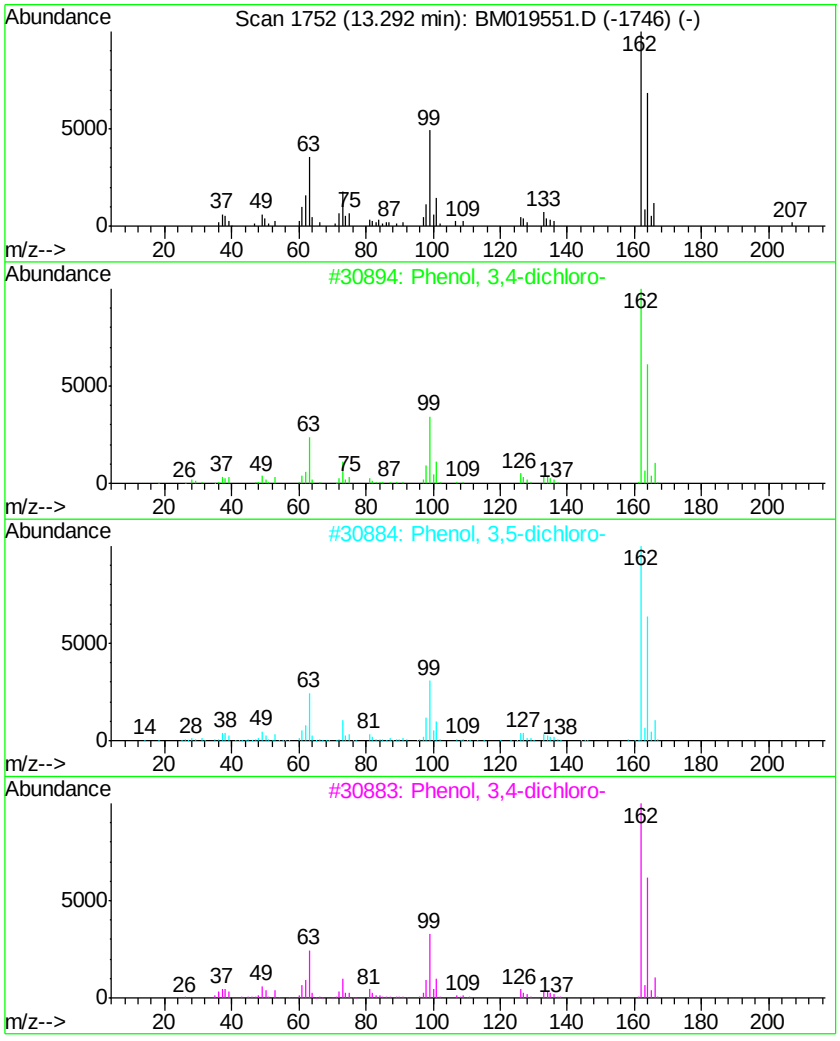
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

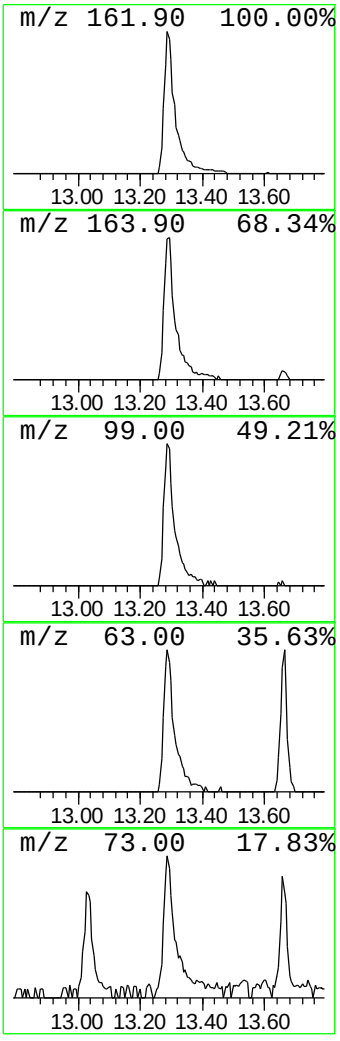
****

Peak Number 6 Phenol, 3,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.46 ng/ul	263367	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

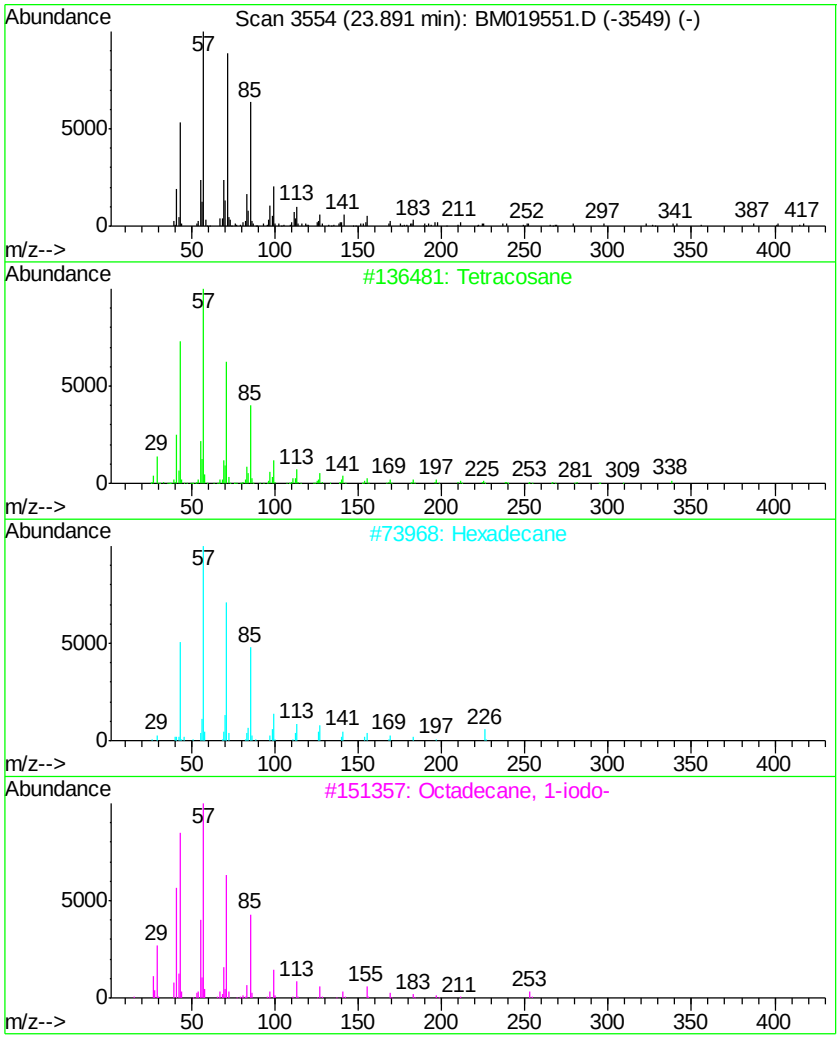
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

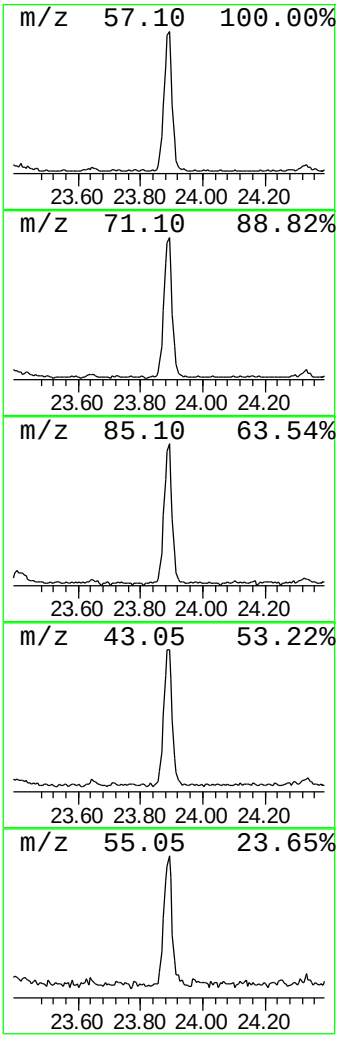
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.15 ng/ul	316852	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

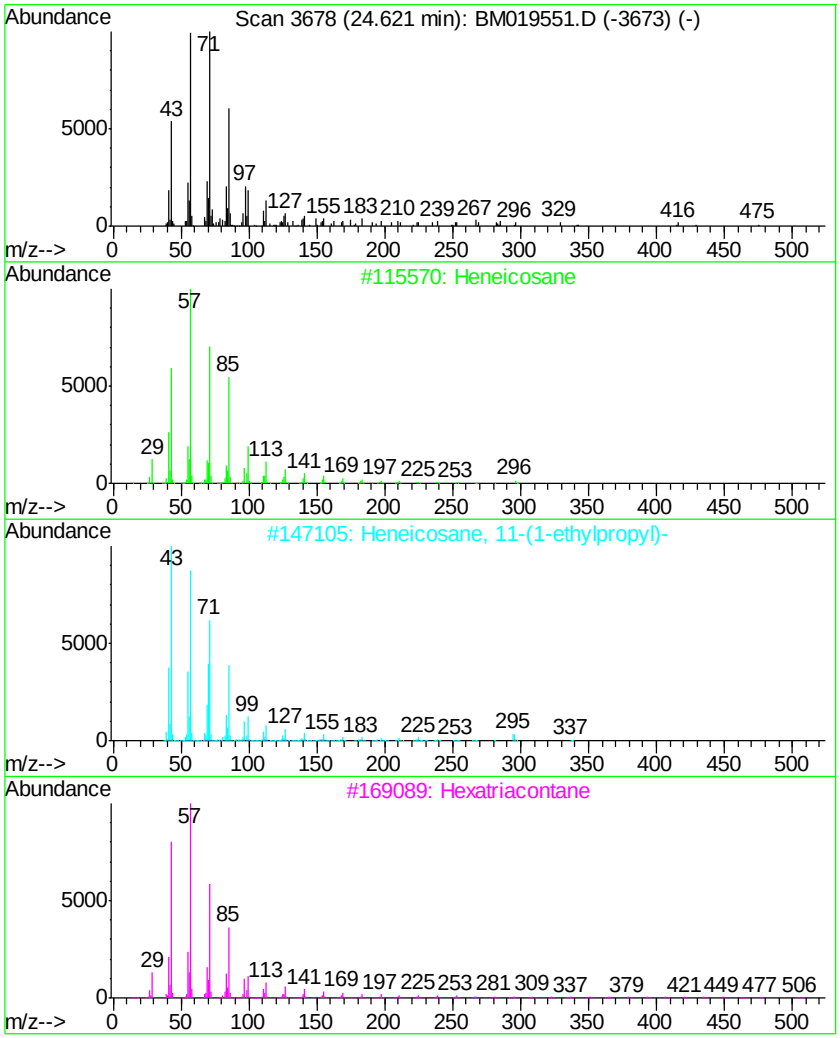
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

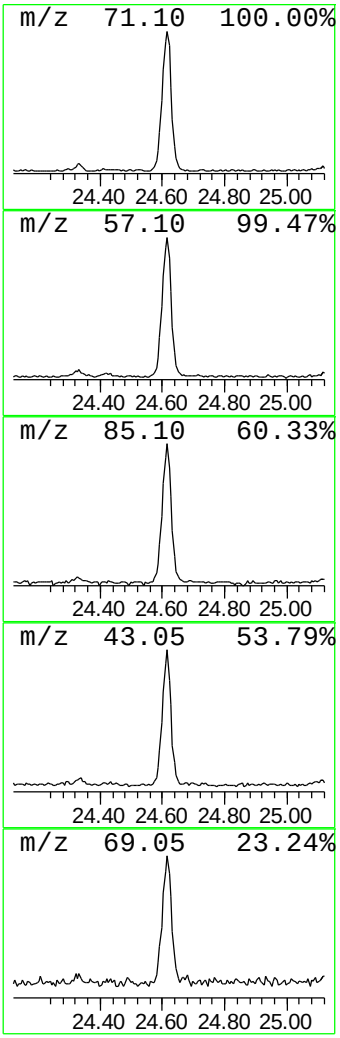
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	2.17 ng/ul	319173	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	90
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019551.D
Acq On : 28 Mar 2019 21:23
Operator : JU/SJ
Sample : K2069-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	4.93	576.7	ng/ul	17619800	1	7.58	611013	20.0
Benzene, 1,4-dich...	7.46	63.3	ng/ul	1934000	1	7.58	611013	20.0
Benzene, 1,2-dich...	7.95	2041.6	ng/ul	62371500	1	7.58	611013	20.0
Benzene, 1,3,5-tr...	10.23	290.9	ng/ul	16473000	2	10.36	1132510	20.0
Benzene, 1,2,3-tr...	10.74	47.5	ng/ul	2689490	2	10.36	1132510	20.0
Phenol, 3,4-dichl...	13.29	3.5	ng/ul	263367	3	14.24	1524080	20.0
(DEL) Alkane: Str...	23.89	2.1	ng/ul	316852	6	23.41	2941280	20.0
(DEL) Alkane: Str...	24.62	2.2	ng/ul	319173	6	23.41	2941280	20.0