LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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	3.828	138	143	155	rVB	242944	401573	0.15%	0.055%
2	5.010	323	344	348	rBV3	49382899	273111592	100.00%	37.096%
3	5.251	380	385	398	rVB	186911	355822	0.13%	0.048%
4	6.945	667	673	693	rBV	328853	602262	0.22%	0.082%
5	7.122	697	703	706	rVV	398856	654924	0.24%	0.089%
6	7.157	706	709	716	rVV	304298	494056	0.18%	0.067%
7	7.481	755	764	776	rBV	19351785	32977229	12.07%	4.479%
8	7.663	777	795	799	rBV3	48661790	139046507	50.91%	18.886%
9	7.987	834	850	855	rBV3	48877898	168720358	61.78%	22.917%
10	8.304	898	904	916	rBV	266935	486935	0.18%	0.066%
11	8.757	975	981	995	rBV	422371	742244	0.27%	0.101%
12	9.475	1096	1103	1108	rBV	351610	626351	0.23%	0.085%
13	10.004	1186	1193	1200	rBV	515129	943649	0.35%	0.128%
14	10.257	1224	1236	1241	rVV	35860706	68064348	24.92%	9.245%
15	10.292	1241	1242	1251	rVV	253246	420033	0.15%	0.057%
16	10.375	1251	1256	1261	rVV	597347	952493	0.35%	0.129%
17	10.757	1311	1321	1337	rBV	12815110	20775210	7.61%	2.822%
18	12.410	1592	1602	1618	rVB	827116	1426705	0.52%	0.194%
19	13.033	1701	1708	1721	rBV	1255514	1953468	0.72%	0.265%
20	13.669	1810	1816	1821	rBV	942068	1377338	0.50%	0.187%
21	13.939	1855	1862	1875	rBV	1183734	1674808	0.61%	0.227%
22	14.245	1908	1914	1925	rVB2	749407	1149454	0.42%	0.156%
23	15.245	2078	2084	2096	rBV	1410539	2080683	0.76%	0.283%
24	15.398	2104	2110	2122	rBV	409087	670399	0.25%	0.091%
25	17.004	2377	2383	2390	rBV2	975801	1359791	0.50%	0.185%
26	17.104	2393	2400	2416	rVV2	1594310	2332239	0.85%	0.317%
27	19.415	2787	2793	2800	rBV	2023138	2809011	1.03%	0.382%
28	20.909	3043	3047	3053	rBV	269418	326373	0.12%	0.044%
29	21.209	3093	3098	3107	rBV	1405115	1907350	0.70%	0.259%
30	22.721	3351	3355	3359	rVB	223697	314718	0.12%	0.043%
31	23.280	3443	3450	3460	rBV2	2341177	4266678	1.56%	0.580%
32	23.421	3467	3474	3483	rVB	1221802	2268315	0.83%	0.308%
33	23.897	3551	3555	3562	rVB2	270022	485326	0.18%	0.066%
34	24.621	3674	3678	3687	rVB	228039	455772	0.17%	0.062%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

Sum of corrected areas: 736234014

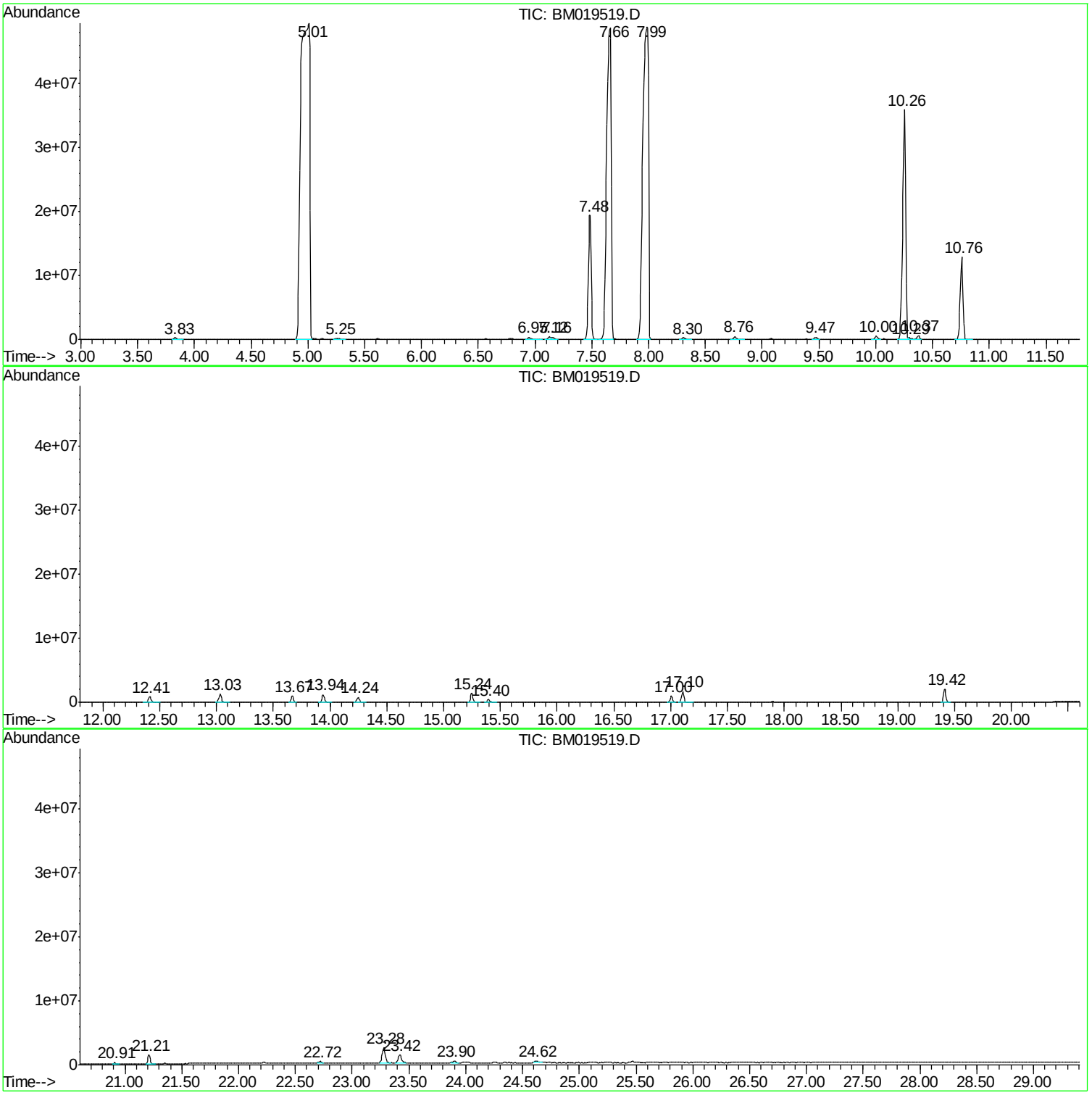
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09J6

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\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

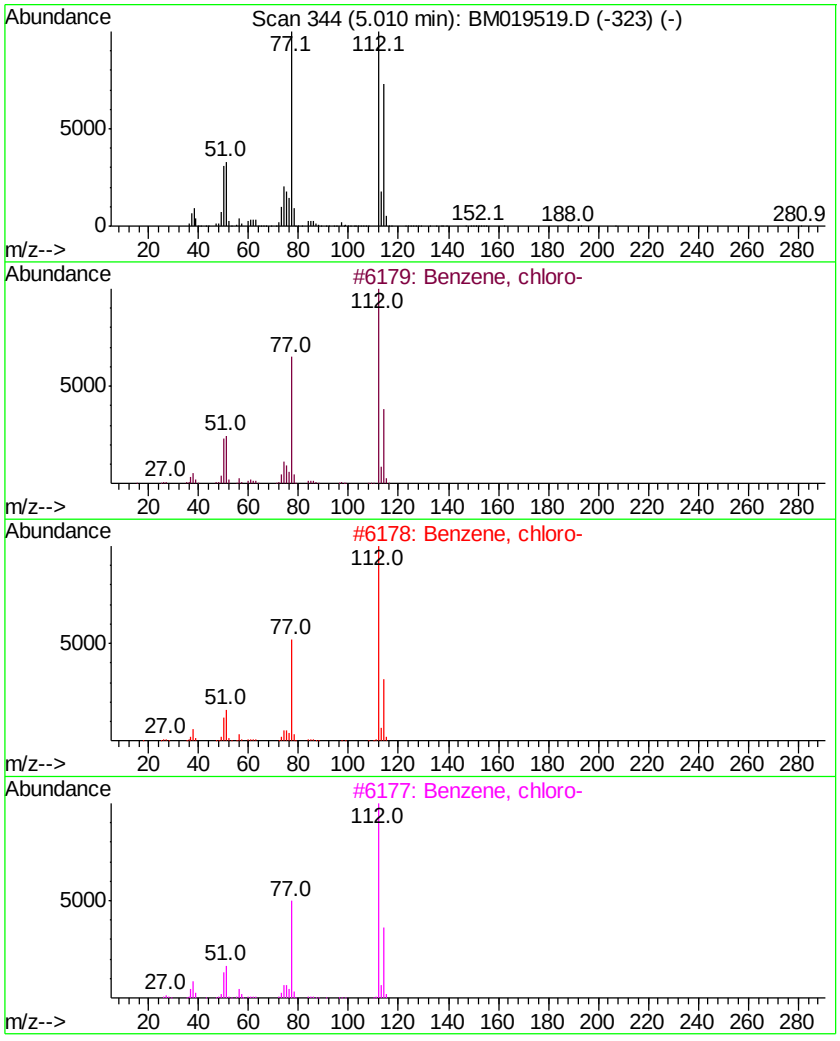
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

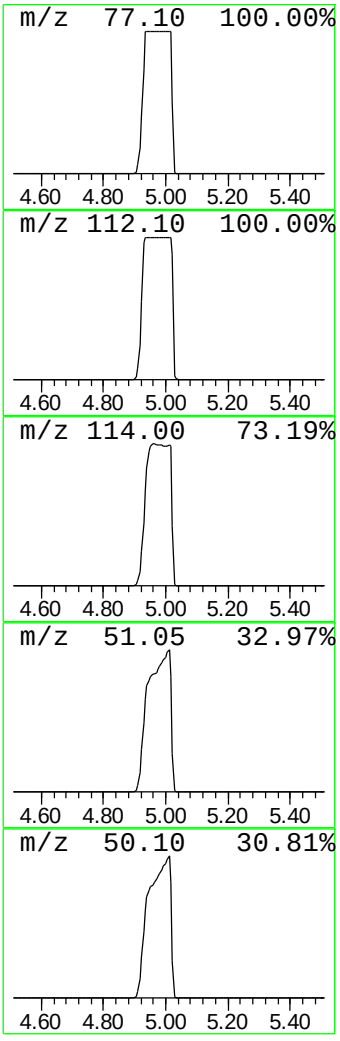
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	39.28 ng/ul	273112000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	68
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	64
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
5	2,2-Dimethyl-3(2H)-furanone	112	C6H8O2	035298-48-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

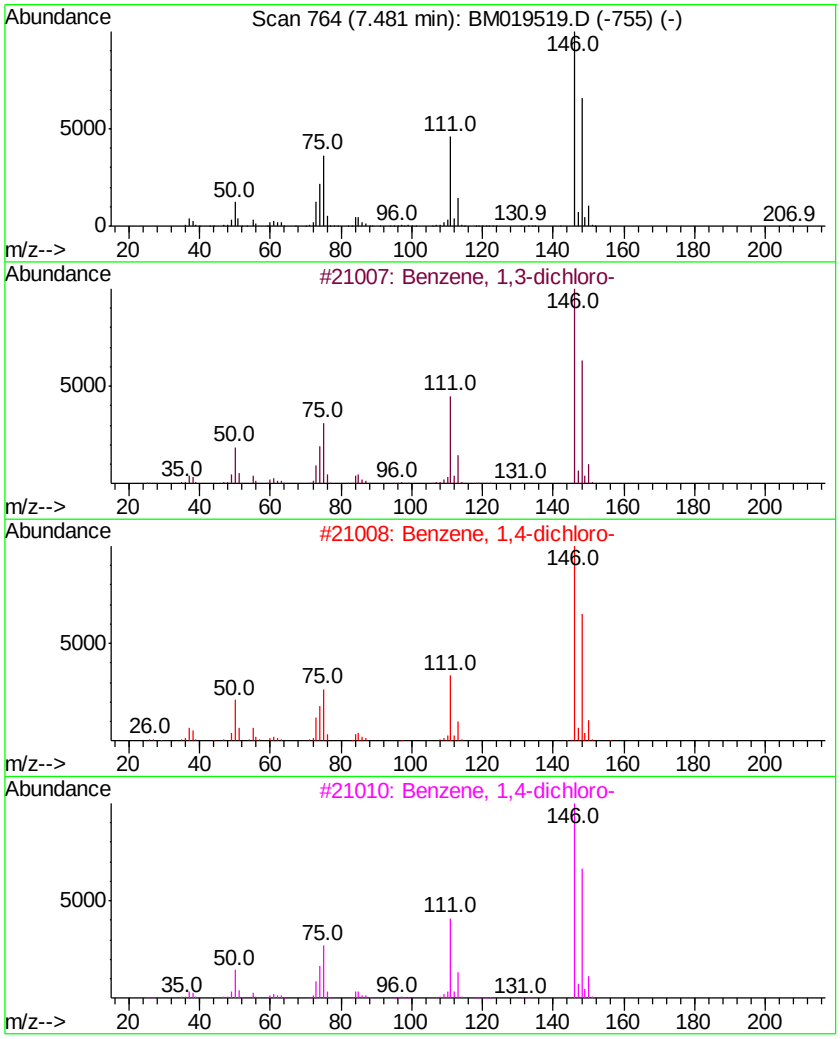
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

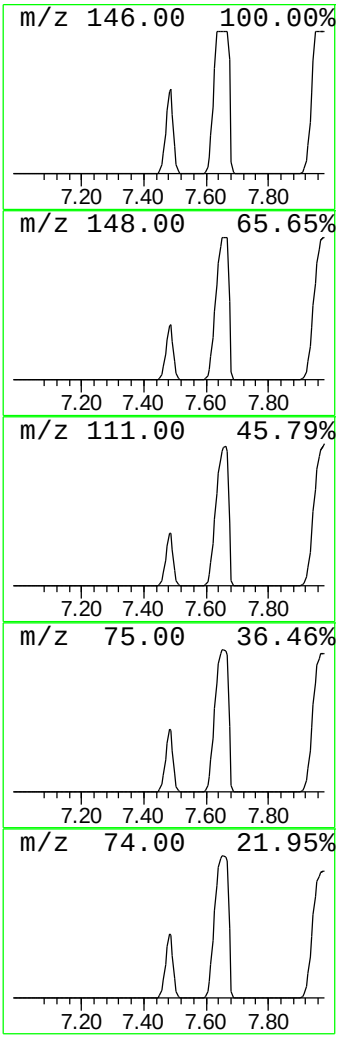
****

Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	4.74 ng/ul	32977200	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Library Search Compound Report

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Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

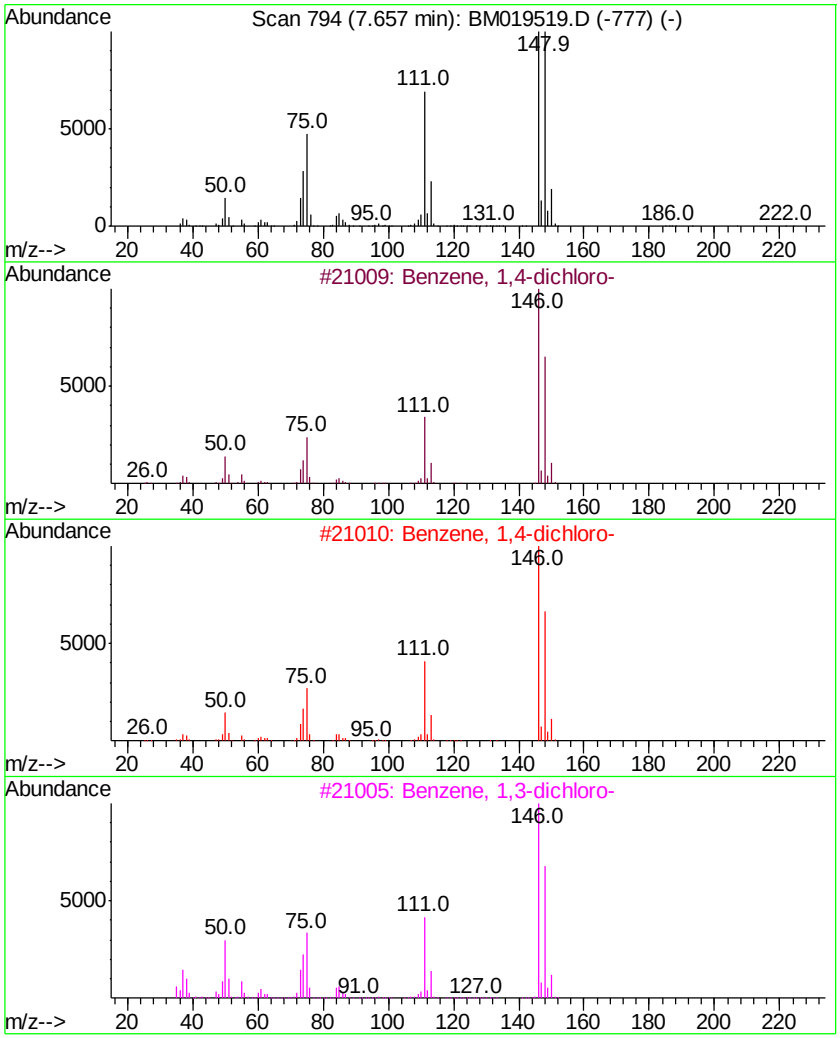
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

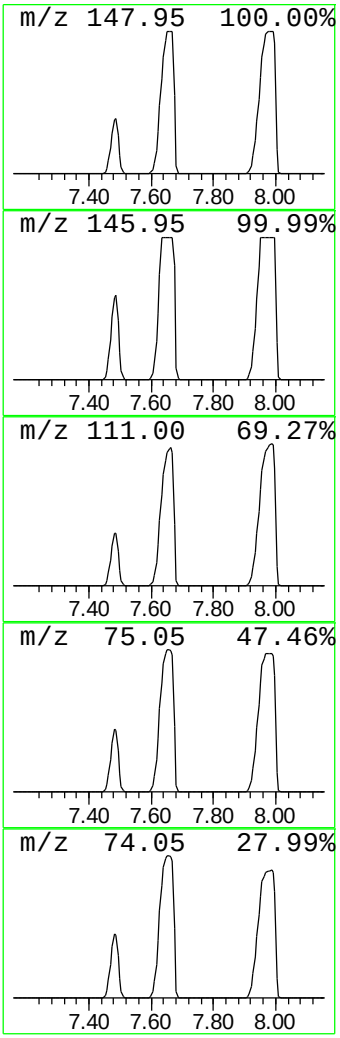
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	20.00 ng/ul	139047000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	93
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81





Library Search Compound Report

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Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

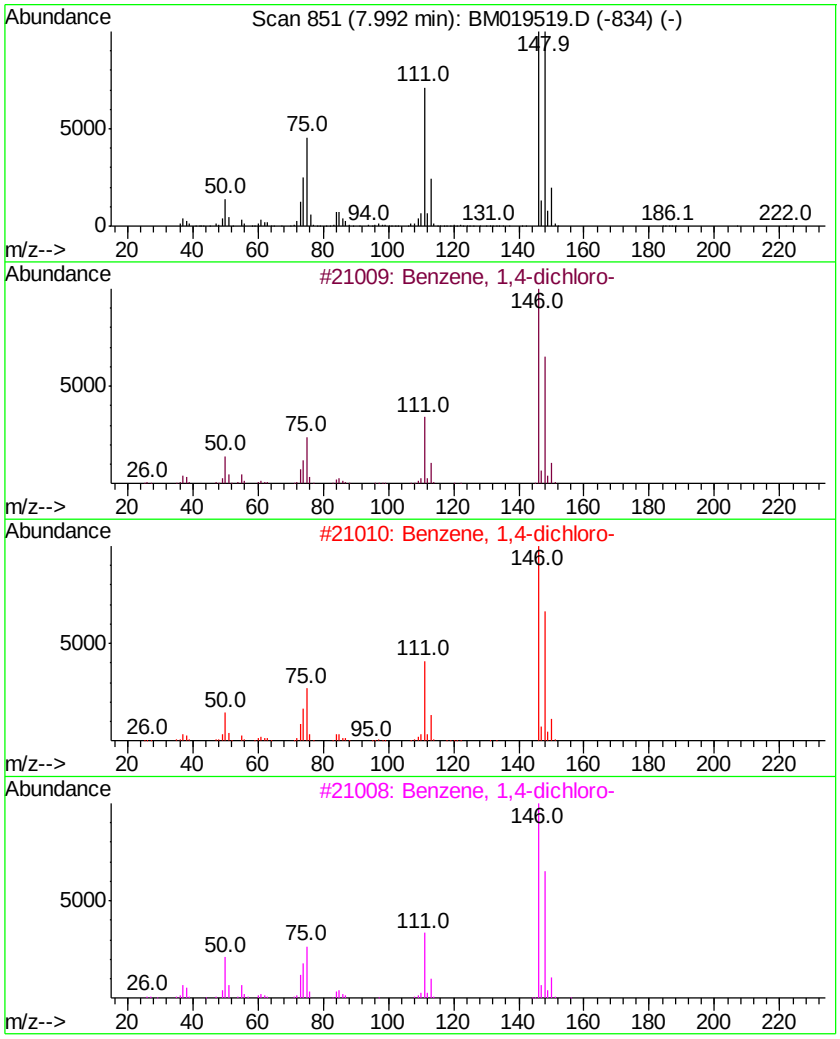
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

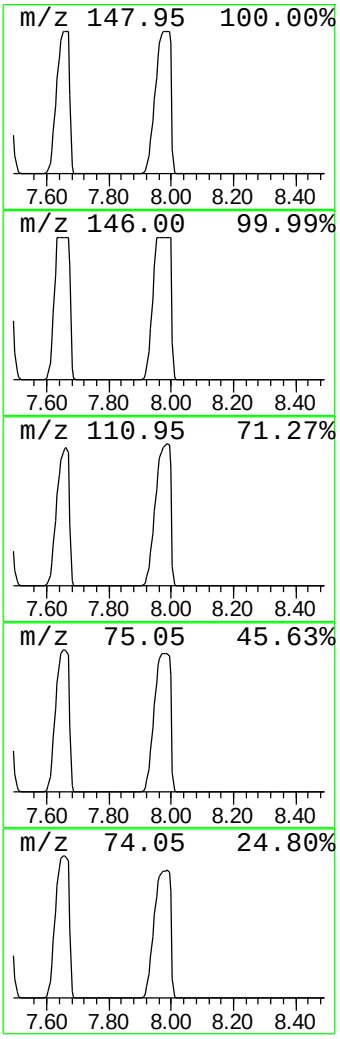
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	24.27 ng/ul	168720000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

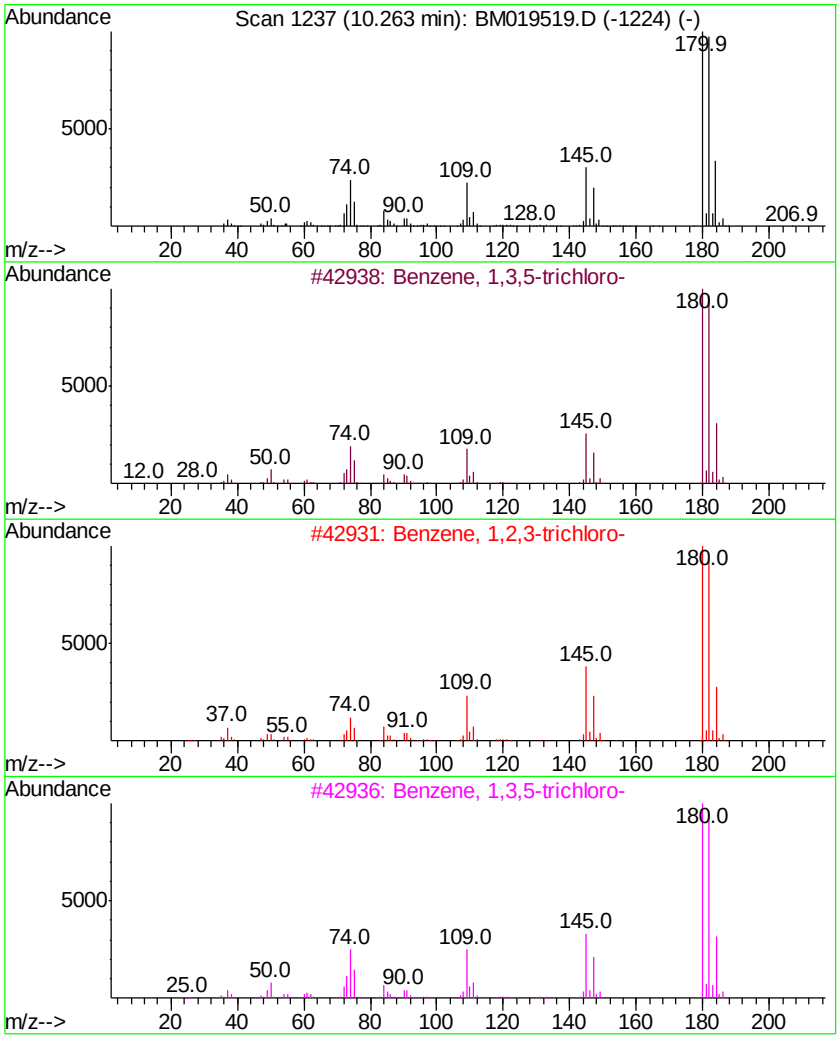
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

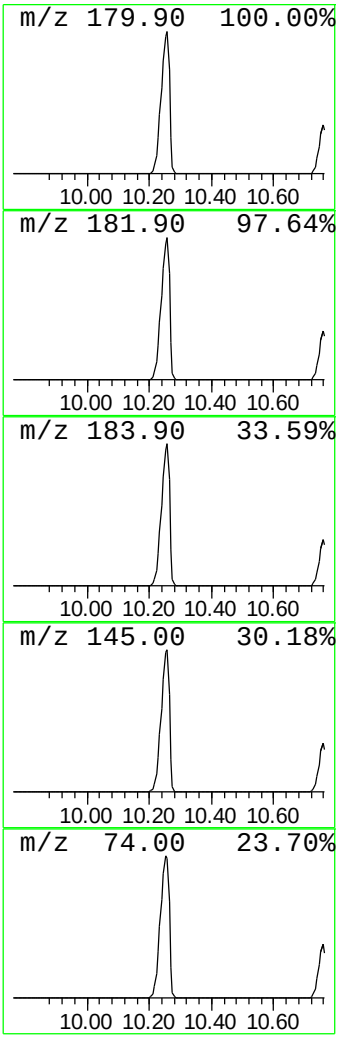
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	1429.18 ng/ul	68064300	Naphthalene-d8	10.37

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	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





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Instrument : BNA_M
ClientSampleId : C09J6

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

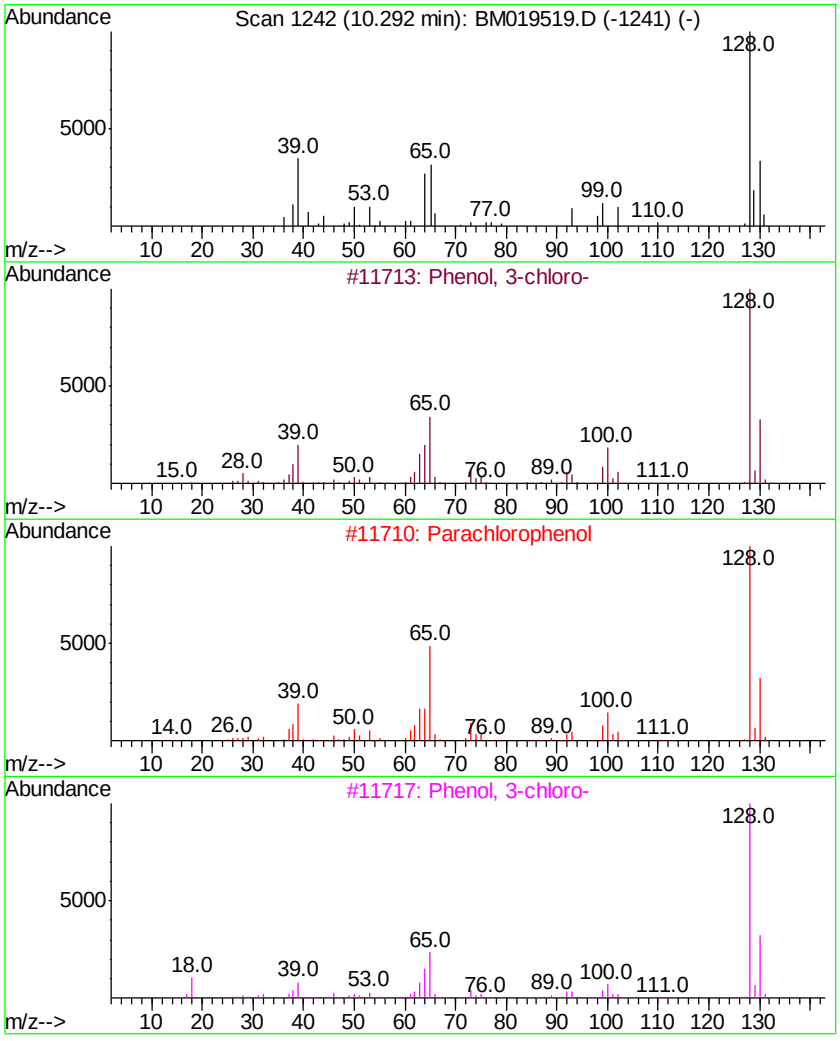
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

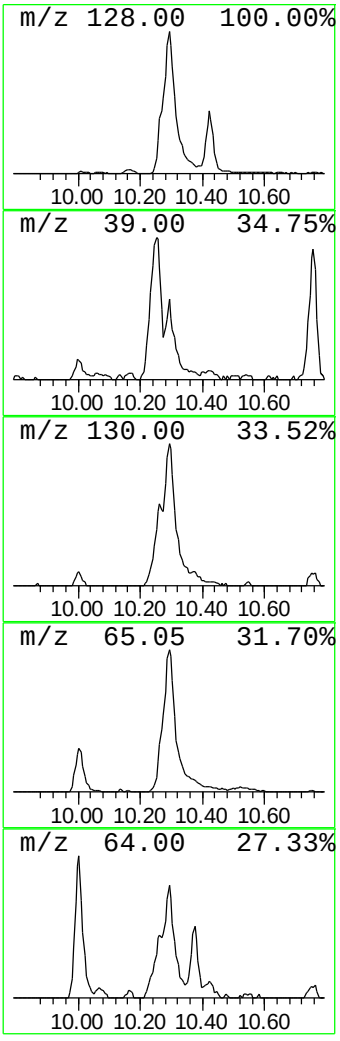
****

Peak Number 6 Phenol, 3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	8.82 ng/ul	420033	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	64
2	Parachlorophenol	128	C6H5ClO	000106-48-9	64
3	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	56
4	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	53
5	3-Amino-2-chloropyridine	128	C5H5ClN2	006298-19-7	53





Library Search Compound Report

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Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

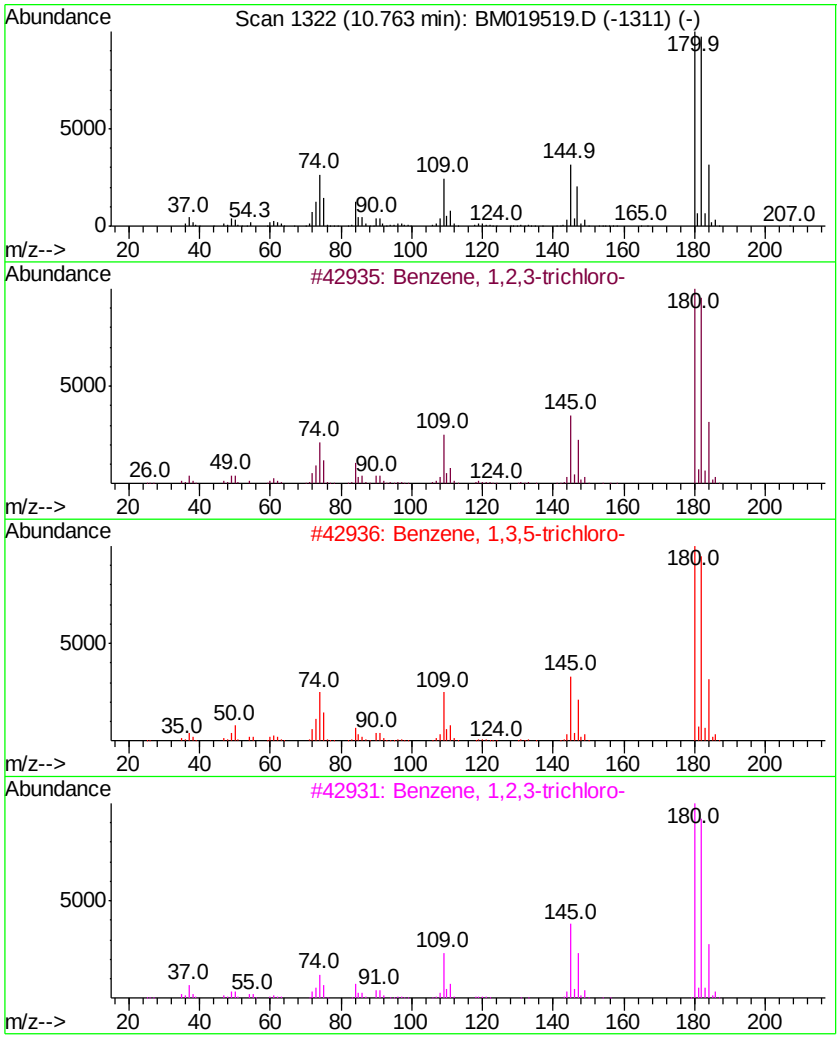
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

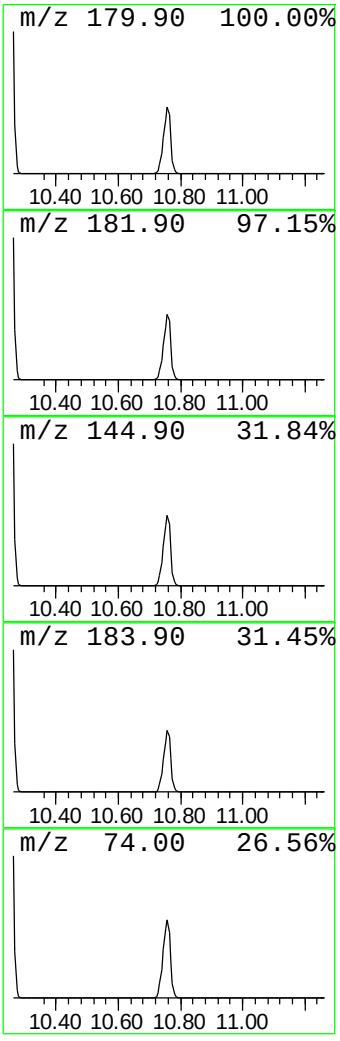
****

Peak Number 7 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	436.23 ng/ul	20775200	Naphthalene-d8	10.37

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





Library Search Compound Report

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Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

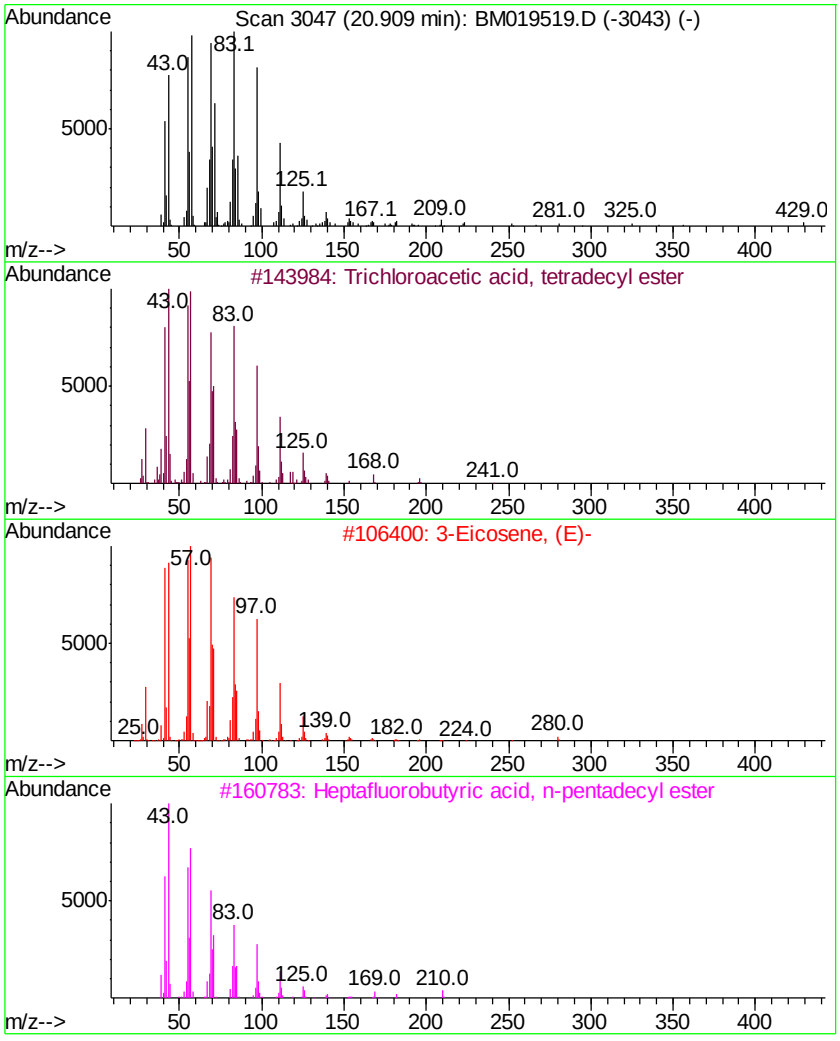
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

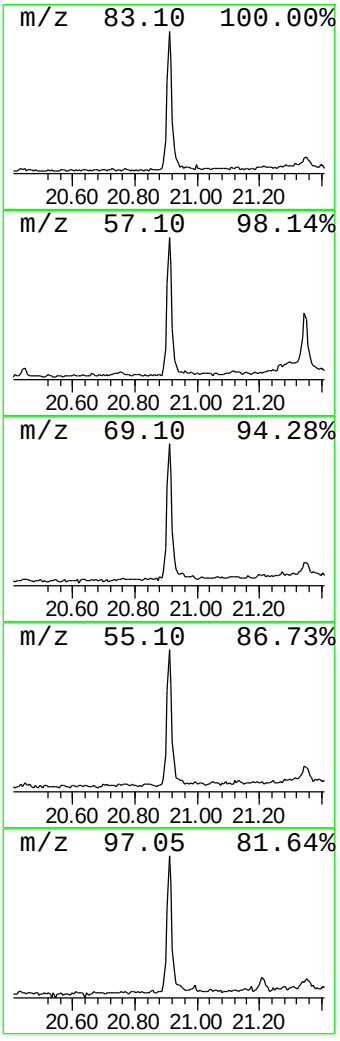
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Trichloroacetic acid, tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	3.42 ng/ul	326373	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

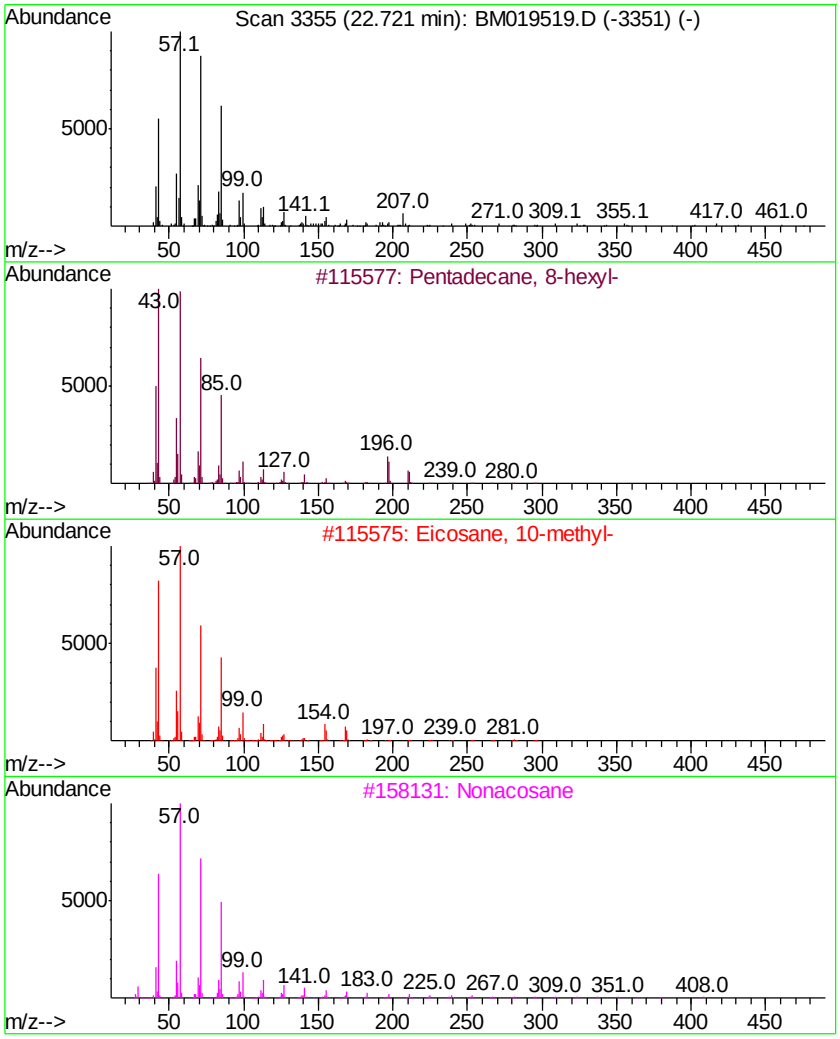
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

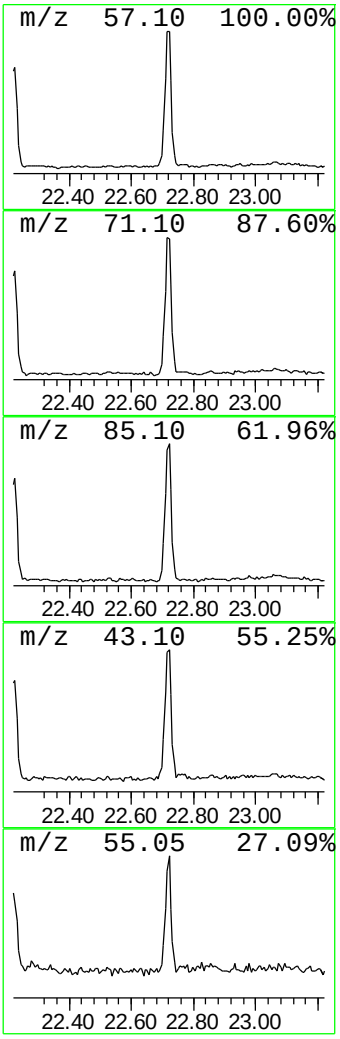
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	2.77 ng/ul	314718	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

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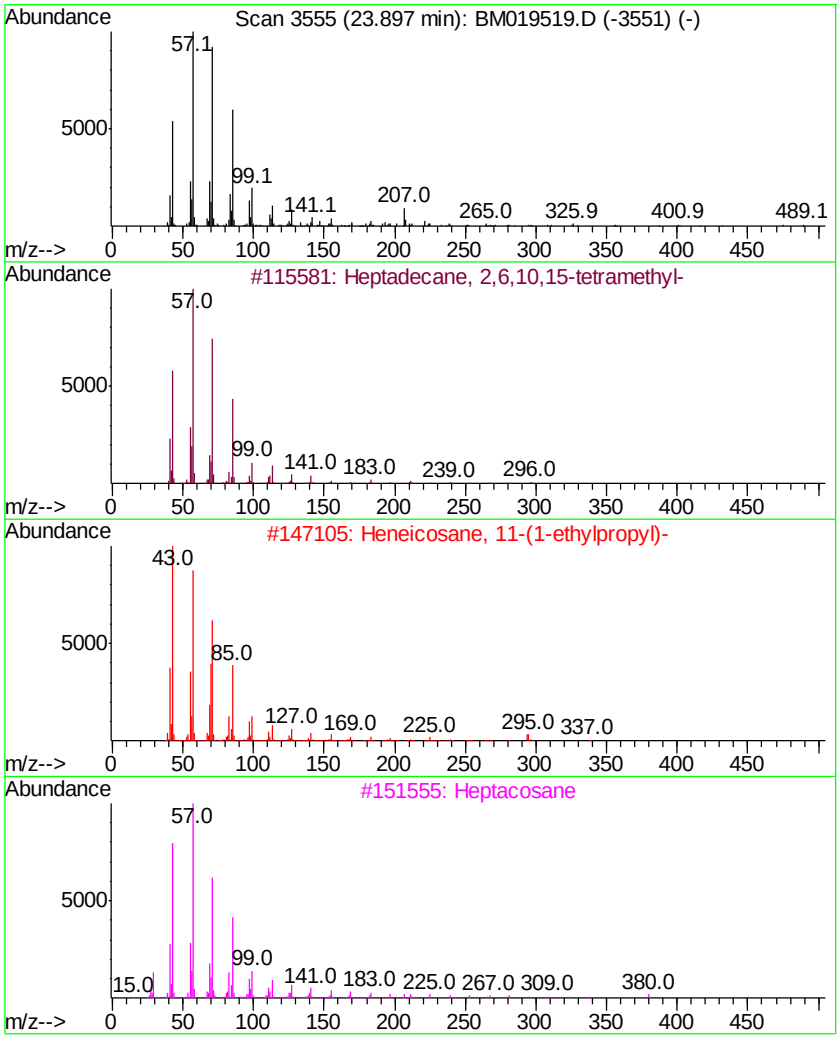
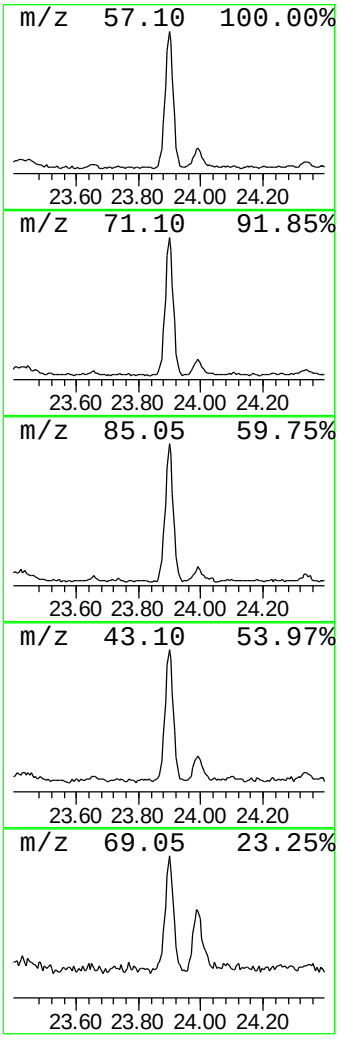
Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.28 ng/ul	485326	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Heneicosane	296	C21H44	000629-94-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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

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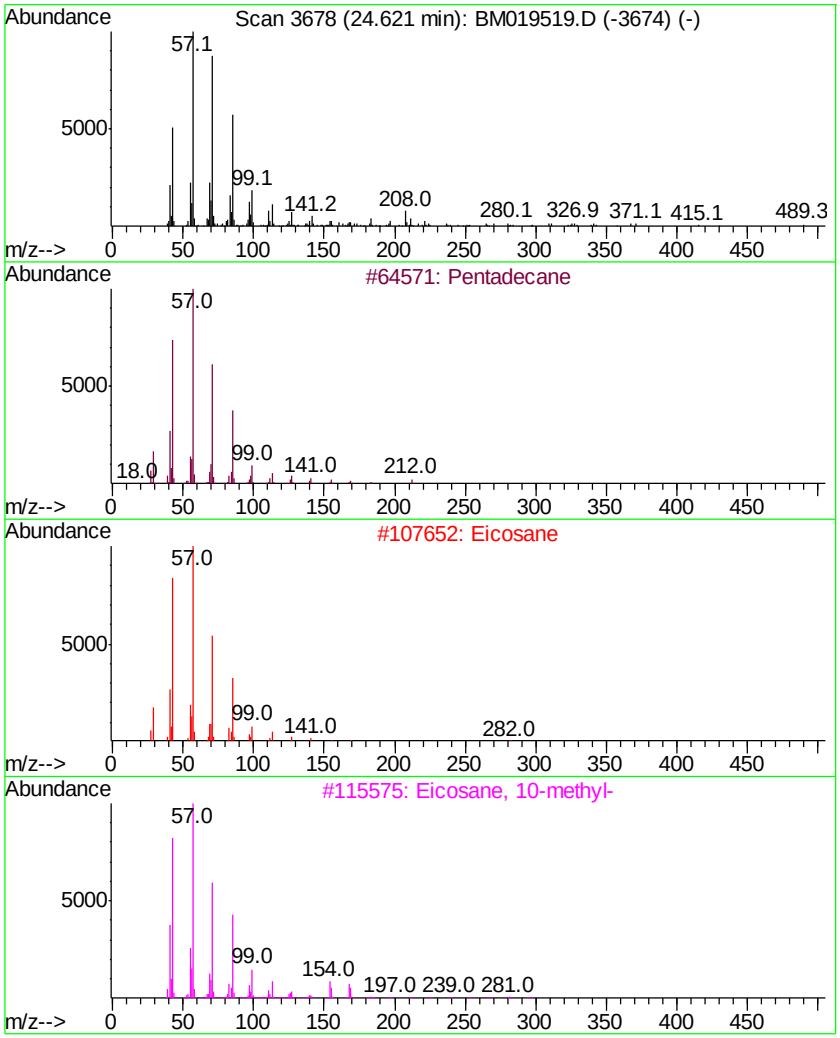
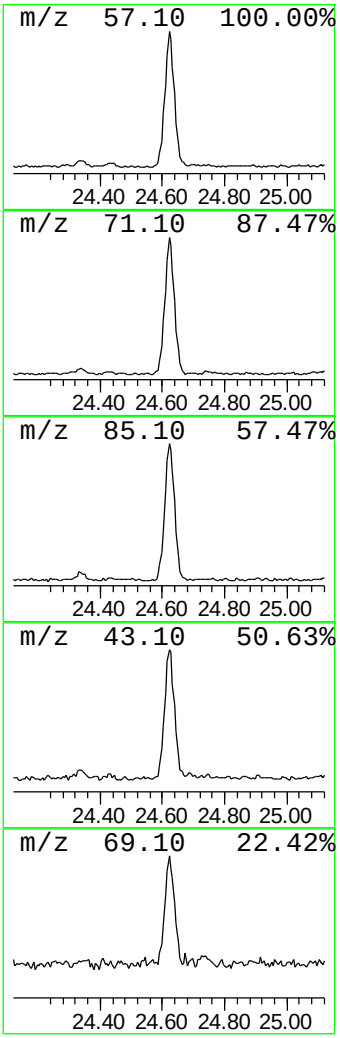
Peak Number 11 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	4.02 ng/ul	455772	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019519.D
Acq On : 27 Mar 2019 23:48
Operator : JU/SJ
Sample : K2069-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09J6

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-	5.01	39.3	ng/ul	273112000	1	7.60	139047000	20.0
Benzene, 1,3-dich...	7.48	4.7	ng/ul	32977200	1	7.60	139047000	20.0
Benzene, 1,4-dich...	7.66	20.0	ng/ul	139047000	1	7.60	139047000	20.0
Benzene, 1,2-dich...	7.99	24.3	ng/ul	168720000	1	7.60	139047000	20.0
Benzene, 1,3,5-tr...	10.26	1429.2	ng/ul	68064300	2	10.37	952493	20.0
Phenol, 3-chloro-	10.29	8.8	ng/ul	420033	2	10.37	952493	20.0
Benzene, 1,2,3-tr...	10.76	436.2	ng/ul	20775200	2	10.37	952493	20.0
Trichloroacetic a...	20.91	3.4	ng/ul	326373	5	21.21	1907350	20.0
(DEL) Alkane: Str...	22.72	2.8	ng/ul	314718	6	23.42	2268320	20.0
Heptadecane, 2,6,...	23.90	4.3	ng/ul	485326	6	23.42	2268320	20.0
Pentadecane	24.62	4.0	ng/ul	455772	6	23.42	2268320	20.0