LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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	4.957	323	335	340	rBV3	47492863	138791002	100.00%	30.223%
2	6.775	639	644	656	rVB	87535	159976	0.12%	0.035%
3	6.946	667	673	689	rBV	317199	567236	0.41%	0.124%
4	7.122	697	703	718	rVB	378835	625362	0.45%	0.136%
5	7.310	729	735	743	rVB	128218	207150	0.15%	0.045%
6	7.475	755	763	776	rBV	6751190	10946342	7.89%	2.384%
7	7.657	776	794	799	rBV4	48567007	138447250	99.75%	30.148%
8	7.969	833	847	851	rBV2	45741094	105925106	76.32%	23.066%
9	8.304	898	904	921	rBV	247768	455394	0.33%	0.099%
10	8.757	974	981	984	rBV	430080	716569	0.52%	0.156%
11	8.798	984	988	1003	rVB	672869	1183382	0.85%	0.258%
12	9.469	1095	1102	1113	rBV	350499	633034	0.46%	0.138%
13	9.998	1186	1192	1211	rBV	423799	884780	0.64%	0.193%
14	10.239	1223	1233	1245	rBV	18079608	29966670	21.59%	6.525%
15	10.369	1249	1255	1261	rVV	528610	823225	0.59%	0.179%
16	10.751	1311	1320	1329	rBV	1279553	2177771	1.57%	0.474%
17	10.998	1356	1362	1375	rBV	139588	304152	0.22%	0.066%
18	12.410	1592	1602	1614	rBV	594175	1043542	0.75%	0.227%
19	13.033	1701	1708	1723	rBV2	963096	1821898	1.31%	0.397%
20	13.269	1742	1748	1754	rBV	114346	169585	0.12%	0.037%
21	13.669	1810	1816	1823	rBV	1003323	1435276	1.03%	0.313%
22	13.939	1856	1862	1871	rBV	1186149	1728777	1.25%	0.376%
23	14.245	1907	1914	1925	rBV2	692433	1117784	0.81%	0.243%
24	15.251	2078	2085	2101	rBV	1363962	2113754	1.52%	0.460%
25	15.398	2104	2110	2122	rBV	404209	671343	0.48%	0.146%
26	17.004	2377	2383	2394	rBV2	885183	1274351	0.92%	0.277%
27	17.104	2394	2400	2419	rVB2	1564534	2410524	1.74%	0.525%
28	19.409	2787	2792	2804	rBV	2045587	2883701	2.08%	0.628%
29	21.215	3093	3099	3104	rBV	1267901	1741080	1.25%	0.379%
30	22.227	3267	3271	3277	rVB	197307	248574	0.18%	0.054%
31	22.721	3351	3355	3361	rVB	254835	351135	0.25%	0.076%
32	23.280	3443	3450	3458	rBV2	2300051	4326118	3.12%	0.942%
33	23.421	3468	3474	3488	rVB	1167568	2147252	1.55%	0.468%
34	23.897	3550	3555	3563	rVB	267391	500090	0.36%	0.109%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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	24.627	3674	3679	3686	rVB	207342	426945	0.31%	0.093%

Sum of corrected areas: 459226130

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
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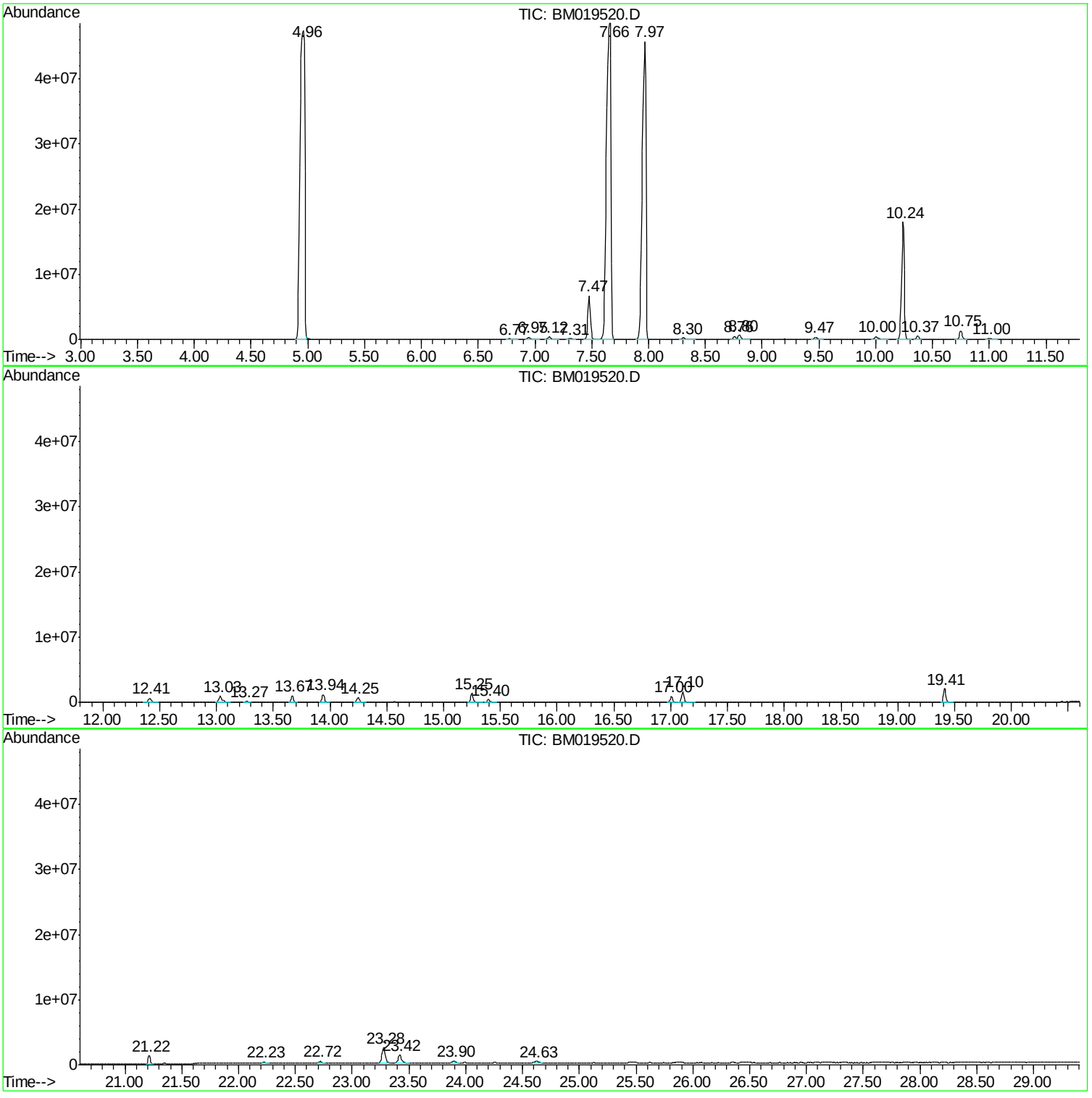
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09D4

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

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Data File : BM019520.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

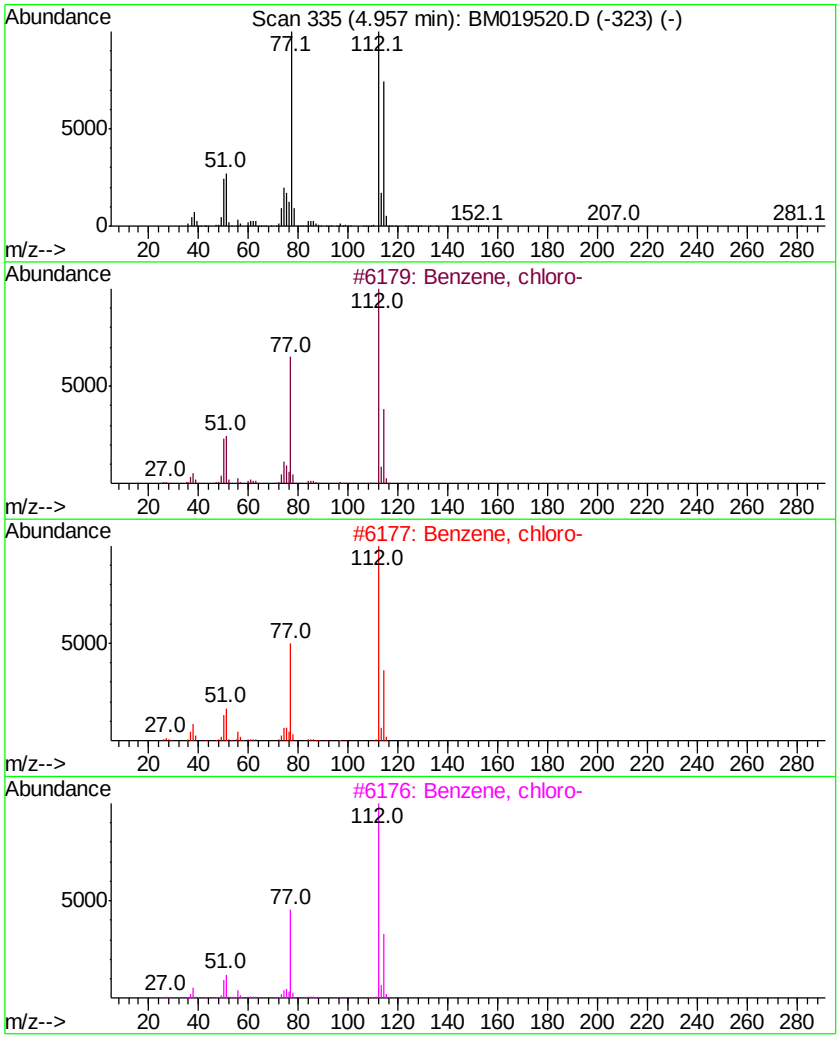
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

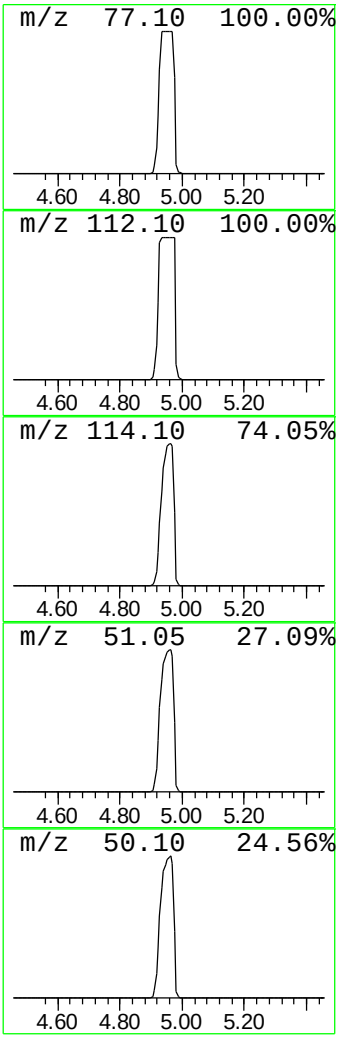
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	20.05 ng/ul	138791000	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	64
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	10





Library Search Compound Report

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Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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

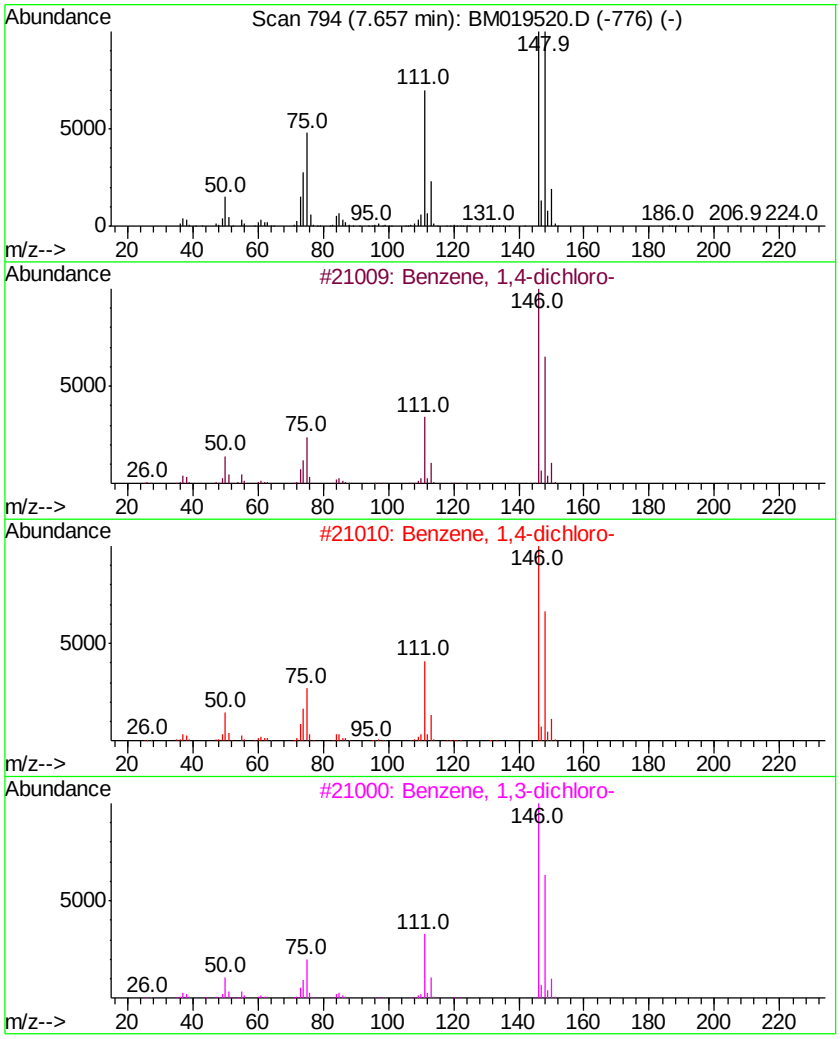
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

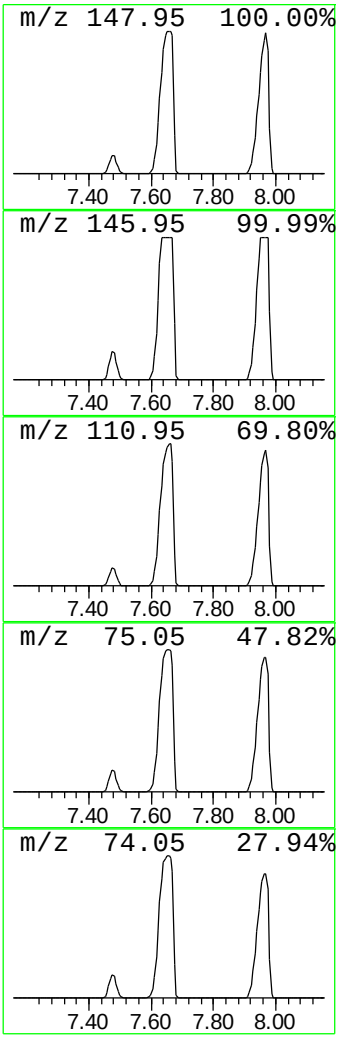
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	20.00 ng/ul	138447000	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	87
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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

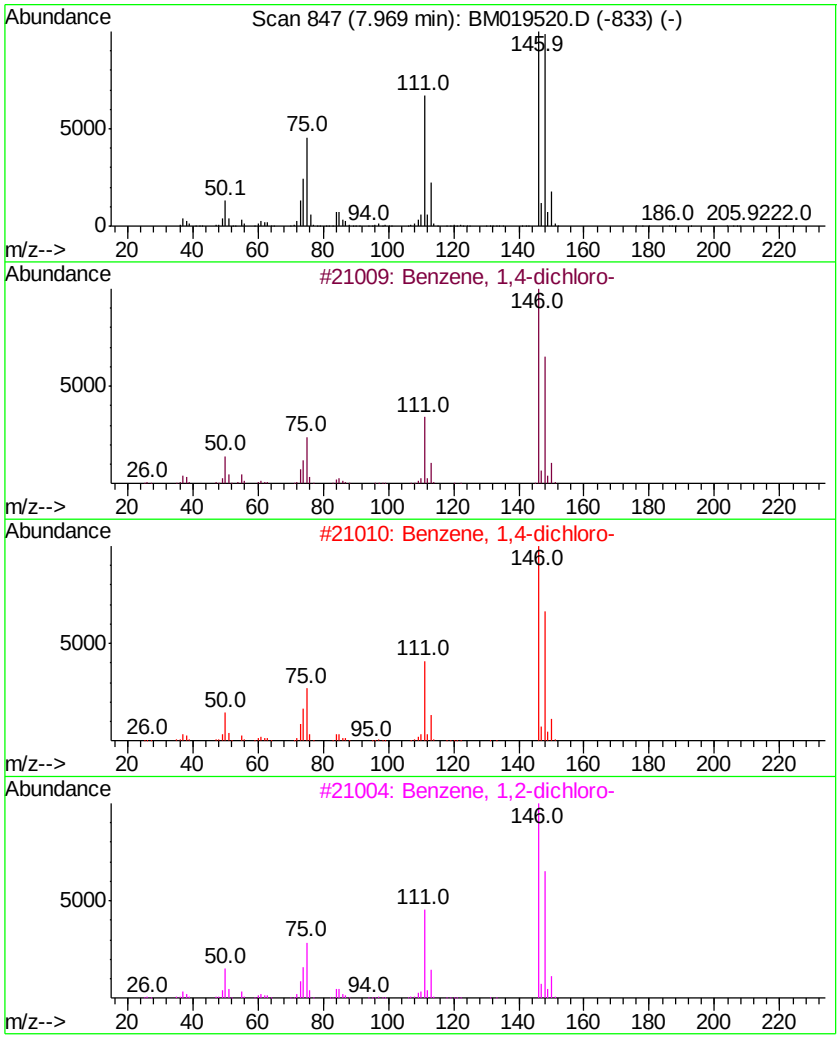
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

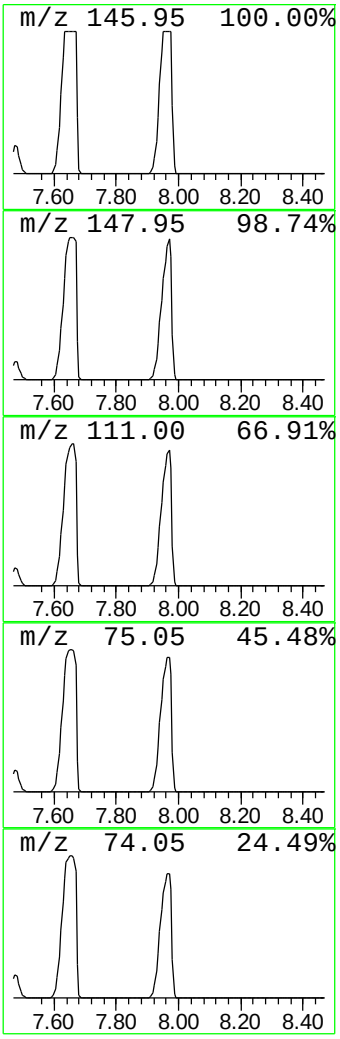
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	15.30 ng/ul	105925000	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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	90
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	87
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	87





Library Search Compound Report

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Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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

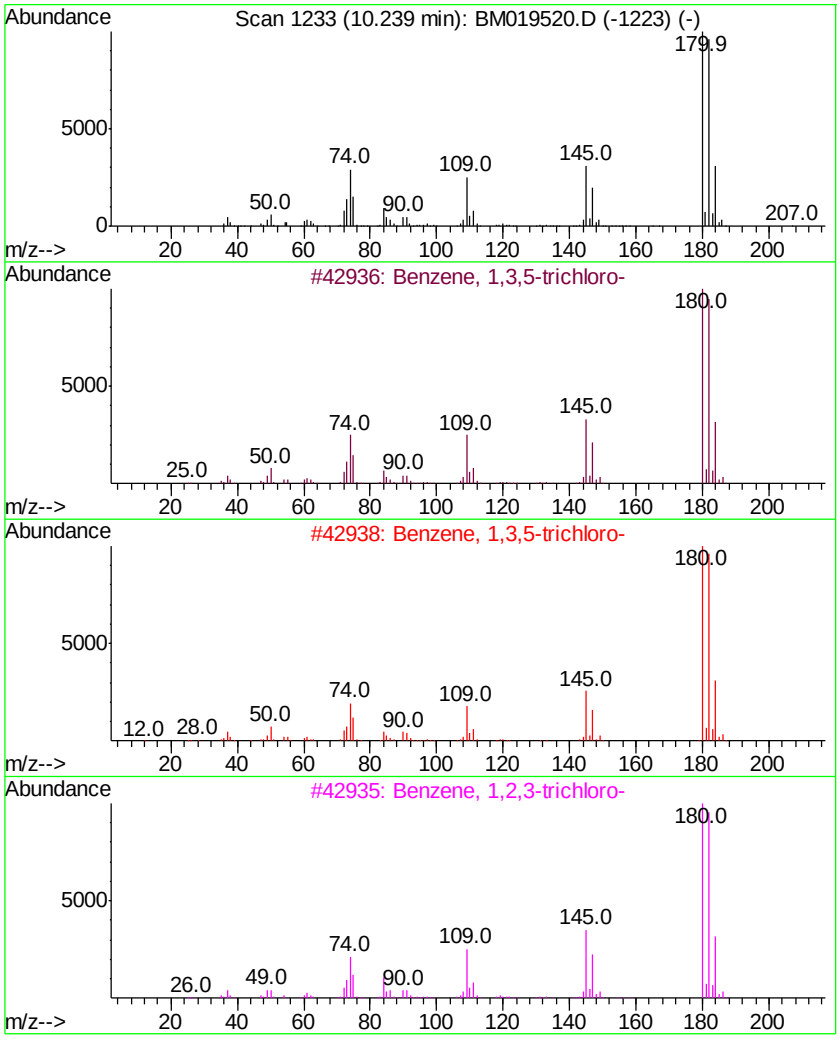
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

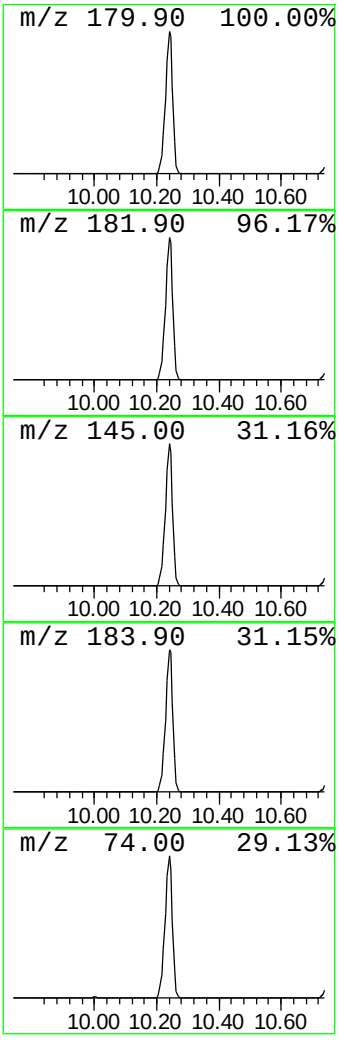
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	728.03 ng/ul	29966700	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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





Library Search Compound Report

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Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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

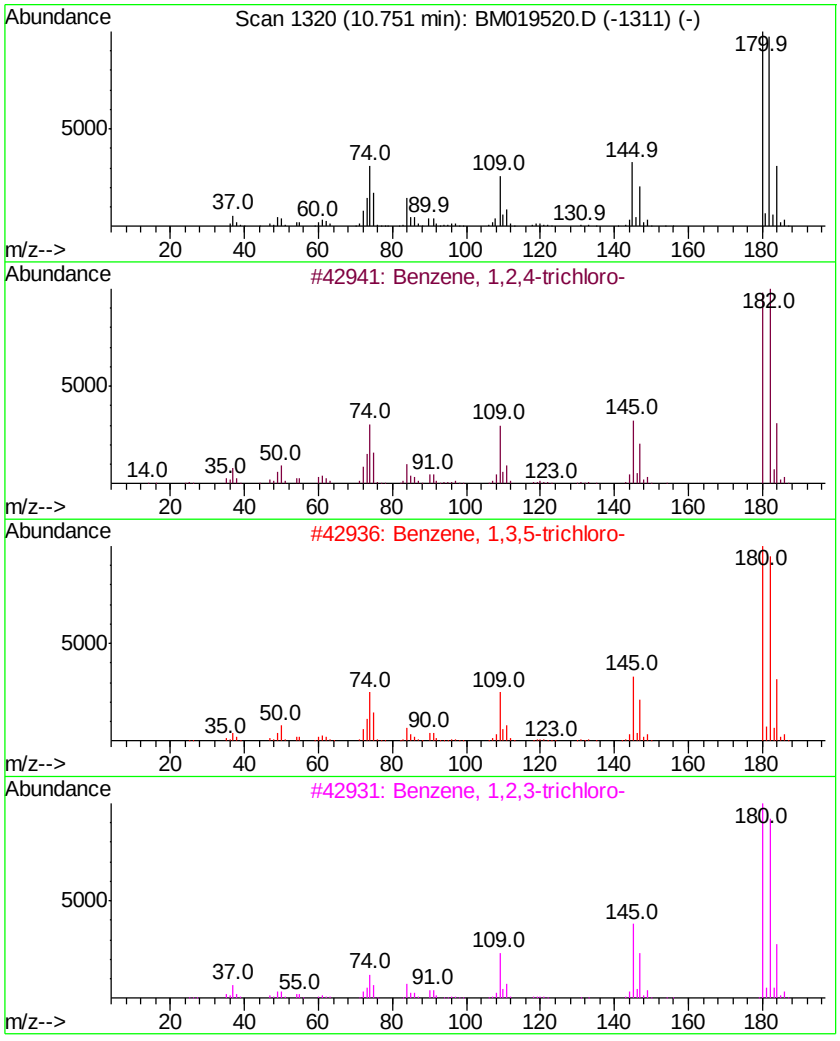
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

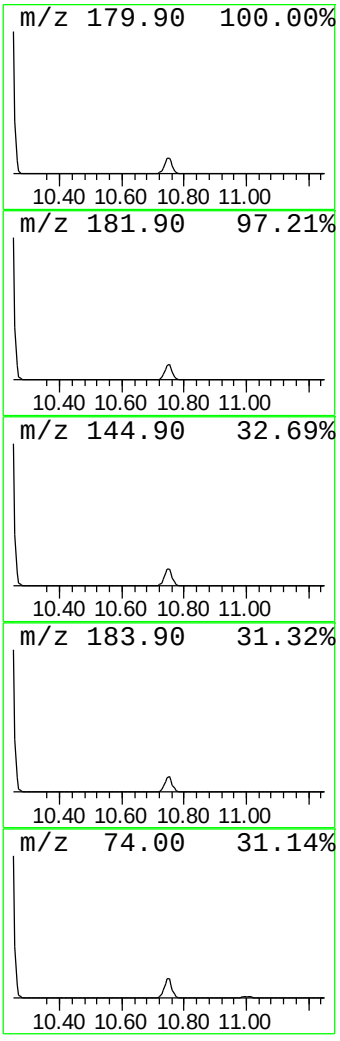
****

Peak Number 5 Benzene, 1,2,4-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	52.91 ng/ul	2177770	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





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Instrument : BNA_M
ClientSampleId : C09D4

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

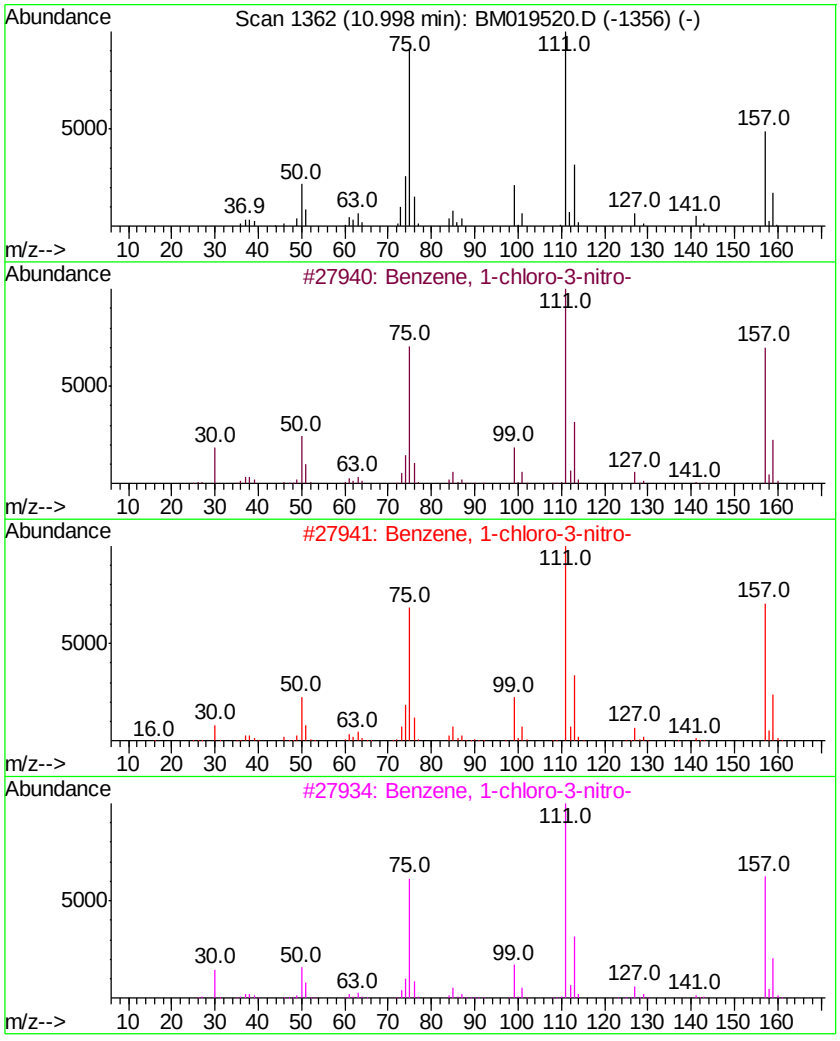
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

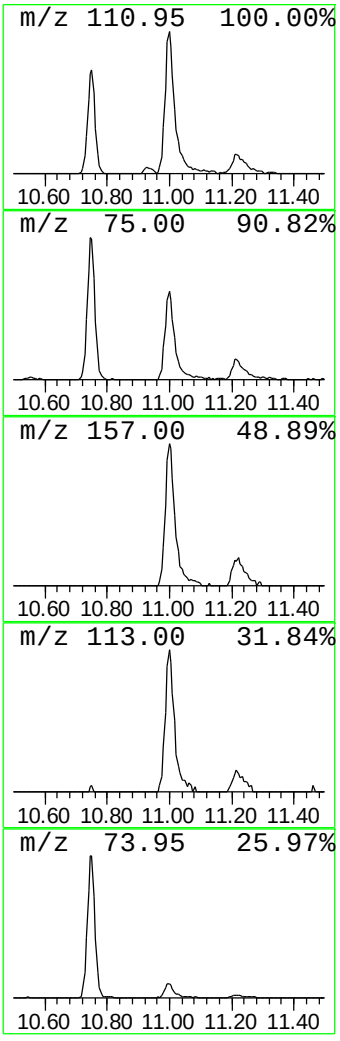
****

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	7.39 ng/ul	304152	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	83





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Misc :
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Instrument : BNA_M
ClientSampleId : C09D4

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

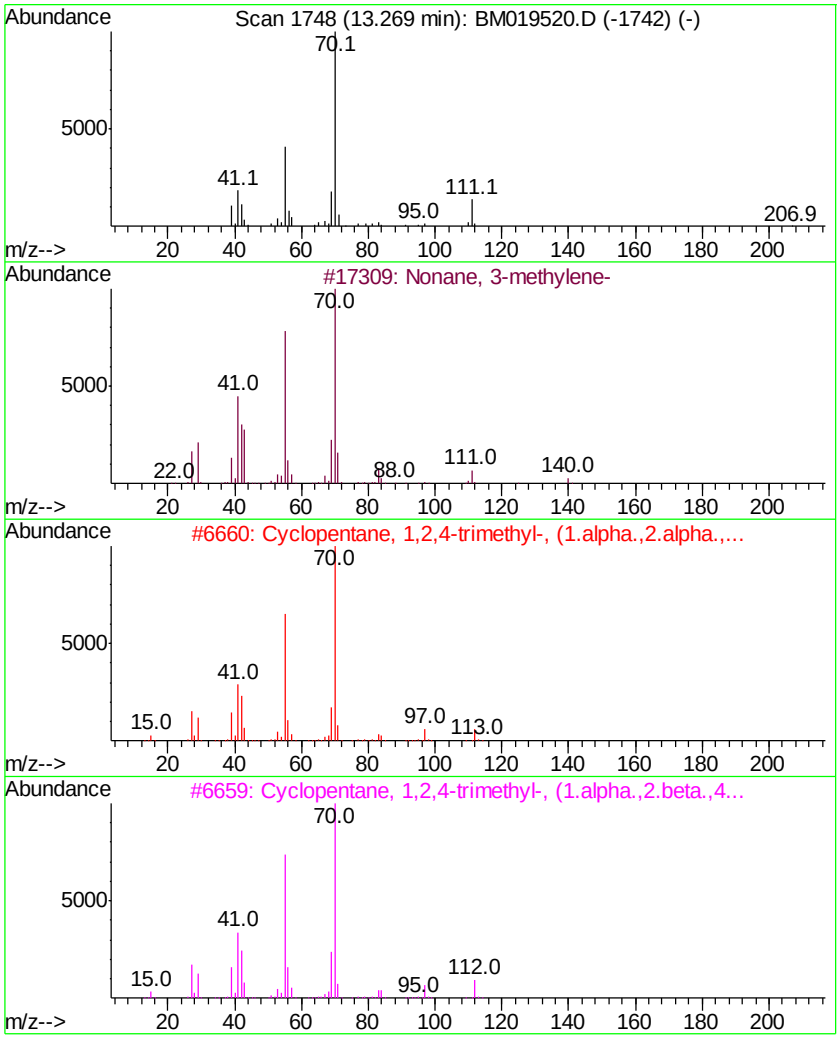
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

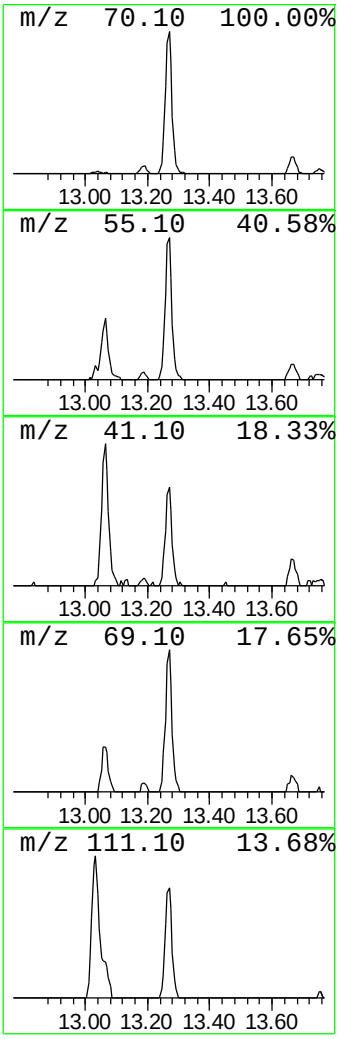
****

Peak Number 7 (DEL) Alkane: Cyclic13.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.03 ng/ul	169585	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methylene-	140	C10H20	051655-64-2	78
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	50
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	50
5	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	42





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Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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

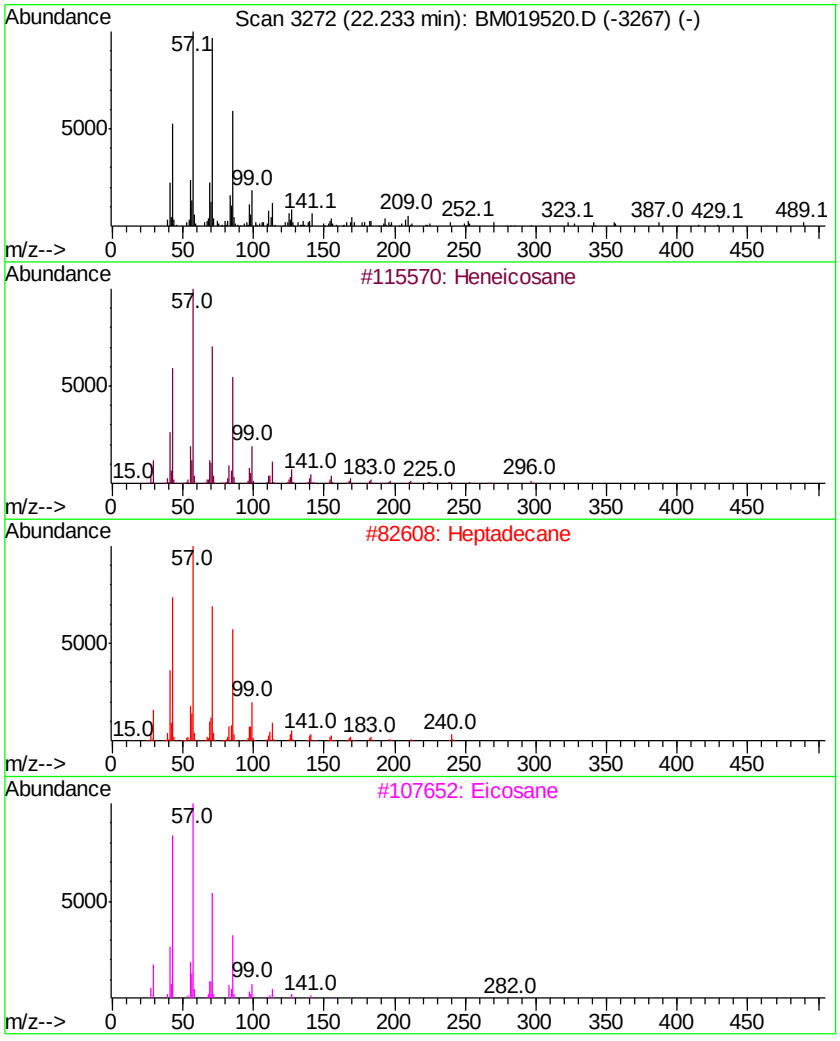
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

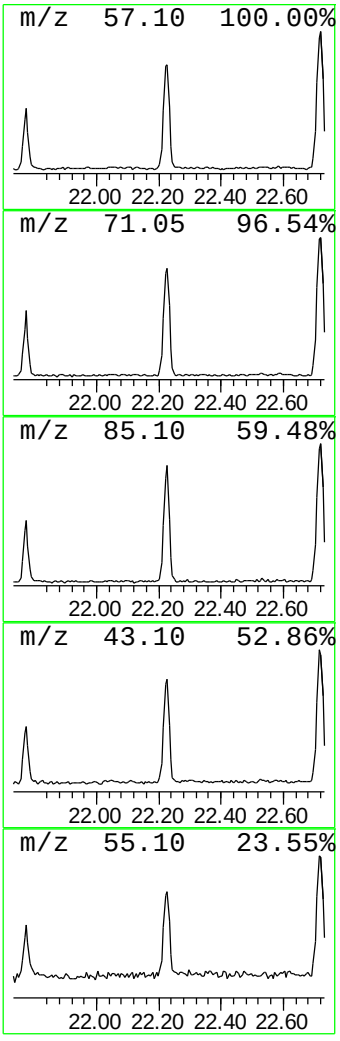
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	2.86 ng/ul	248574	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Library Search Compound Report

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Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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

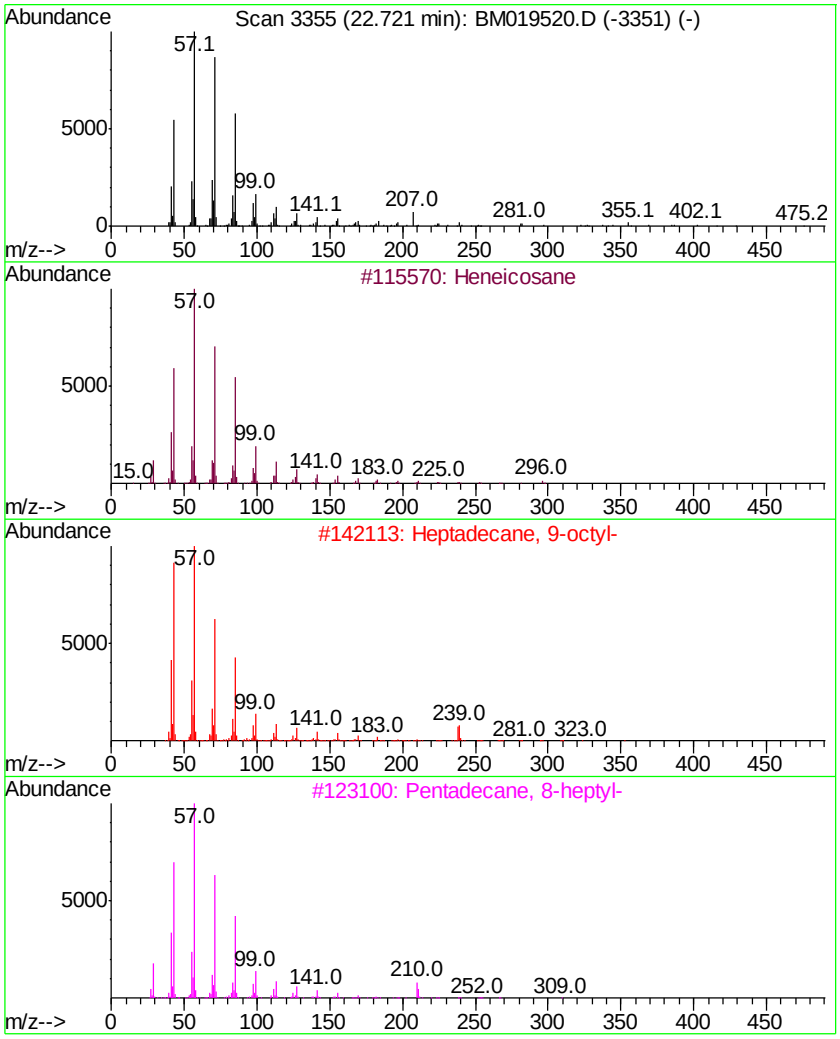
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

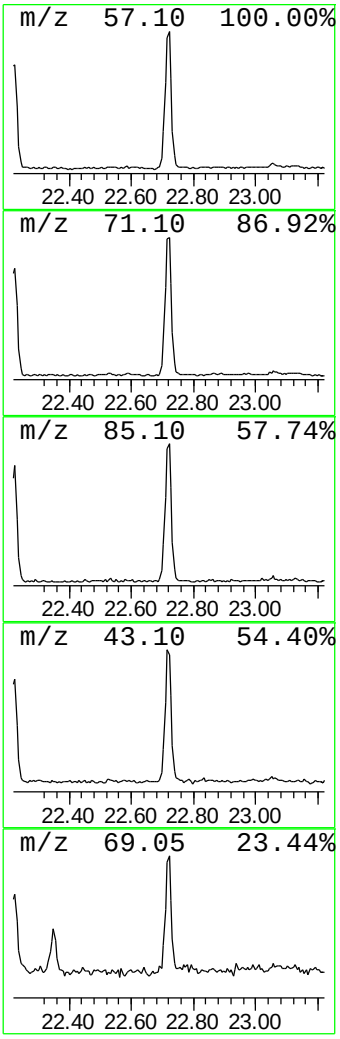
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	3.27 ng/ul	351135	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

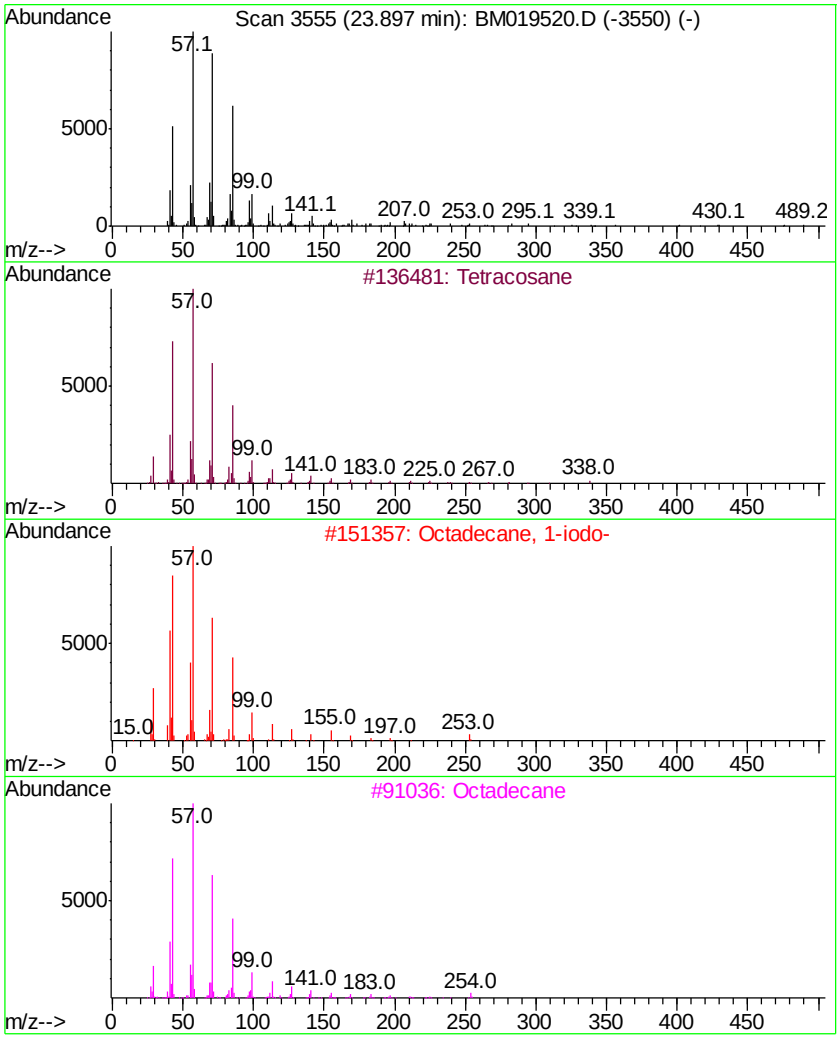
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

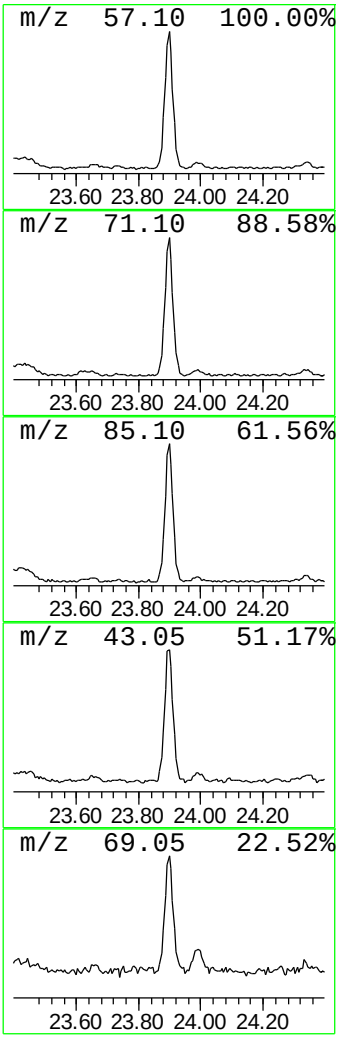
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.66 ng/ul	500090	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Octadecane	254	C18H38	000593-45-3	83
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81
5	Octadecane, 5-methyl-	268	C19H40	025117-35-5	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032719\
Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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

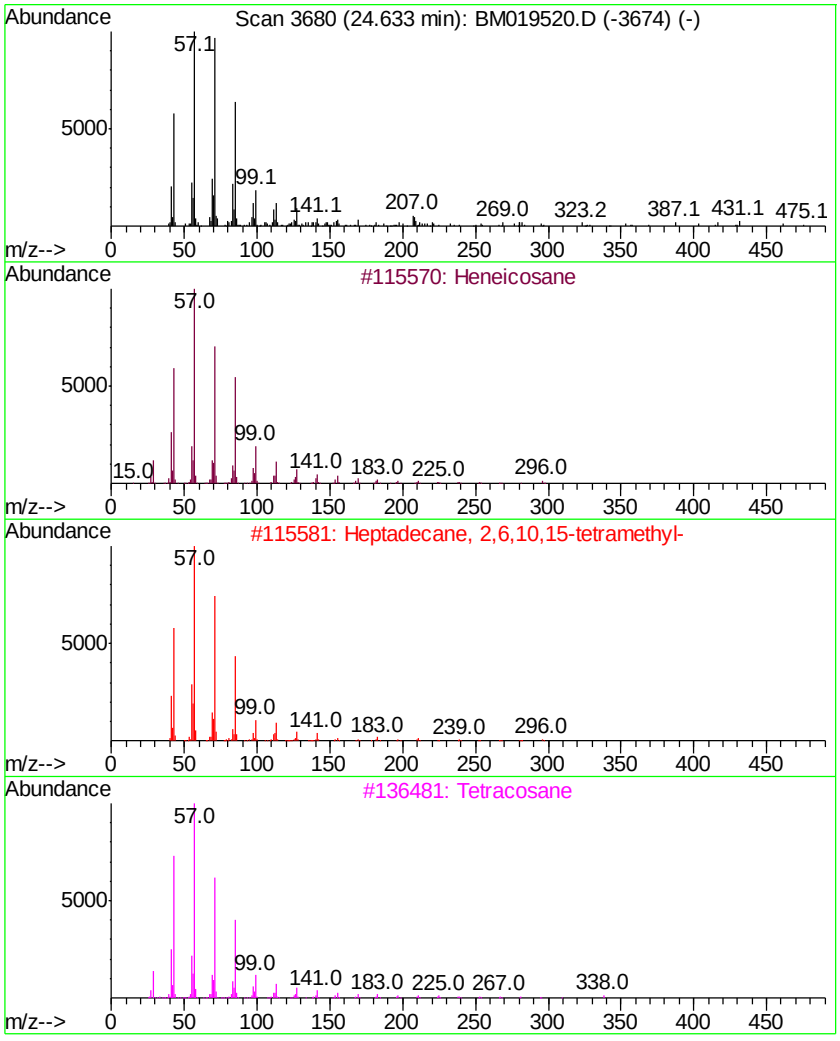
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

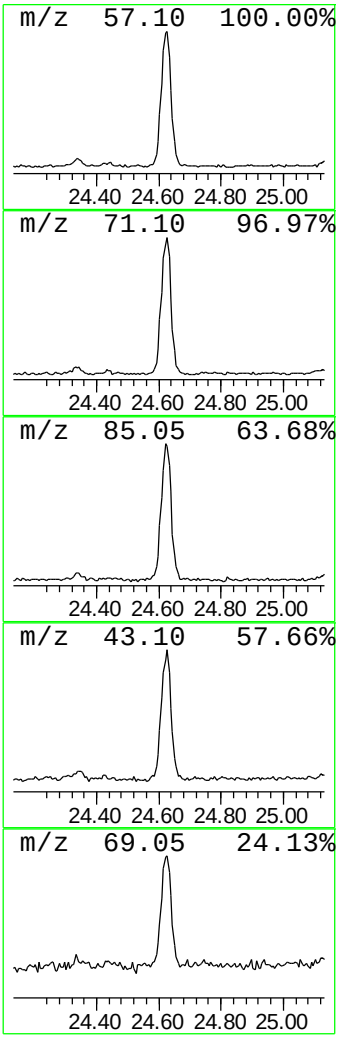
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	3.98 ng/ul	426945	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Docosane	310	C22H46	000629-97-0	86
5	Octadecane	254	C18H38	000593-45-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019520.D
Acq On : 28 Mar 2019 00:26
Operator : JU/SJ
Sample : K2069-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D4

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-	4.96	20.1	ng/ul	138791000	1	7.60	138447000	20.0
Benzene, 1,4-dich...	7.66	20.0	ng/ul	138447000	1	7.60	138447000	20.0
Benzene, 1,2-dich...	7.97	15.3	ng/ul	105925000	1	7.60	138447000	20.0
Benzene, 1,3,5-tr...	10.24	728.0	ng/ul	29966700	2	10.37	823225	20.0
Benzene, 1,2,4-tr...	10.75	52.9	ng/ul	2177770	2	10.37	823225	20.0
Benzene, 1-chloro...	11.00	7.4	ng/ul	304152	2	10.37	823225	20.0
(DEL) Alkane: Cyc...	13.27	3.0	ng/ul	169585	3	14.24	1117780	20.0
(DEL) Alkane: Str...	22.23	2.9	ng/ul	248574	5	21.22	1741080	20.0
(DEL) Alkane: Str...	22.72	3.3	ng/ul	351135	6	23.42	2147250	20.0
(DEL) Alkane: Str...	23.90	4.7	ng/ul	500090	6	23.42	2147250	20.0
(DEL) Alkane: Str...	24.63	4.0	ng/ul	426945	6	23.42	2147250	20.0