LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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	5.010	326	344	348	rBV4	49602715	228889224	100.00%	30.490%
2	6.787	641	646	659	rVB	160587	274057	0.12%	0.037%
3	6.963	670	676	691	rBV	576290	1017231	0.44%	0.136%
4	7.140	700	706	718	rBV	669027	1090388	0.48%	0.145%
5	7.498	758	767	780	rBV	10701035	20563754	8.98%	2.739%
6	7.704	780	802	806	rBV5	50098137	208451467	91.07%	27.768%
7	8.016	837	855	859	rBV3	48953811	173266944	75.70%	23.081%
8	8.316	900	906	919	rBV	476250	809249	0.35%	0.108%
9	8.775	976	984	987	rBV	700603	1265881	0.55%	0.169%
10	8.828	987	993	1014	rVB	7364279	12856657	5.62%	1.713%
11	9.486	1098	1105	1119	rBV	574428	1014533	0.44%	0.135%
12	10.016	1188	1195	1214	rBV	866668	1519659	0.66%	0.202%
13	10.269	1226	1238	1243	rBV	28872192	53897311	23.55%	7.180%
14	10.386	1252	1258	1264	rBV	875912	1347858	0.59%	0.180%
15	10.763	1314	1322	1335	rBV	3380898	5543316	2.42%	0.738%
16	10.998	1356	1362	1376	rVB	1461761	2411991	1.05%	0.321%
17	11.216	1392	1399	1414	rBV2	296715	684617	0.30%	0.091%
18	12.422	1593	1604	1616	rBV	1237448	2137785	0.93%	0.285%
19	13.045	1700	1710	1723	rBV	2132064	3733577	1.63%	0.497%
20	13.280	1744	1750	1756	rVB	161439	236621	0.10%	0.032%
21	13.680	1811	1818	1826	rBV	1539342	2240741	0.98%	0.298%
22	13.951	1857	1864	1873	rBV	1936748	2862391	1.25%	0.381%
23	14.257	1907	1916	1929	rBV2	1186185	1784814	0.78%	0.238%
24	15.257	2080	2086	2100	rBV	2338056	3449803	1.51%	0.460%
25	15.398	2105	2110	2124	rBV	598738	932857	0.41%	0.124%
26	17.015	2379	2385	2395	rBV	1383530	1902931	0.83%	0.253%
27	17.115	2395	2402	2424	rVV	2514883	3613823	1.58%	0.481%
28	19.421	2788	2794	2808	rBV	2936113	3960243	1.73%	0.528%
29	21.221	3095	3100	3112	rBV	1518696	2106644	0.92%	0.281%
30	23.297	3446	3453	3464	rBV2	2361032	4285710	1.87%	0.571%
31	23.433	3470	3476	3487	rBV2	1083990	2082138	0.91%	0.277%
32	23.921	3554	3559	3567	rVB2	128610	232860	0.10%	0.031%
33	24.644	3678	3682	3689	rVB2	115250	229759	0.10%	0.031%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

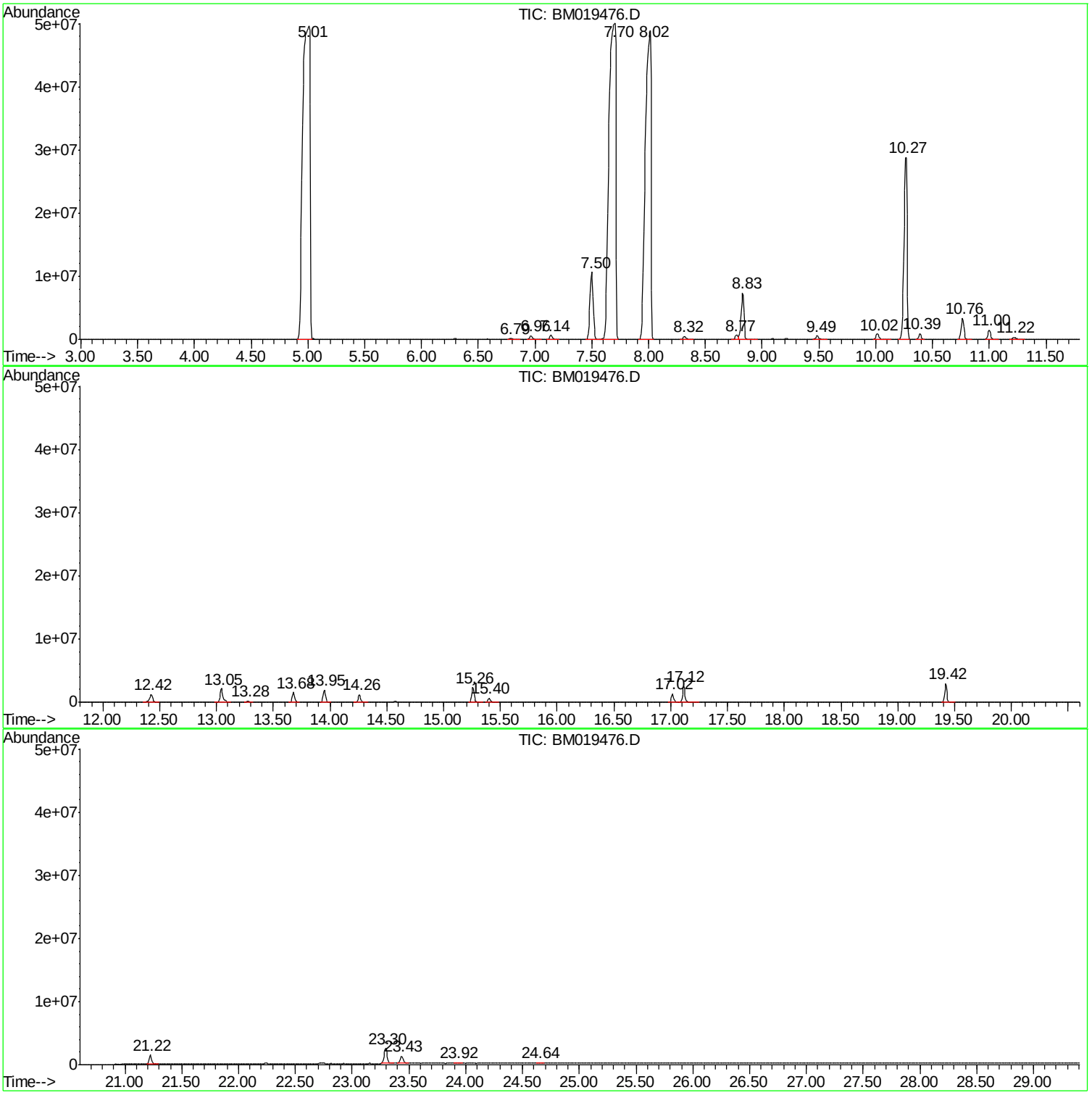
Sum of corrected areas: 750696834

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09D8

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\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

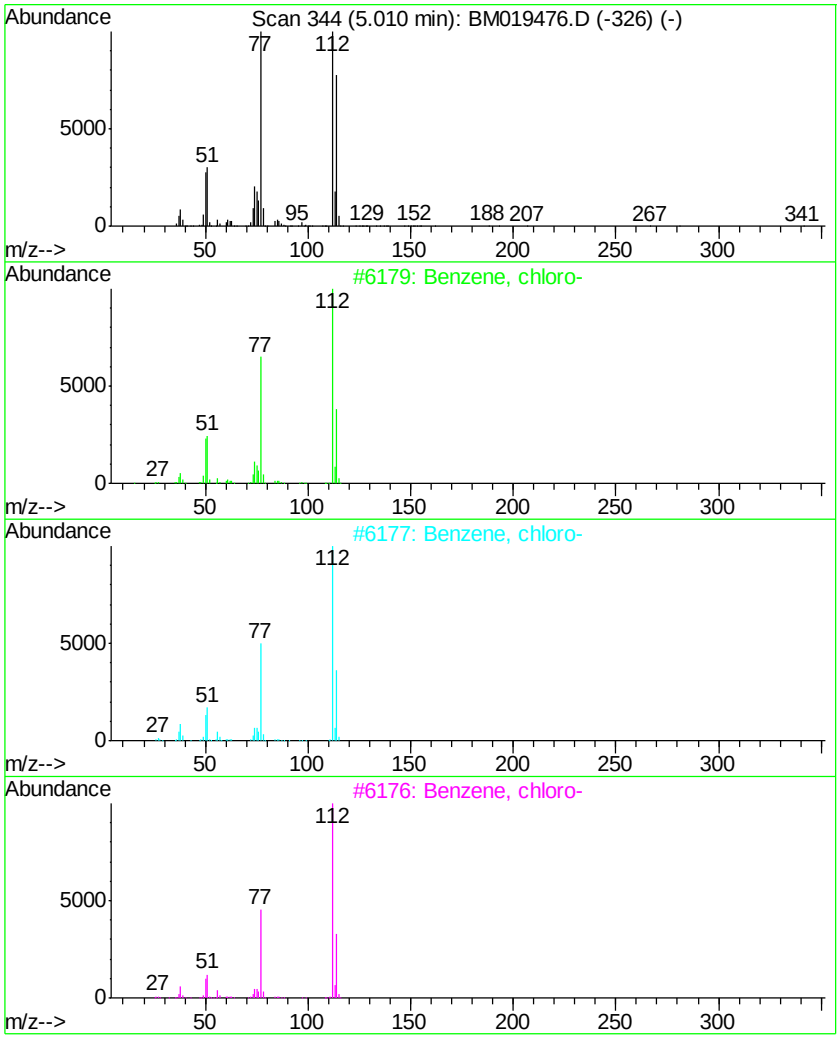
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

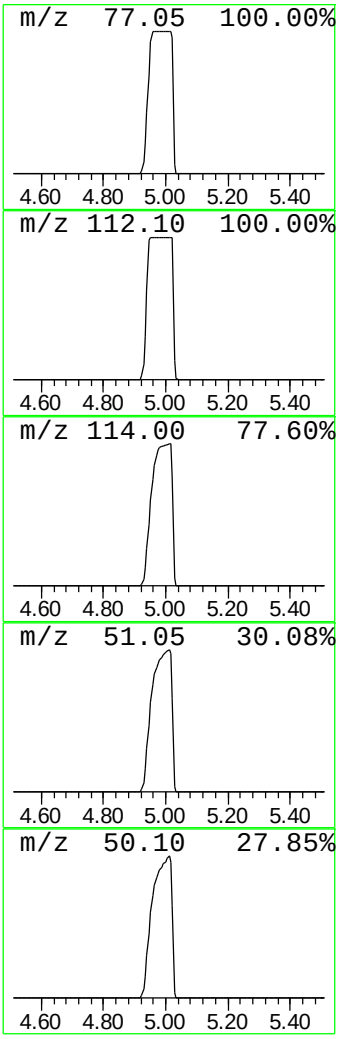
****

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	21.96 ng/ul	228889000	1,4-Dichlorobenzene-d4	7.64

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	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

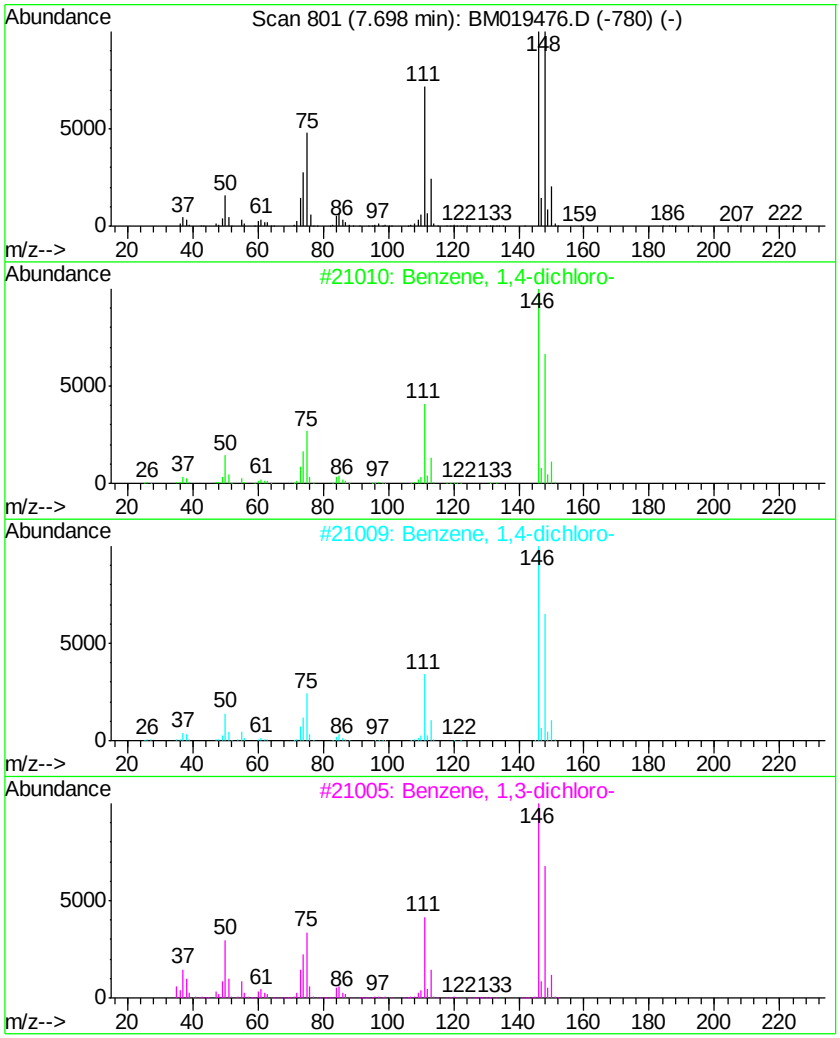
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

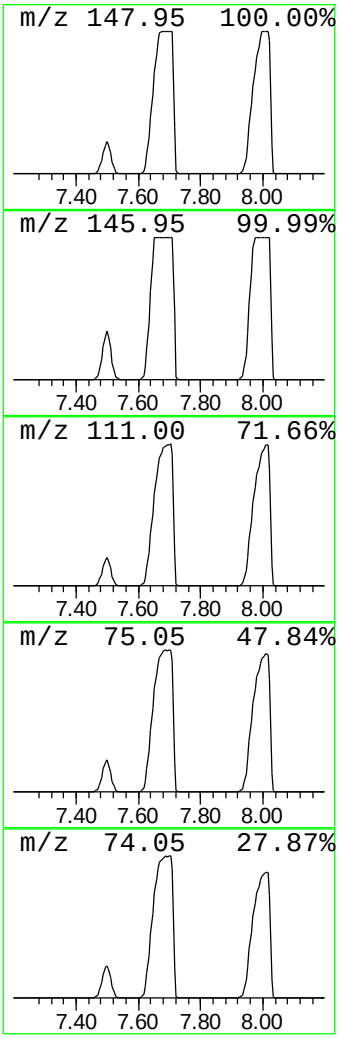
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	20.00 ng/ul	208451000	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
4	Benzene, 1,2-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\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

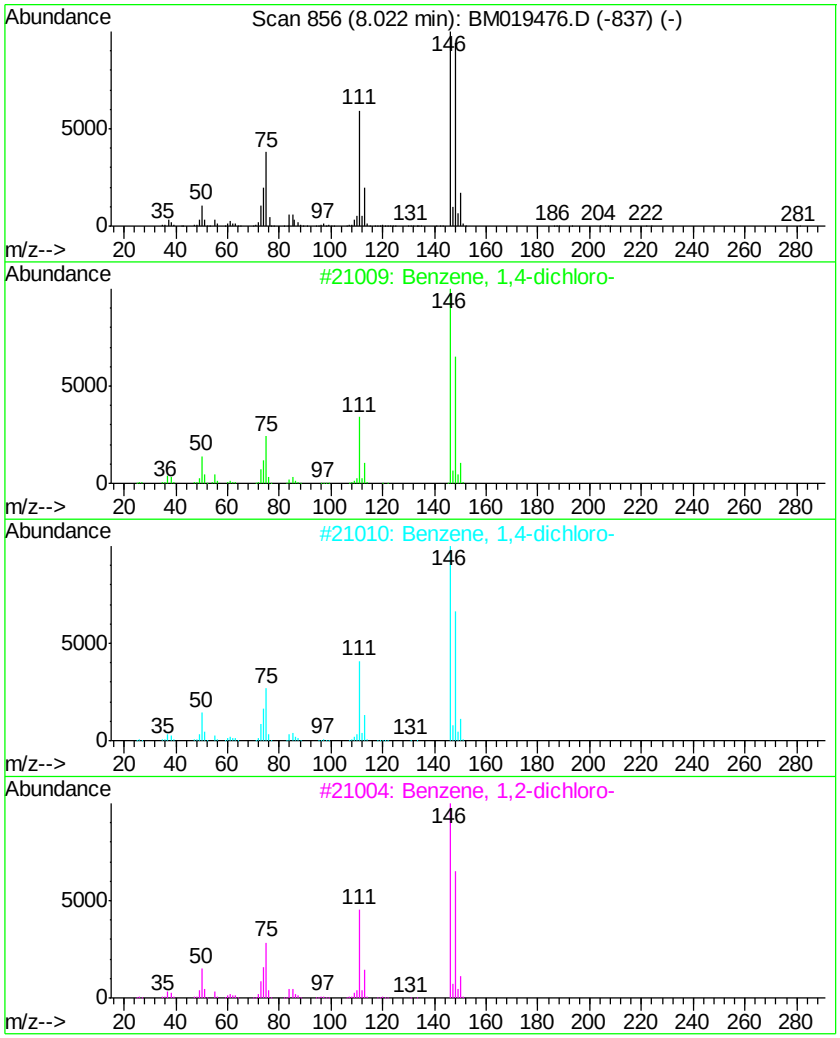
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

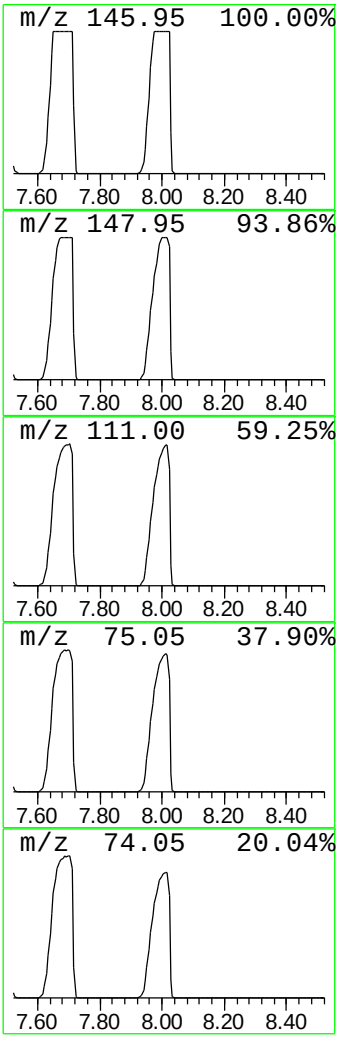
****

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	16.62 ng/ul	173267000	1,4-Dichlorobenzene-d4	7.64

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	81
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

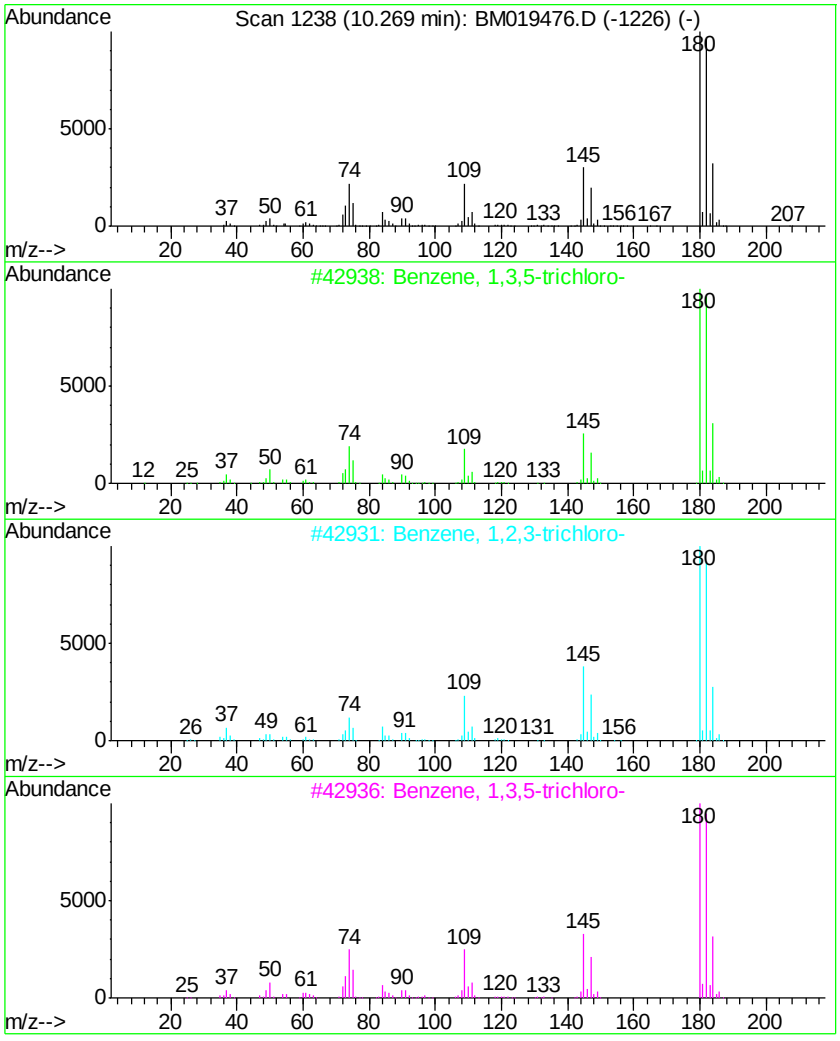
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

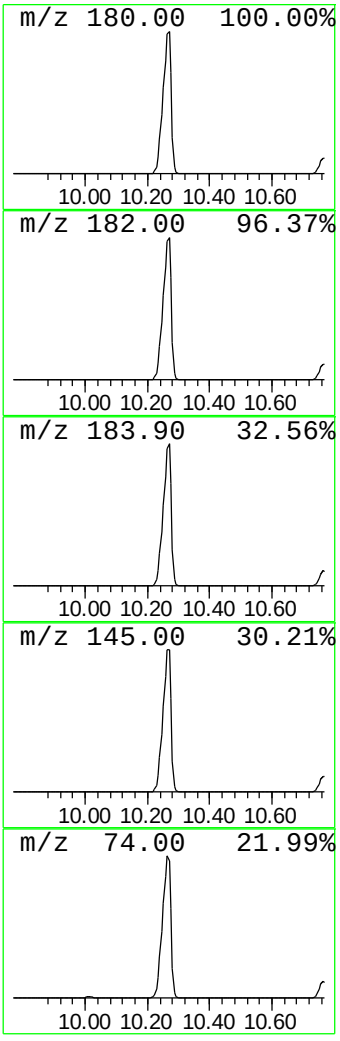
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	799.75 ng/ul	53897300	Naphthalene-d8	10.39

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	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

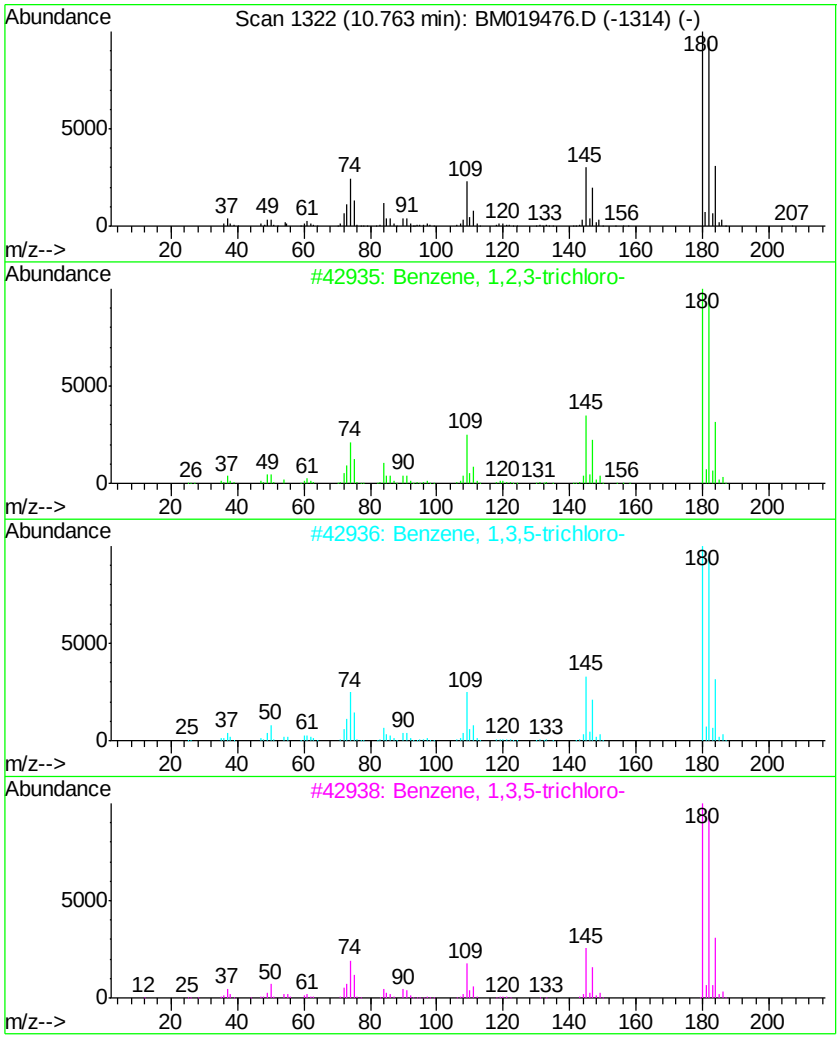
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

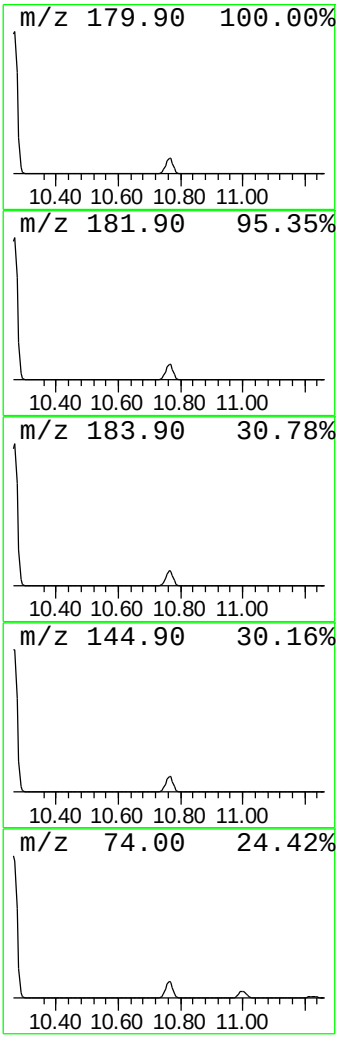
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	82.25 ng/ul	5543320	Naphthalene-d8	10.39

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, 1,3,5-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	97





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Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
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Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

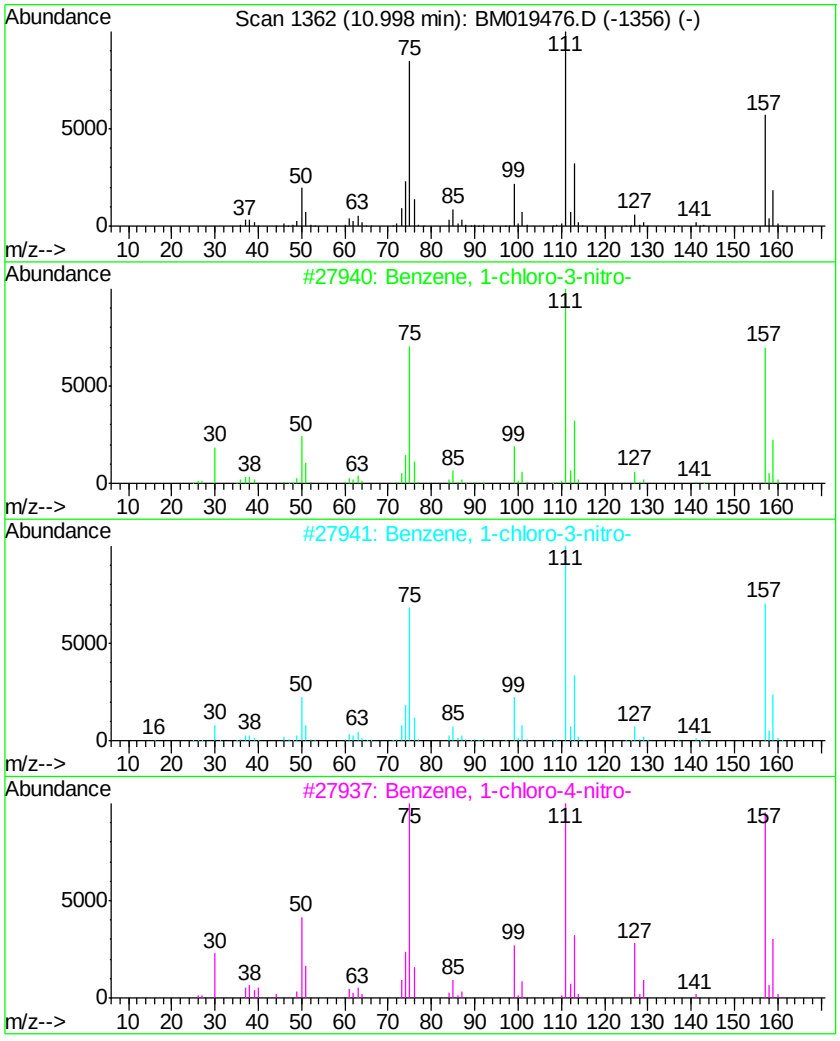
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

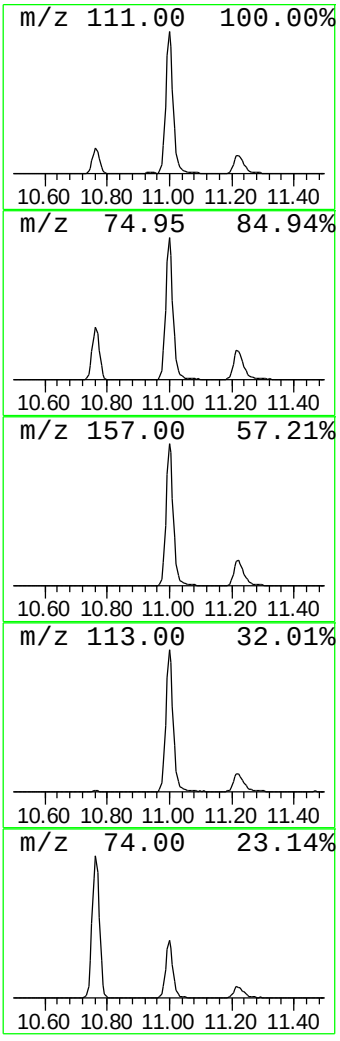
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	35.79 ng/ul	2411990	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
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Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

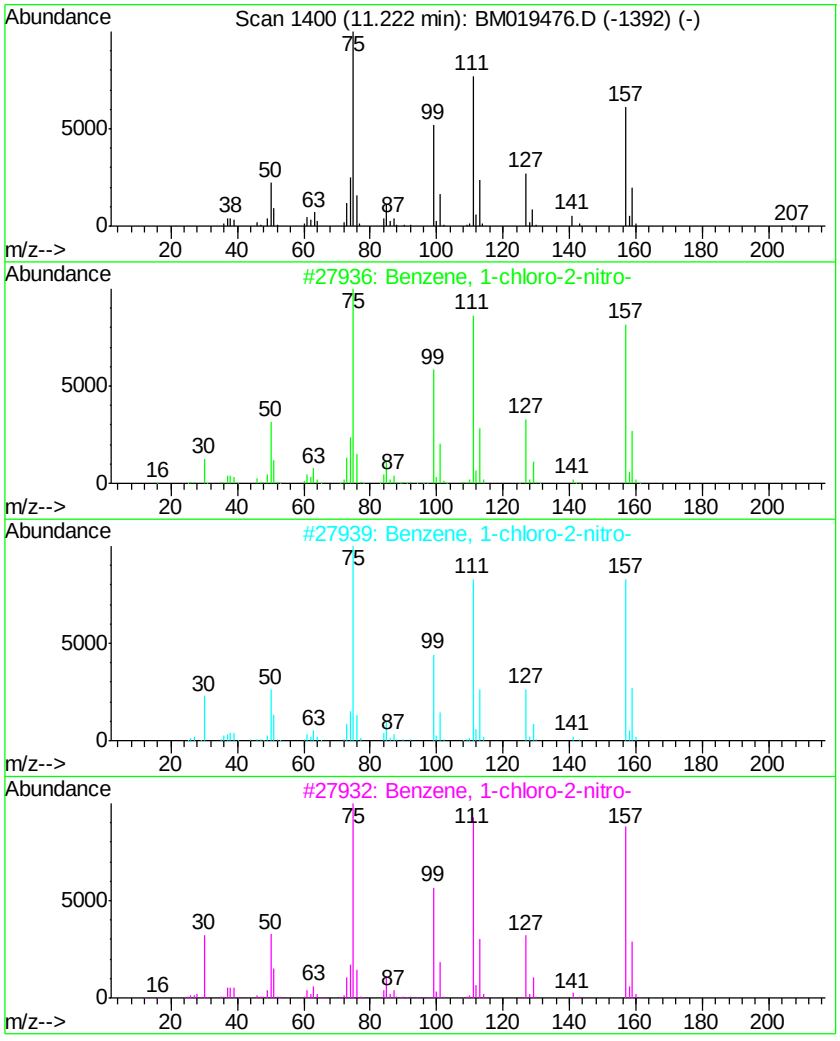
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

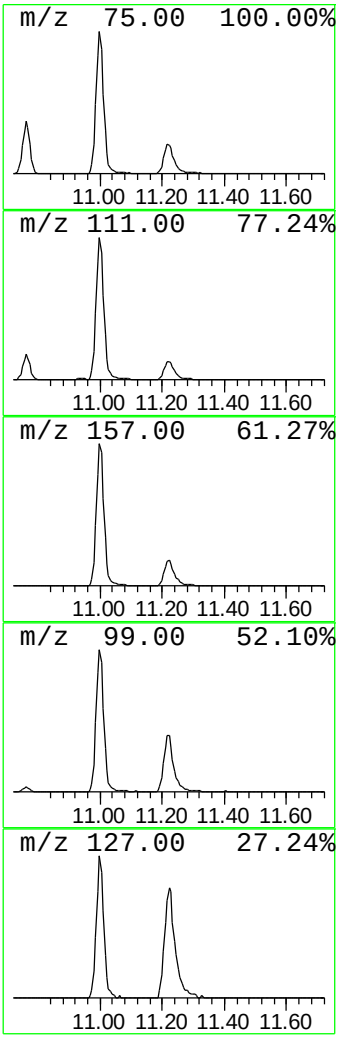
****

Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	10.16 ng/ul	684617	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

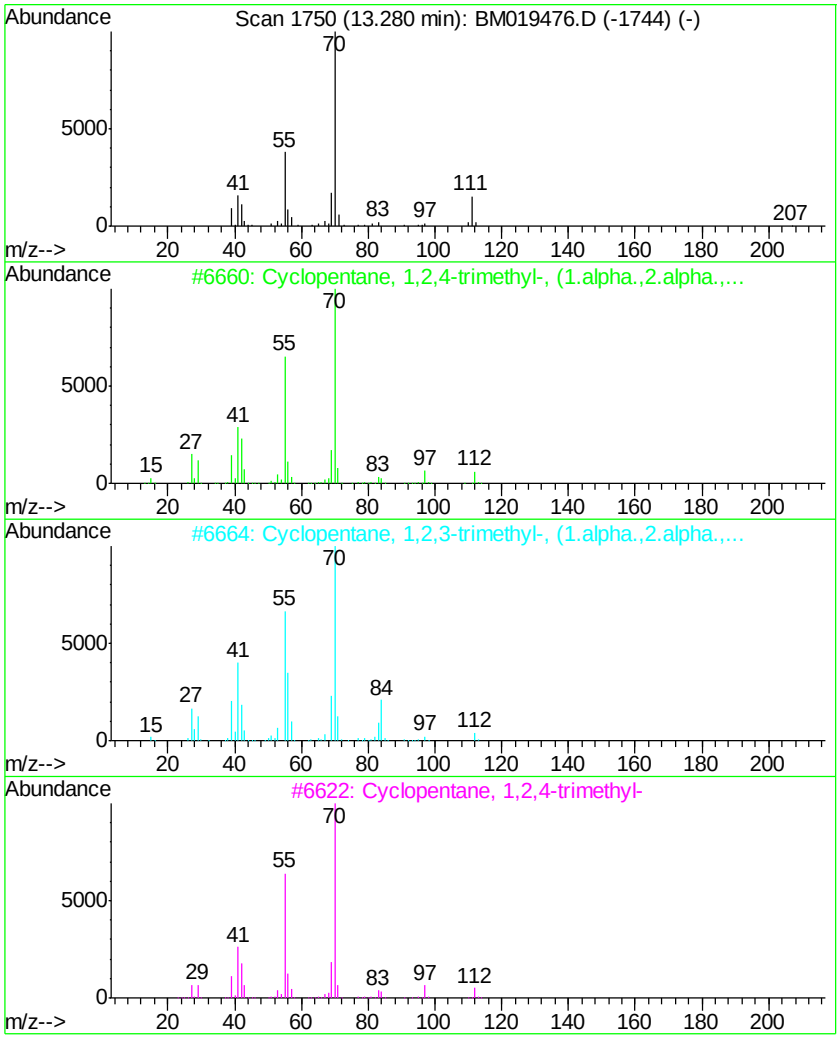
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

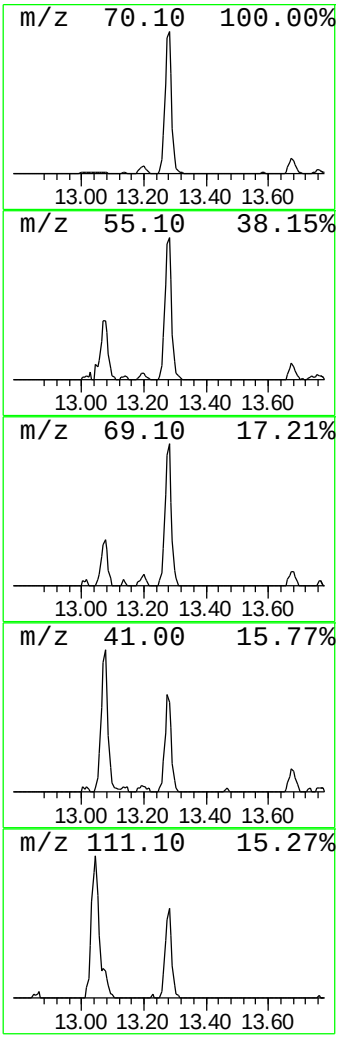
****

Peak Number 8 (DEL) Alkane: Cyclic13.28 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.65 ng/ul	236621	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	47
4	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	42
5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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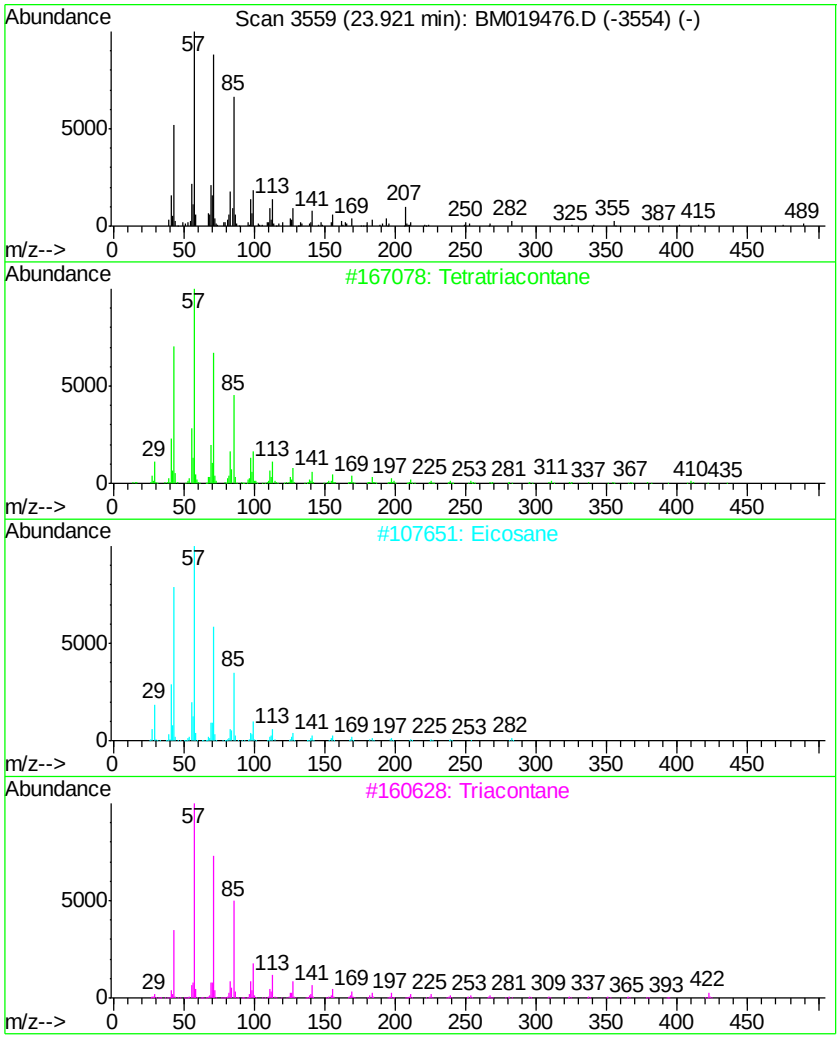
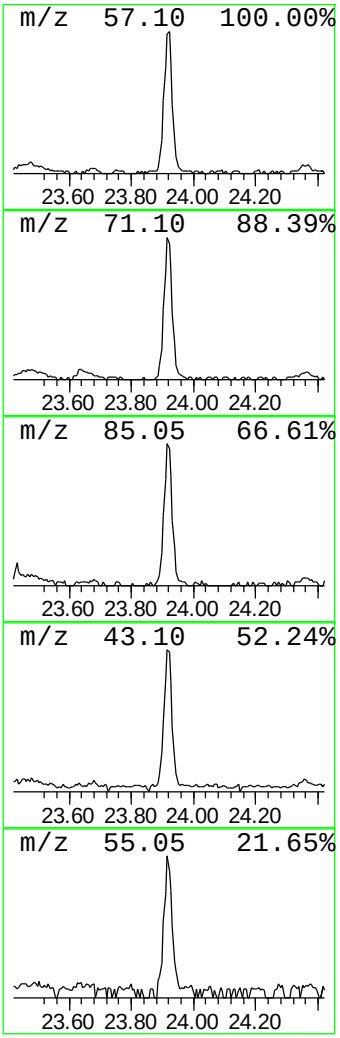
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.24 ng/ul	232860	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	90
2	Eicosane	282	C20H42	000112-95-8	89
3	Triacontane	422	C30H62	000638-68-6	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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

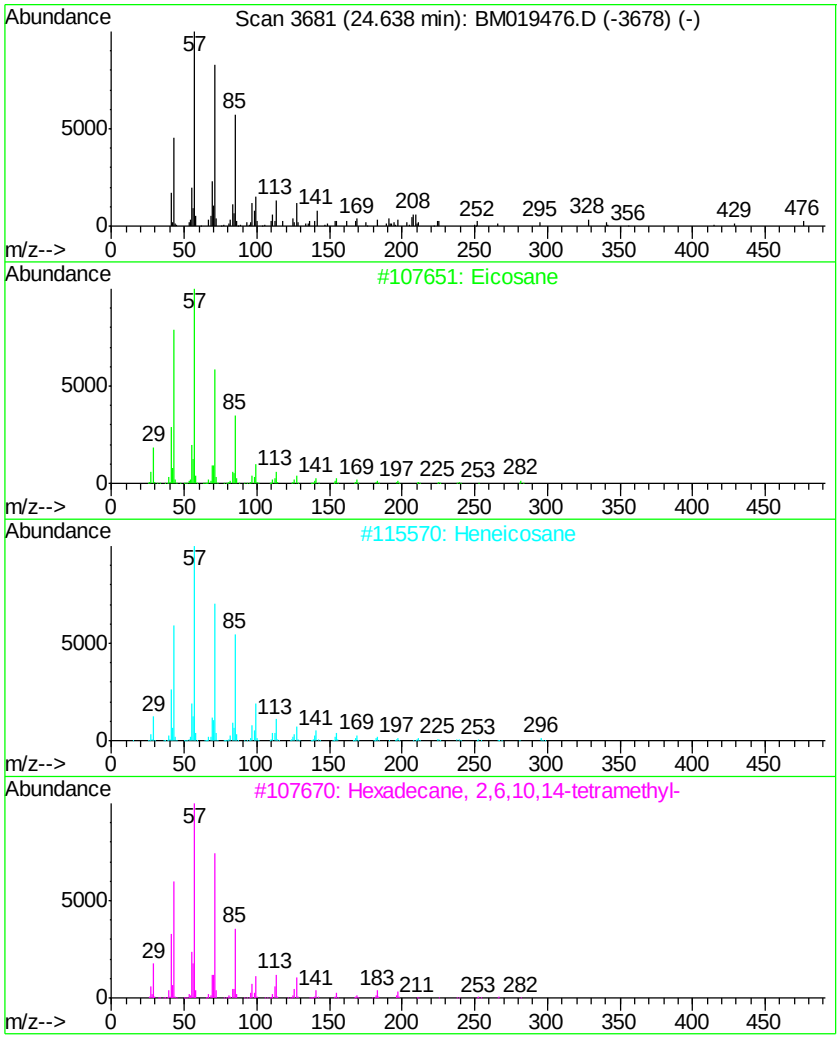
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

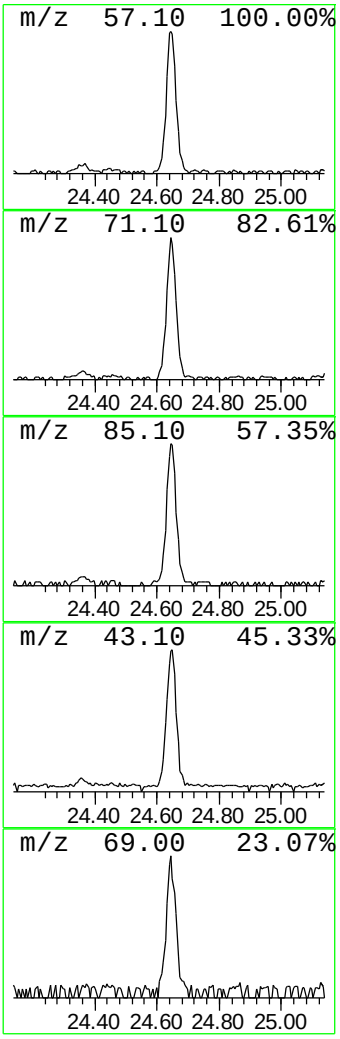
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	2.21 ng/ul	229759	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Nonadecane	268	C19H40	000629-92-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019476.D
Acq On : 26 Mar 2019 18:39
Operator : JU/SJ
Sample : K2069-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8

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	22.0	ng/ul	228889000	1	7.64	208451000	20.0
Benzene, 1,4-dich...	7.70	20.0	ng/ul	208451000	1	7.64	208451000	20.0
Benzene, 1,2-dich...	8.02	16.6	ng/ul	173267000	1	7.64	208451000	20.0
Benzene, 1,3,5-tr...	10.27	799.8	ng/ul	53897300	2	10.39	1347860	20.0
Benzene, 1,2,3-tr...	10.76	82.3	ng/ul	5543320	2	10.39	1347860	20.0
Benzene, 1-chloro...	11.00	35.8	ng/ul	2411990	2	10.39	1347860	20.0
Benzene, 1-chloro...	11.22	10.2	ng/ul	684617	2	10.39	1347860	20.0
(DEL) Alkane: Cyc...	13.28	2.6	ng/ul	236621	3	14.26	1784810	20.0
(DEL) Alkane: Str...	23.92	2.2	ng/ul	232860	6	23.43	2082140	20.0
(DEL) Alkane: Str...	24.64	2.2	ng/ul	229759	6	23.43	2082140	20.0