LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016831.D
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

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-BM091018MA.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	3.016	3	5	11	rVB	2435446	2757197	1.47%	0.269%
2	5.099	348	359	361	rBV4	50368498	124125261	66.30%	12.119%
3	6.422	573	584	592	rBV	790592	1255609	0.67%	0.123%
4	6.657	610	624	629	rBV	199633	371144	0.20%	0.036%
5	6.716	629	634	641	rVV	155599	269014	0.14%	0.026%
6	6.899	657	665	672	rVB2	310347	552557	0.30%	0.054%
7	7.087	684	697	706	rBV	693065	1614636	0.86%	0.158%
8	7.269	719	728	740	rVV	907921	1781978	0.95%	0.174%
9	7.646	777	792	803	rBV2	39703091	142848225	76.30%	13.946%
10	7.798	803	818	821	rBV4	53240812	178655817	95.42%	17.442%
11	8.134	859	875	877	rBV4	53467738	183164169	97.83%	17.883%
12	8.428	916	925	938	rVB	892496	1443838	0.77%	0.141%
13	8.881	995	1002	1005	rBV	1215282	2066754	1.10%	0.202%
14	8.928	1005	1010	1017	rVB	5809879	9581576	5.12%	0.935%
15	9.210	1051	1058	1067	rBV	1179910	1924882	1.03%	0.188%
16	9.440	1090	1097	1101	rBV	155491	268765	0.14%	0.026%
17	9.522	1106	1111	1117	rVB	679789	1135471	0.61%	0.111%
18	9.592	1117	1123	1127	rBV	984698	1772038	0.95%	0.173%
19	10.128	1207	1214	1222	rBV	1574774	2568749	1.37%	0.251%
20	10.416	1247	1263	1268	rBV4	57503713	187224140	100.00%	18.279%
21	10.522	1275	1281	1287	rBV	1735733	2570339	1.37%	0.251%
22	10.910	1335	1347	1353	rBV	41205467	85171690	45.49%	8.315%
23	11.104	1372	1380	1388	rVB	4022391	6521268	3.48%	0.637%
24	11.316	1408	1416	1425	rVB	924087	1545893	0.83%	0.151%
25	11.798	1487	1498	1508	rBV2	500284	973926	0.52%	0.095%
26	12.486	1605	1615	1619	rBV2	1203777	2196693	1.17%	0.214%
27	12.539	1619	1624	1632	rVB	2277034	3512532	1.88%	0.343%
28	12.757	1655	1661	1673	rVB	347520	628927	0.34%	0.061%
29	12.928	1685	1690	1695	rBV	150145	221862	0.12%	0.022%
30	13.151	1721	1728	1737	rVB	8963403	13375405	7.14%	1.306%
31	13.745	1821	1829	1831	rBV	1404960	2173245	1.16%	0.212%
32	13.775	1831	1834	1839	rVV	2791895	3690068	1.97%	0.360%
33	14.051	1875	1881	1890	rVV	3448758	4901440	2.62%	0.479%
34	14.133	1890	1895	1901	rVB2	122562	189213	0.10%	0.018%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016831.D
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

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-BM091018MA.M
Title : SVOA CALIBRATION

35	14.357	1927	1933	1946	rVB2	2089912	3318271	1.77%	0.324%
36	14.557	1962	1967	1978	rVB2	314210	562040	0.30%	0.055%
37	14.845	2010	2016	2022	rBV	147799	223029	0.12%	0.022%
38	15.357	2096	2103	2109	rBV	4162236	6068828	3.24%	0.593%
39	15.469	2115	2122	2133	rBV	1150664	1603273	0.86%	0.157%
40	17.104	2394	2400	2410	rBV2	2592889	3696048	1.97%	0.361%
41	17.204	2410	2417	2429	rBV	4607053	6346780	3.39%	0.620%
42	18.480	2624	2634	2641	rBV	2438749	3334252	1.78%	0.326%
43	19.504	2801	2808	2815	rBV	5485110	7598856	4.06%	0.742%
44	21.292	3107	3112	3118	rBV	3726381	4591284	2.45%	0.448%
45	22.874	3378	3381	3389	rVB	191386	264332	0.14%	0.026%
46	23.386	3461	3468	3475	rBV	4430630	8392322	4.48%	0.819%
47	23.527	3486	3492	3504	rVB2	2549891	4809973	2.57%	0.470%
48	24.092	3584	3588	3596	rVB2	210933	397803	0.21%	0.039%

Sum of corrected areas: 1024261412

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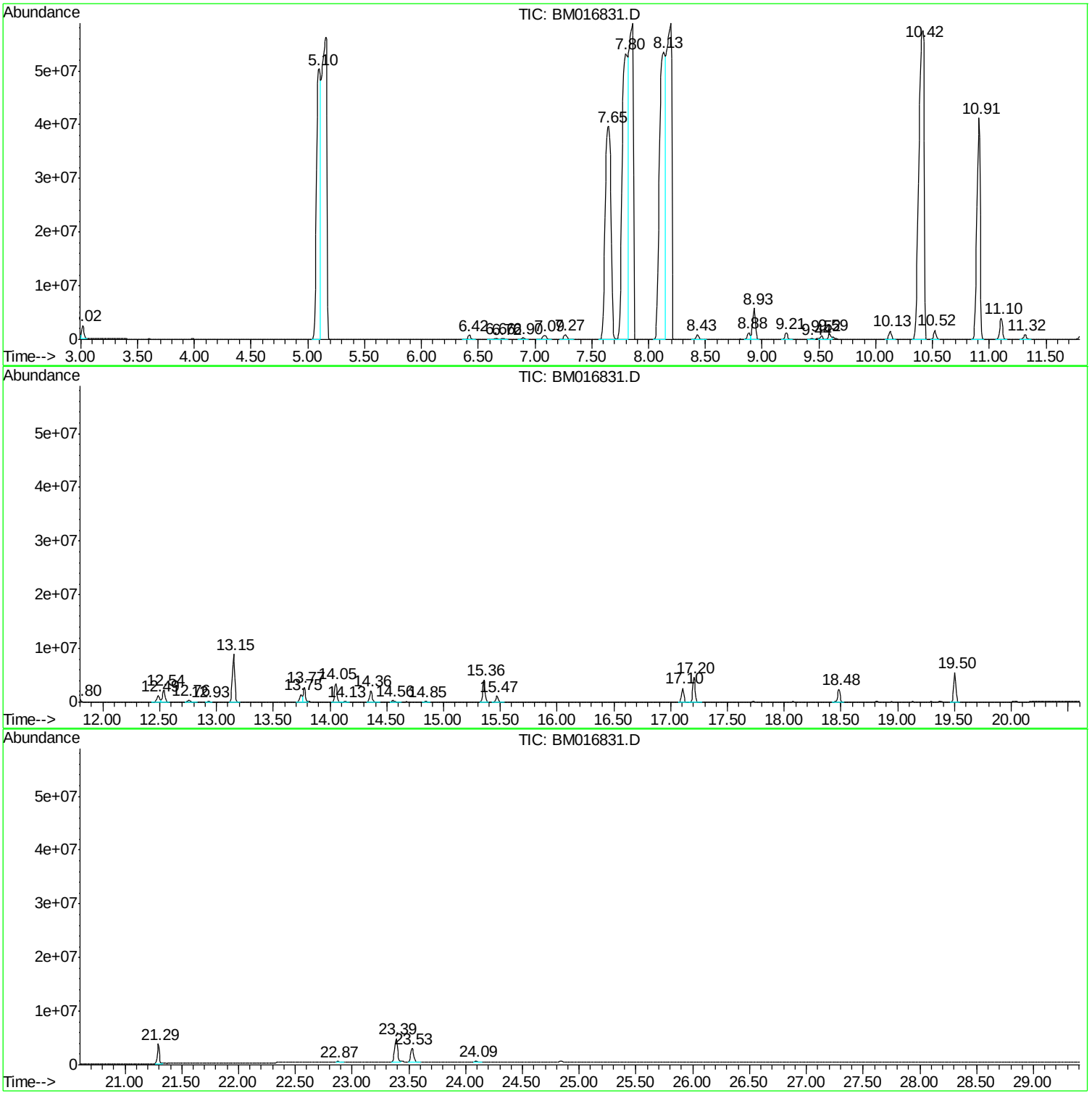
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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\BM092118\
Data File : BM016831.D
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

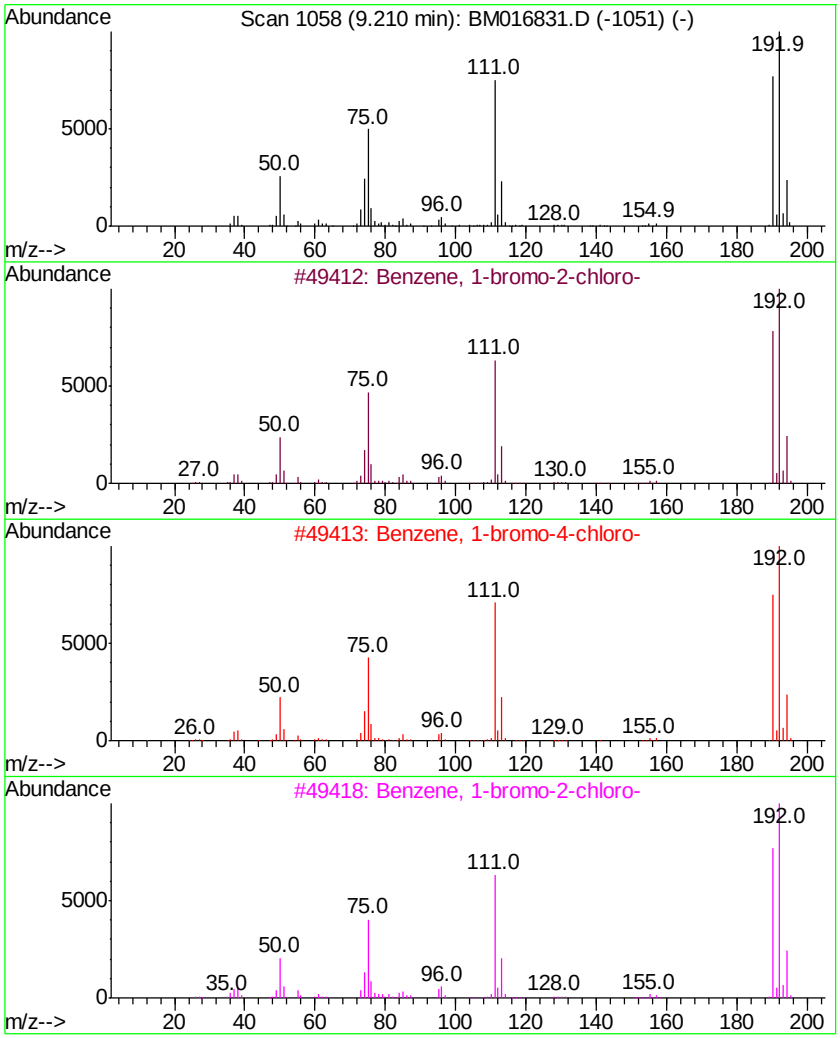
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

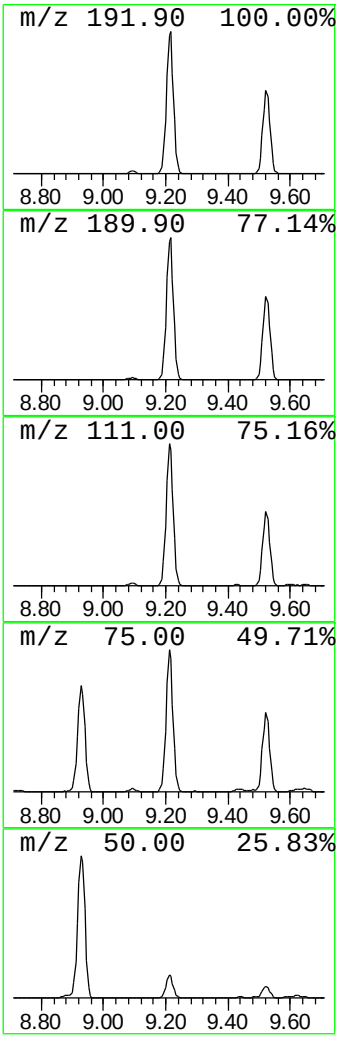
****

Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	14.98 ng/ul	1924880	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016831.D
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

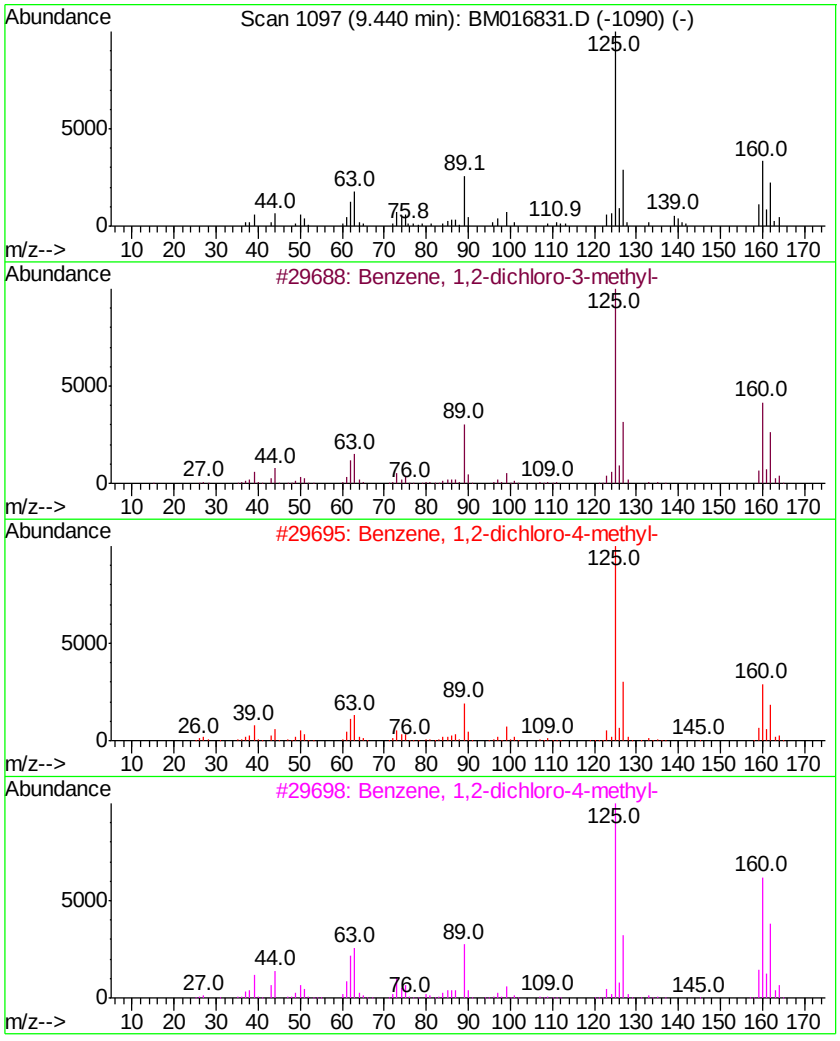
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

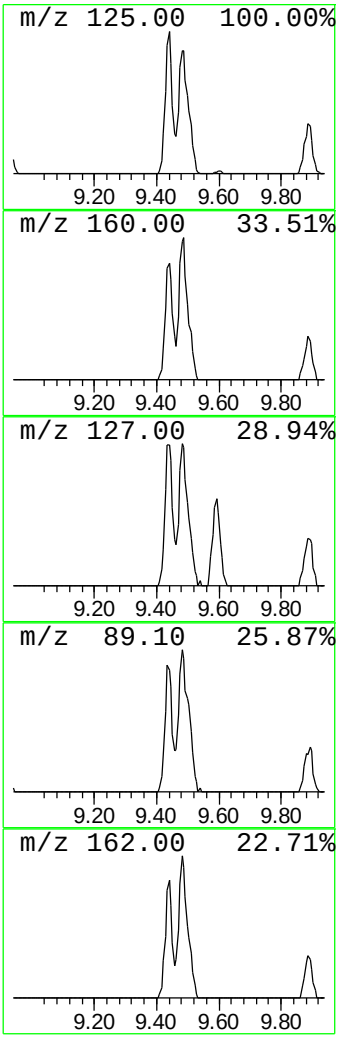
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2-dichloro-3-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.09 ng/ul	268765	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	98
3	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97
4	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
5	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016831.D
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

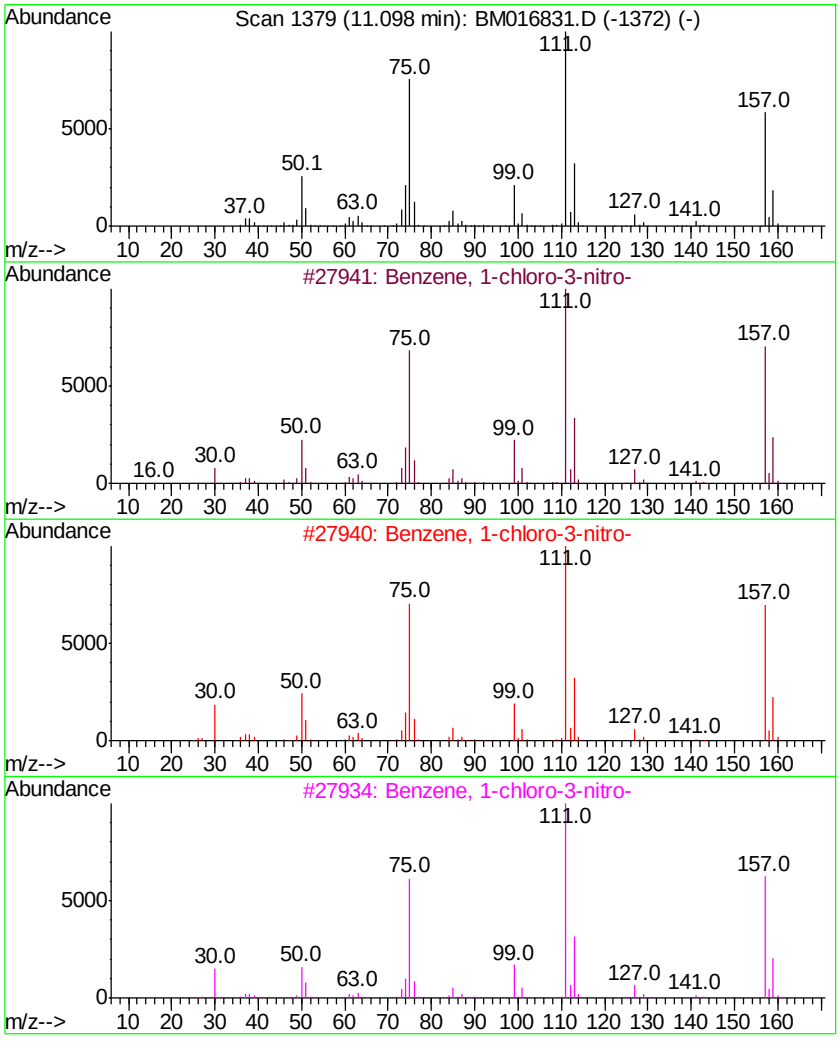
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

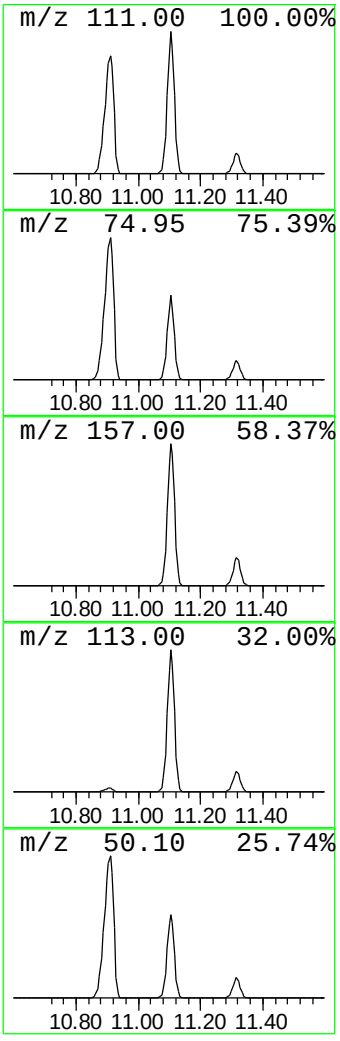
****

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	50.74 ng/ul	6521270	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016831.D
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

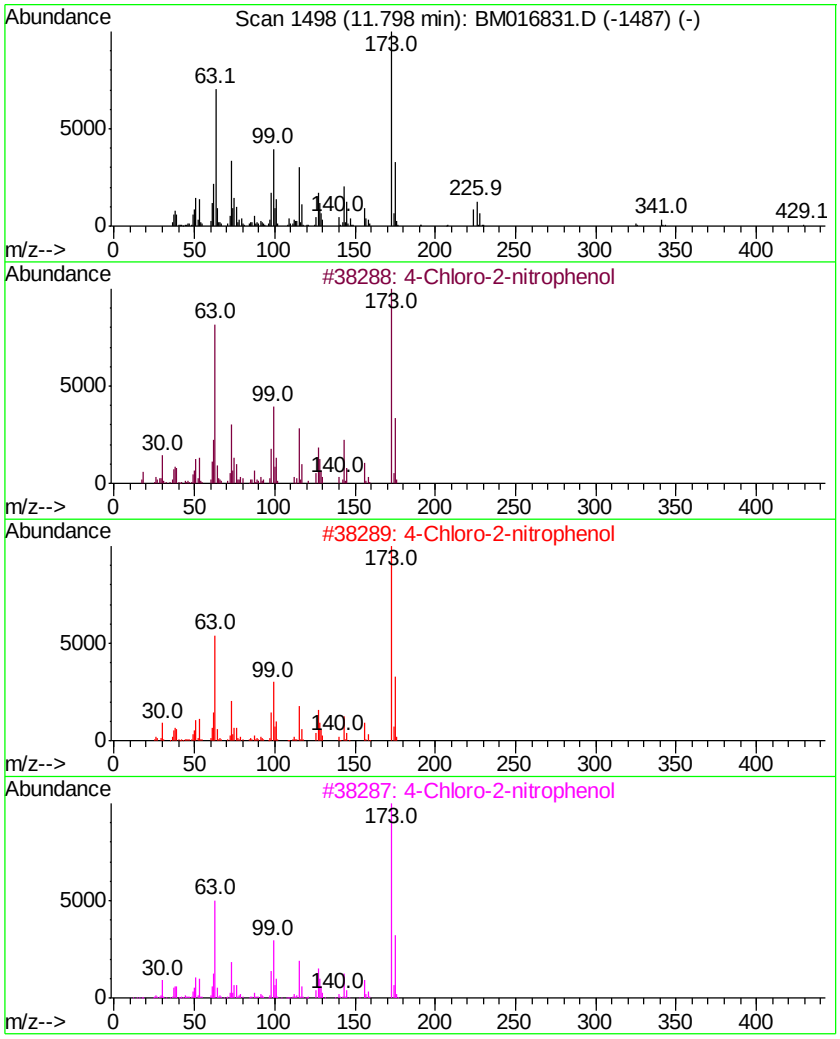
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

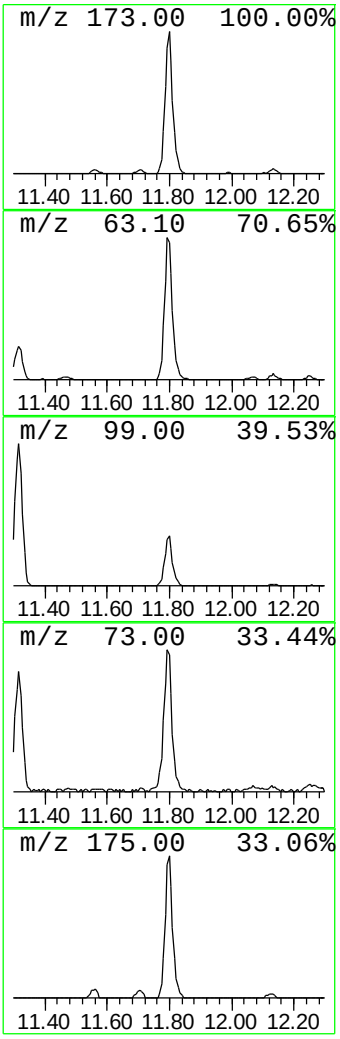
****

Peak Number 11 4-Chloro-2-nitrophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.58 ng/ul	973926	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
4	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	72
5	3-Chloro-6-diazocyclohexa-2,4-di...	154	C6H3ClN2O	080090-95-5	37





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Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

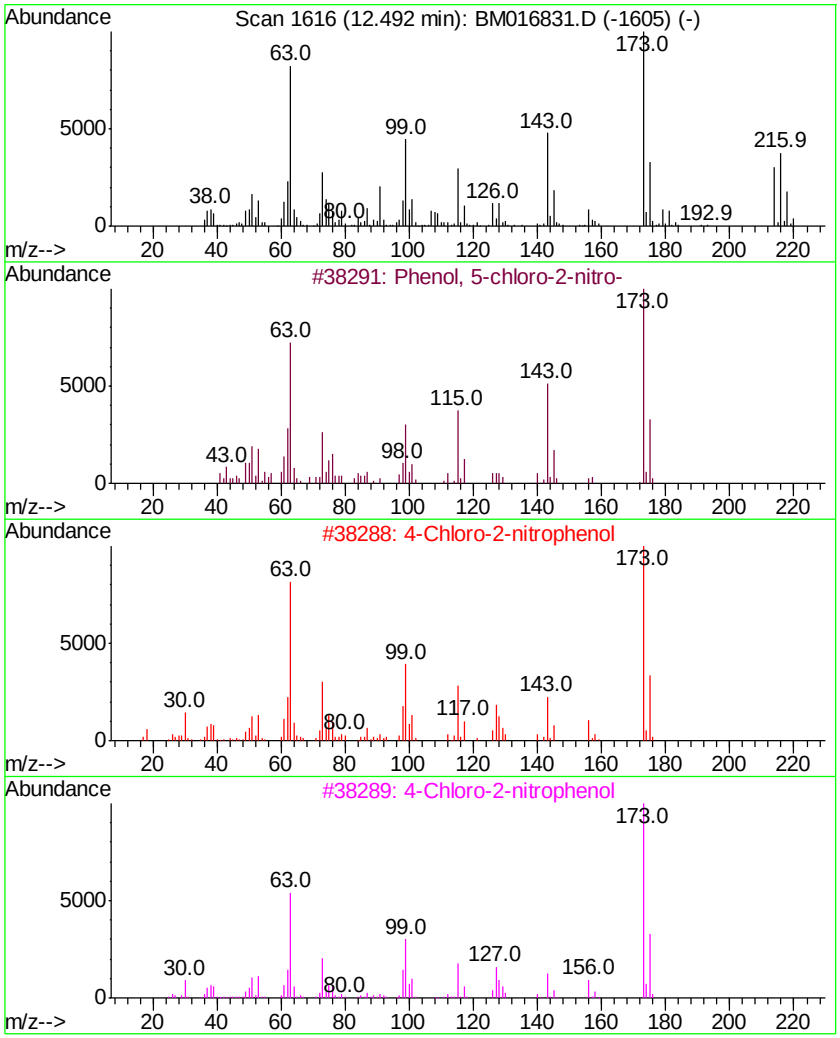
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

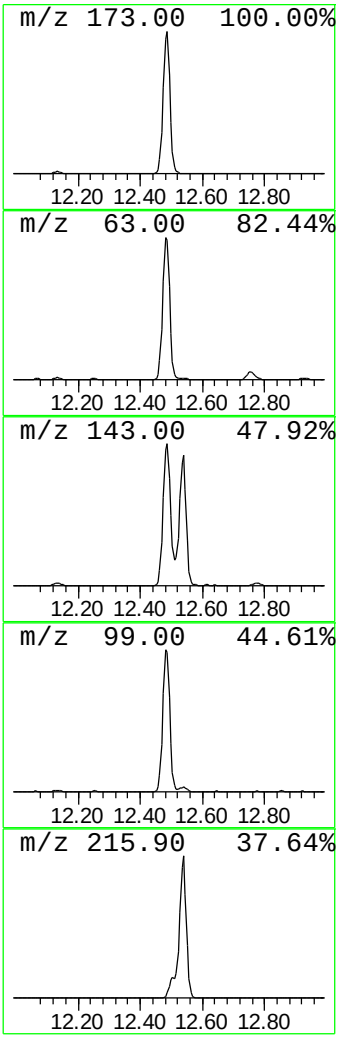
****

Peak Number 12 Phenol, 5-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	13.24 ng/ul	2196690	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	93
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	86
4	Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	38
5	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016831.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

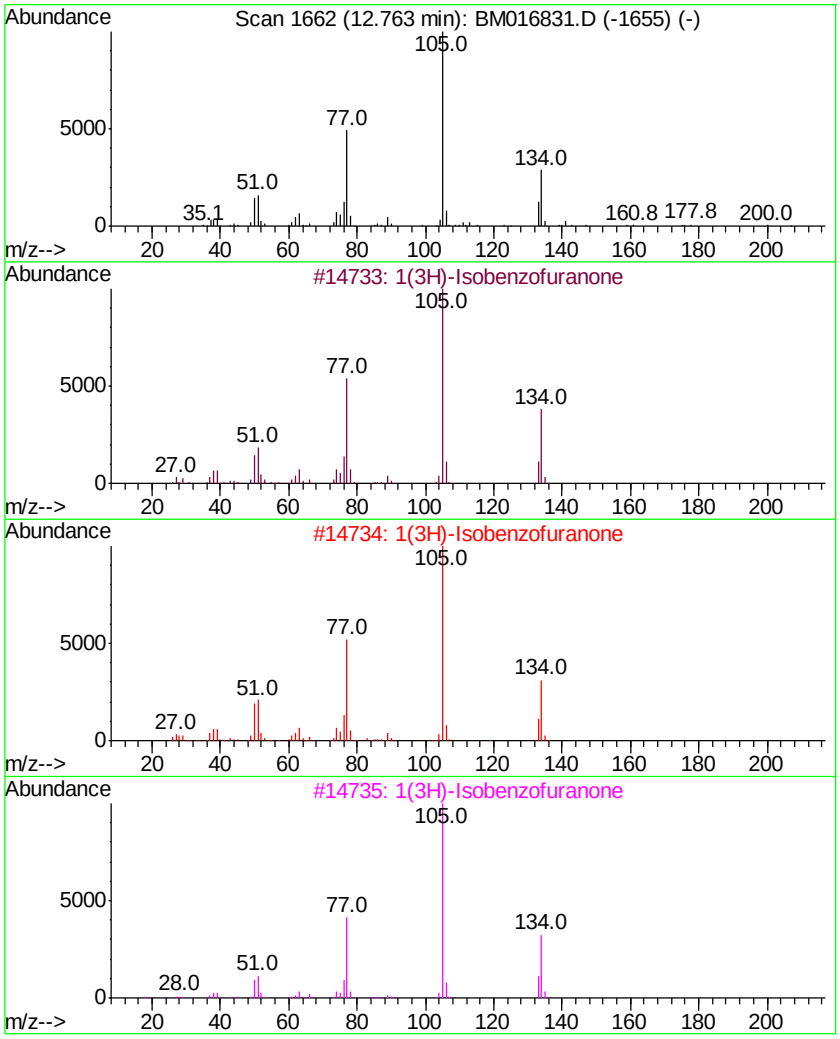
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

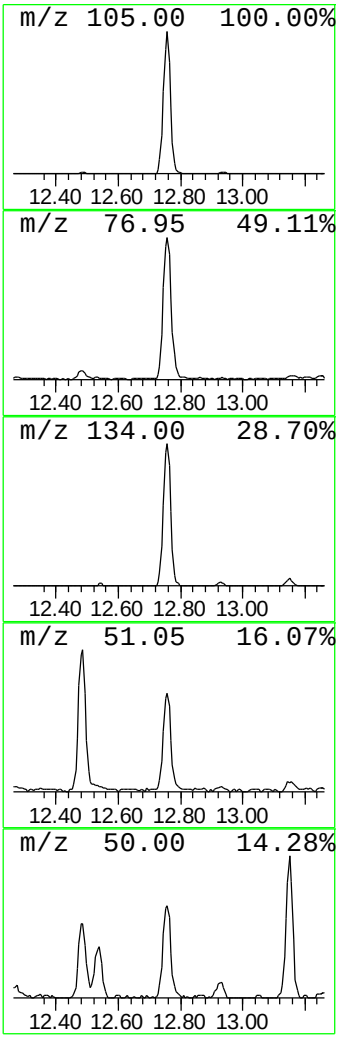
****

Peak Number 13 1(3H)-Isobenzofuranone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.79 ng/ul	628927	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	95
2	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	95
3	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	91
4	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	91
5	Benzoic acid, 2-(hydroxymethyl)-	152	C8H8O3	000612-20-4	78





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

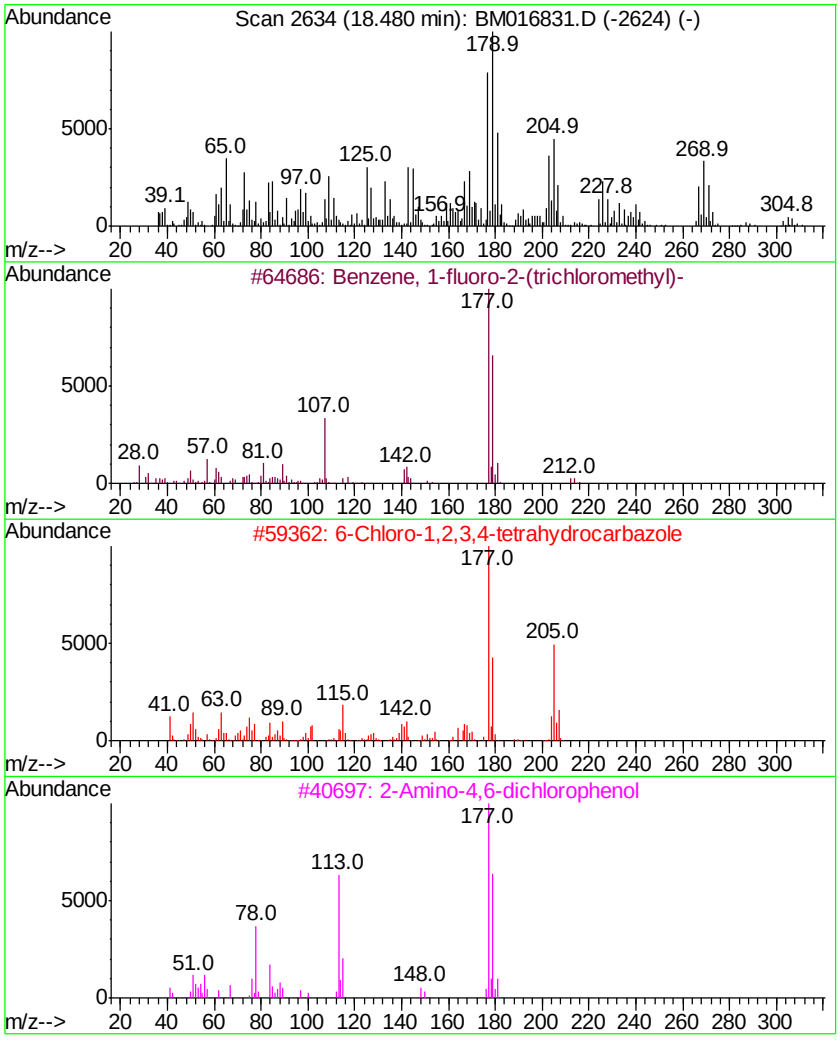
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

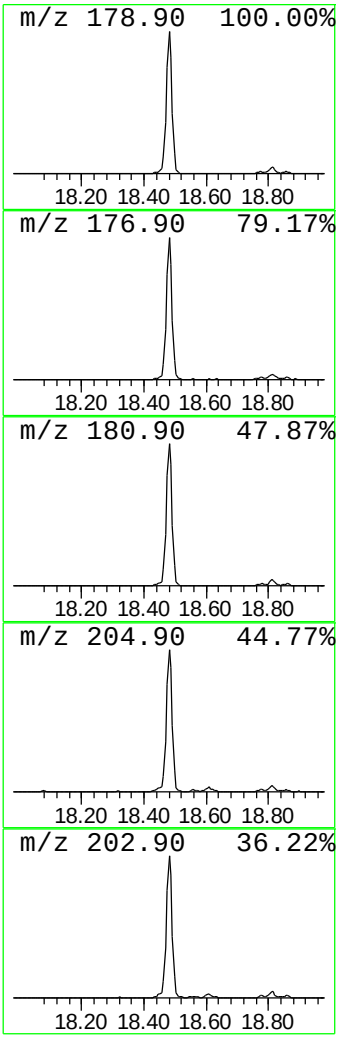
****

Peak Number 14 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	18.04 ng/ul	3334250	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	35
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
3	2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	22
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	15
5	4-Butylbenzoic acid, nonyl ester	304	C20H32O2	1000292-20-6	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092118\
Data File : BM016831.D
Acq On : 21 Sep 2018 14:29
Operator : SJ/JU
Sample : J5012-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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, 1-bromo-...	9.21	15.0	ng/ul	1924880	2	10.52	2570340	20.0
Benzene, 1,2-dich...	9.44	2.1	ng/ul	268765	2	10.52	2570340	20.0
Benzene, 1-chloro...	11.10	50.7	ng/ul	6521270	2	10.52	2570340	20.0
4-Chloro-2-nitrop...	11.80	7.6	ng/ul	973926	2	10.52	2570340	20.0
Phenol, 5-chloro-...	12.49	13.2	ng/ul	2196690	3	14.36	3318270	20.0
1(3H)-Isobenzofur...	12.76	3.8	ng/ul	628927	3	14.36	3318270	20.0
unknown-01	18.48	18.0	ng/ul	3334250	4	17.10	3696050	20.0