LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015566.D
Acq On : 08 Jun 2018 16:35
Operator : SJ/JU
Sample : J3261-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM060818MA.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	5.563	381	387	400	rBV	411543	732126	14.56%	1.348%
2	7.210	663	667	679	rBV	28802	61033	1.21%	0.112%
3	7.492	710	715	725	rBV2	80255	158817	3.16%	0.292%
4	7.657	735	743	755	rBV	329619	541781	10.78%	0.997%
5	7.869	772	779	797	rVB2	359638	757788	15.07%	1.395%
6	8.233	836	841	849	rBV	71115	117687	2.34%	0.217%
7	8.345	854	860	862	rBV	308598	459775	9.15%	0.846%
8	8.381	862	866	877	rVB	873314	1451714	28.88%	2.673%
9	8.704	913	921	934	rBV	3084639	5026961	100.00%	9.255%
10	9.057	974	981	994	rBV	269440	462129	9.19%	0.851%
11	9.533	1052	1062	1064	rBV	470537	760150	15.12%	1.400%
12	9.575	1064	1069	1082	rVB	1684177	2880019	57.29%	5.302%
13	10.257	1178	1185	1200	rBV	404474	743288	14.79%	1.368%
14	10.792	1270	1276	1284	rBV	563195	952991	18.96%	1.755%
15	10.863	1284	1288	1294	rVB	33672	62009	1.23%	0.114%
16	11.033	1310	1317	1334	rBV	981350	1730783	34.43%	3.187%
17	11.180	1334	1342	1350	rBV	461467	800237	15.92%	1.473%
18	11.563	1400	1407	1417	rVB	679232	1165056	23.18%	2.145%
19	11.780	1437	1444	1459	rBV	1533843	2547789	50.68%	4.691%
20	11.992	1473	1480	1495	rVB	300532	560074	11.14%	1.031%
21	12.463	1555	1560	1570	rBV2	56873	94653	1.88%	0.174%
22	13.133	1669	1674	1678	rBV2	91316	147219	2.93%	0.271%
23	13.174	1678	1681	1687	rVB	41276	57004	1.13%	0.105%
24	13.410	1714	1721	1731	rBV4	34286	60945	1.21%	0.112%
25	13.563	1739	1747	1757	rBV2	44101	74770	1.49%	0.138%
26	13.774	1777	1783	1790	rBV	412722	623464	12.40%	1.148%
27	13.980	1814	1818	1825	rVB2	120657	185521	3.69%	0.342%
28	14.363	1877	1883	1892	rBV	1493188	2199031	43.74%	4.049%
29	14.433	1892	1895	1905	rVB	40487	63665	1.27%	0.117%
30	14.662	1927	1934	1941	rBV	1468142	2067732	41.13%	3.807%
31	14.962	1978	1985	2003	rVB2	813859	1243667	24.74%	2.290%
32	15.157	2012	2018	2035	rVB	112447	207561	4.13%	0.382%
33	15.439	2062	2066	2072	rBV2	45058	63197	1.26%	0.116%
34	15.945	2145	2152	2161	rBV	1973248	2788531	55.47%	5.134%

LSC Area Percent Report

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Acq On : 08 Jun 2018 16:35
Operator : SJ/JU
Sample : J3261-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM060818MA.M
Title : SVOA CALIBRATION

35	16.068	2167	2173	2185	rBV	759598	1030425	20.50%	1.897%
36	17.686	2442	2448	2454	rBV	1113539	1577242	31.38%	2.904%
37	17.780	2458	2464	2475	rBV2	2243014	3256404	64.78%	5.995%
38	18.515	2585	2589	2598	rBV2	47933	66022	1.31%	0.122%
39	18.639	2605	2610	2616	rVB4	44878	67373	1.34%	0.124%
40	19.027	2667	2676	2682	rBV	2200360	2930467	58.30%	5.395%
41	19.150	2693	2697	2704	rVB2	100693	134376	2.67%	0.247%
42	19.350	2728	2731	2735	rVV5	62370	85701	1.70%	0.158%
43	19.762	2797	2801	2808	rBV	57617	75787	1.51%	0.140%
44	20.033	2841	2847	2859	rBV	3042668	4037749	80.32%	7.434%
45	21.786	3140	3145	3151	rBV	1670092	2126519	42.30%	3.915%
46	24.050	3523	3530	3540	rVB	2440067	4775405	95.00%	8.792%
47	24.203	3549	3556	3567	rVB	1166280	2303120	45.82%	4.240%

Sum of corrected areas: 54315757

LSC Report - Integrated Chromatogram

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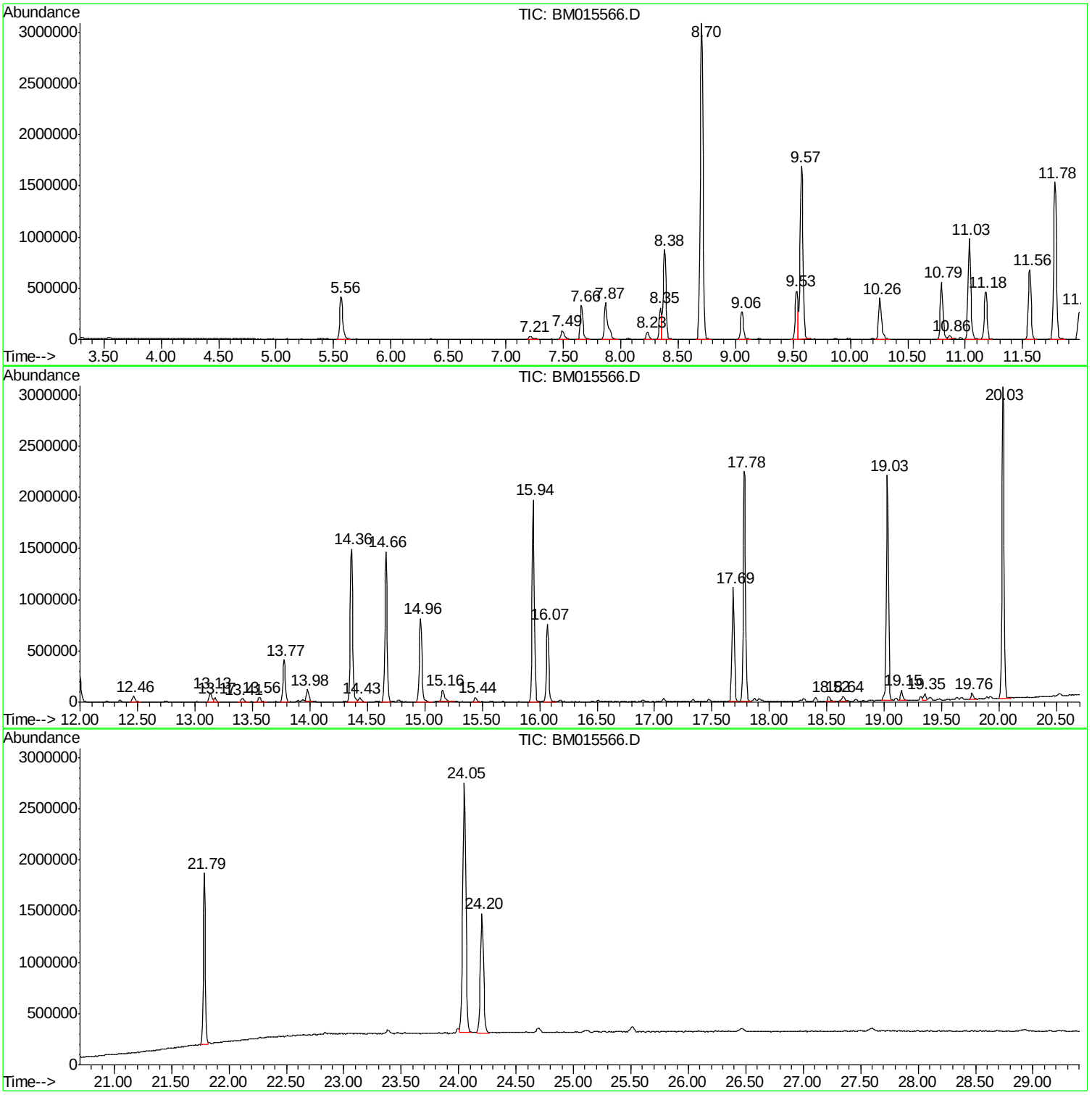
Operator : SJ/JU
Sample : J3261-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015566.D
Acq On : 08 Jun 2018 16:35
Operator : SJ/JU
Sample : J3261-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

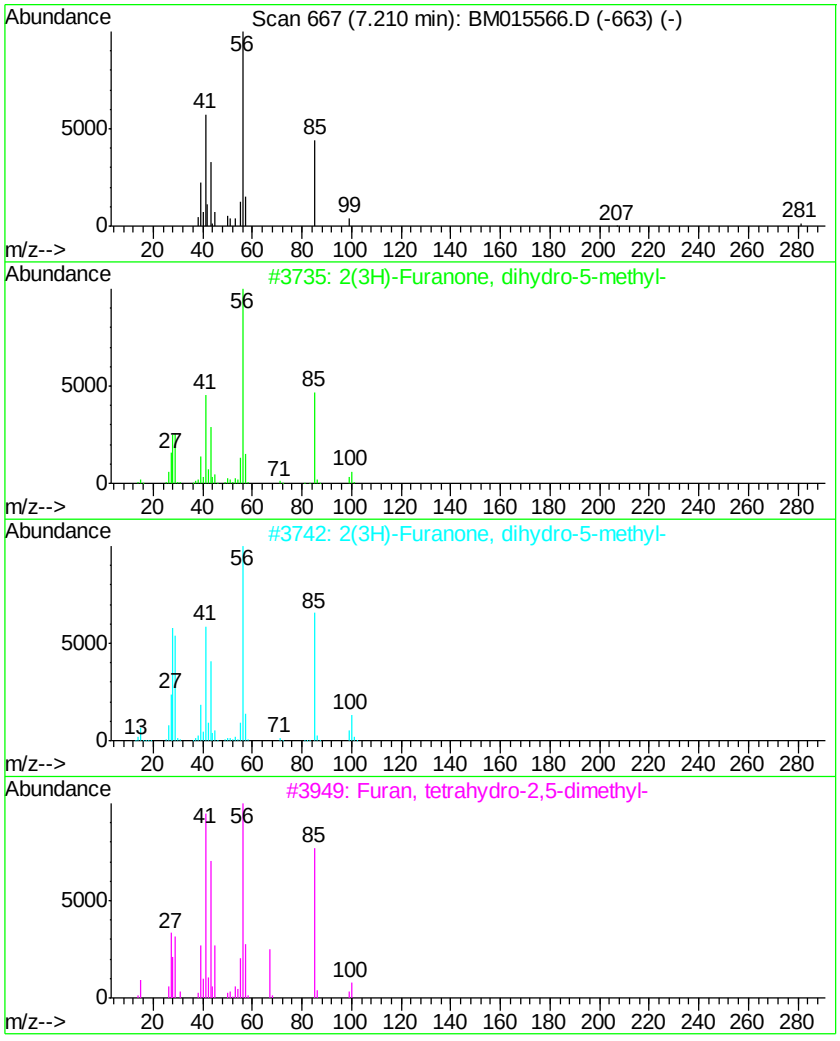
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

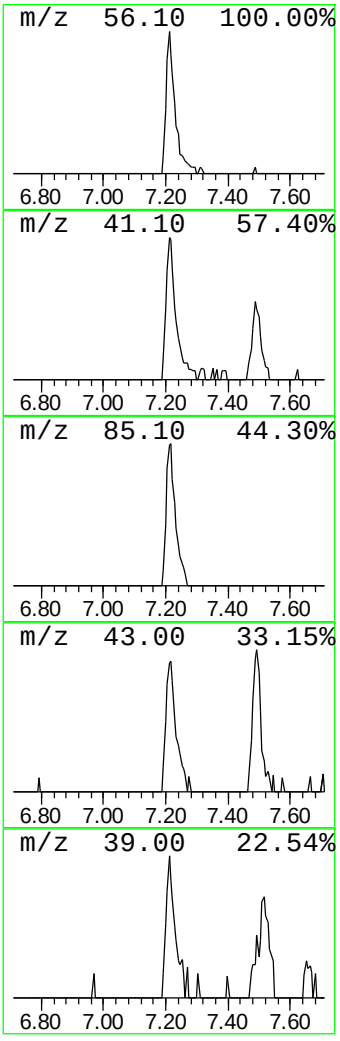
****

Peak Number 2 2(3H)-Furanone, dihydro-5-m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	2.65 ng/ul	61033	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	72
2	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	72
3	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	40
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	40
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015566.D
Acq On : 08 Jun 2018 16:35
Operator : SJ/JU
Sample : J3261-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

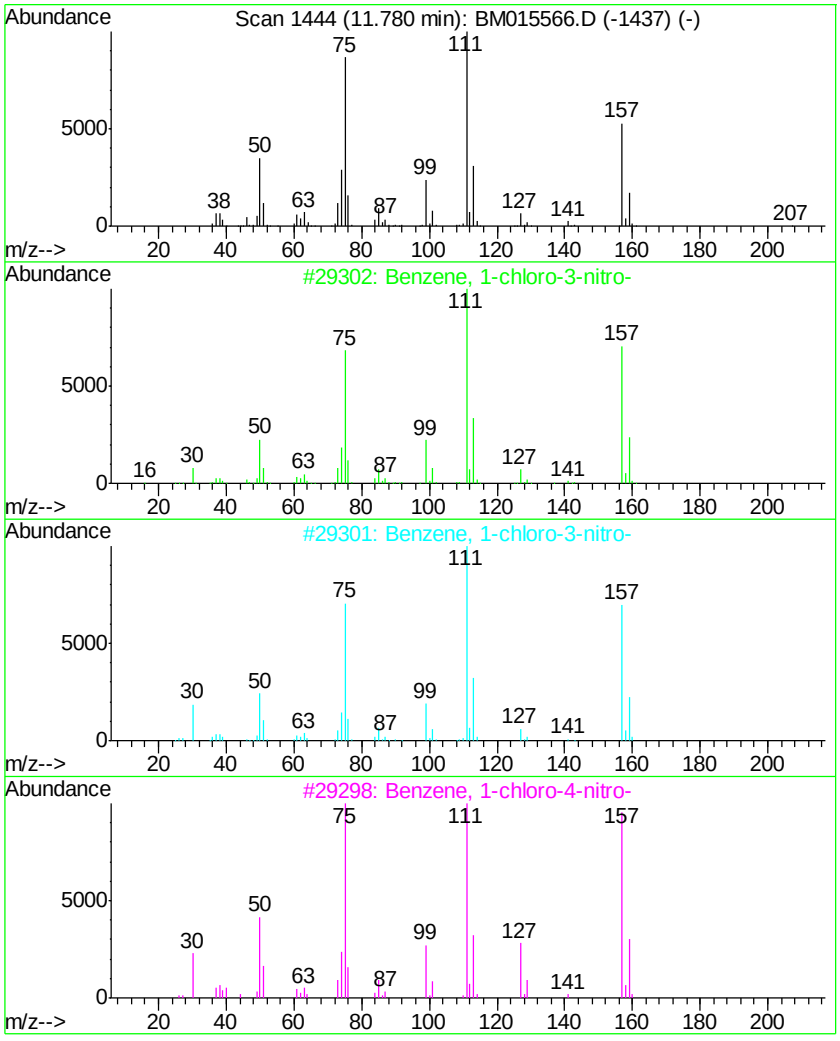
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

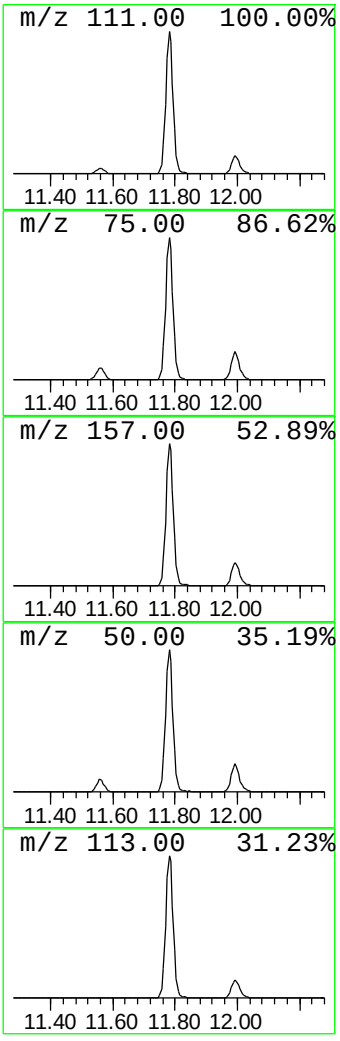
****

Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	63.68 ng/ul	2547790	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015566.D
Acq On : 08 Jun 2018 16:35
Operator : SJ/JU
Sample : J3261-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

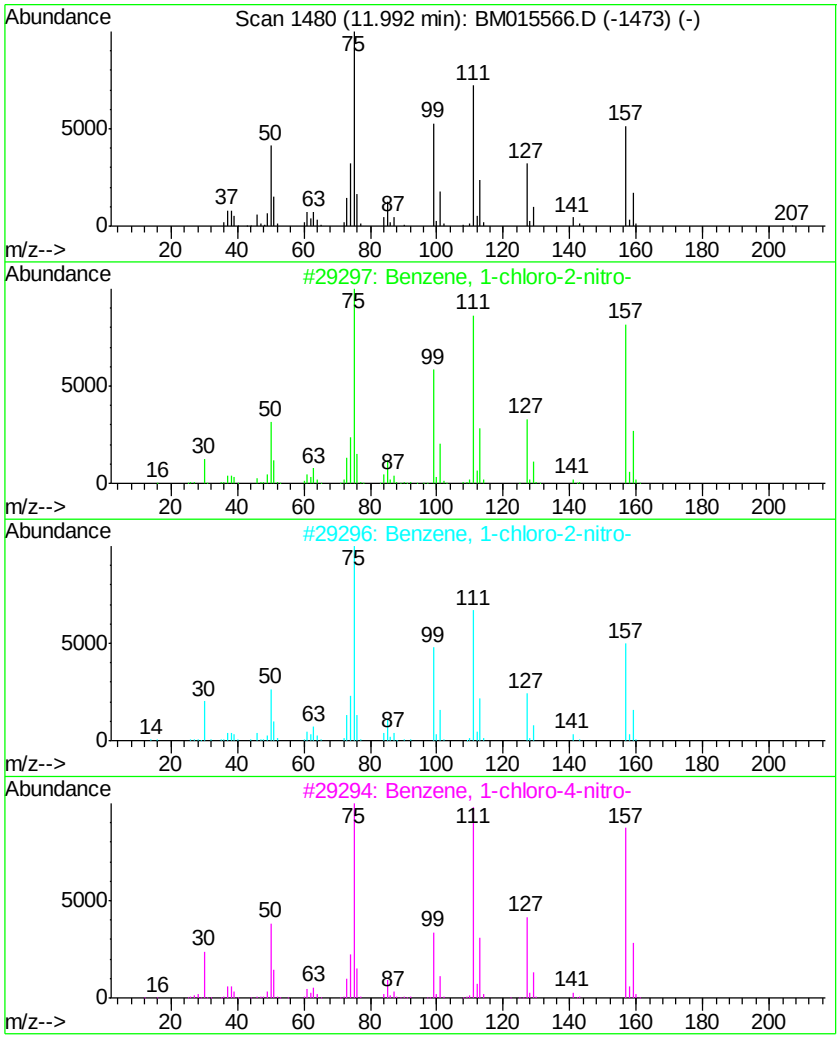
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

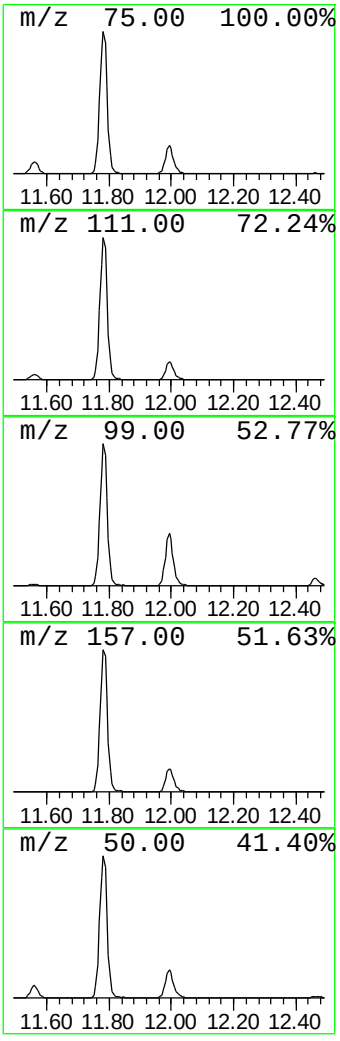
****

Peak Number 8 Benzene, 1-chloro-4-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	14.00 ng/ul	560074	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015566.D
Acq On : 08 Jun 2018 16:35
Operator : SJ/JU
Sample : J3261-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

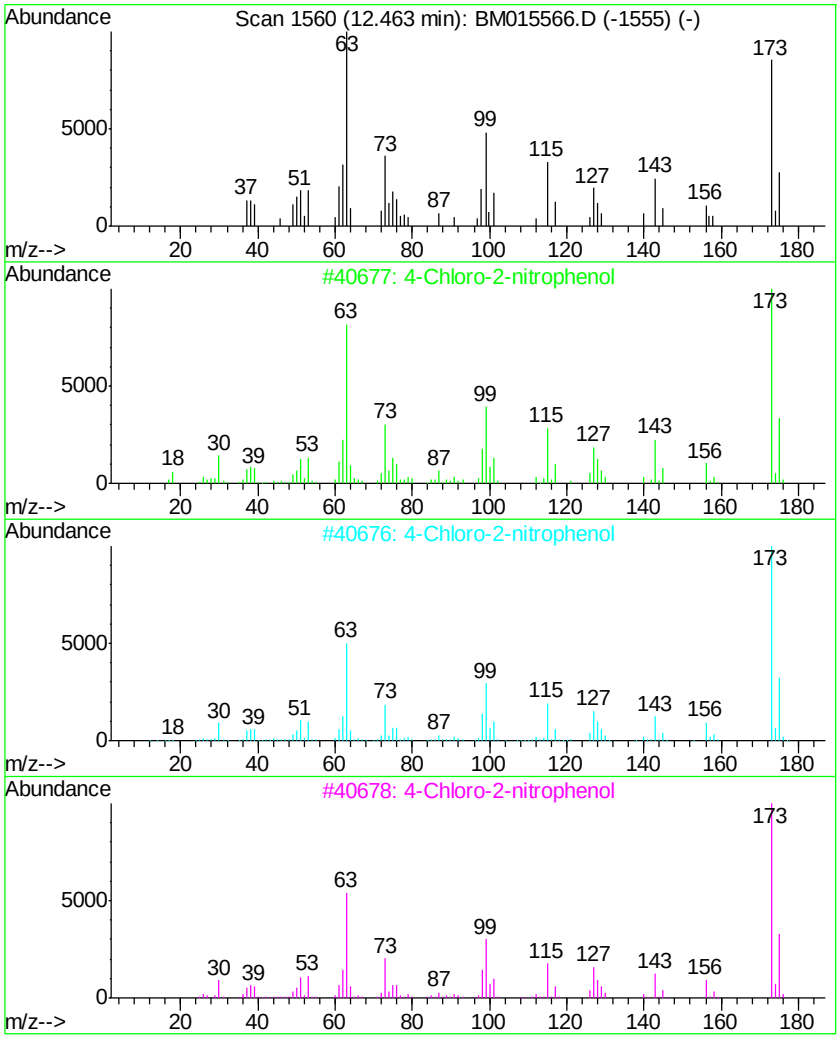
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

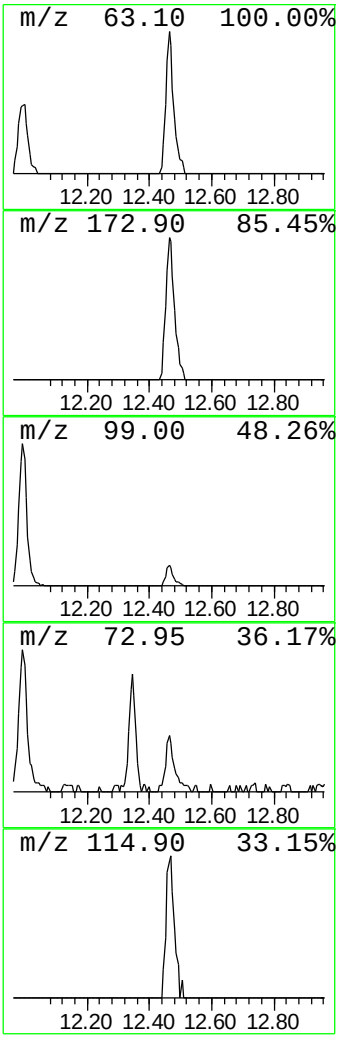
****

Peak Number 9 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.37 ng/ul	94653	Naphthalene-d8	11.18

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	95
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	95
4	3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	86
5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	78





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C07Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

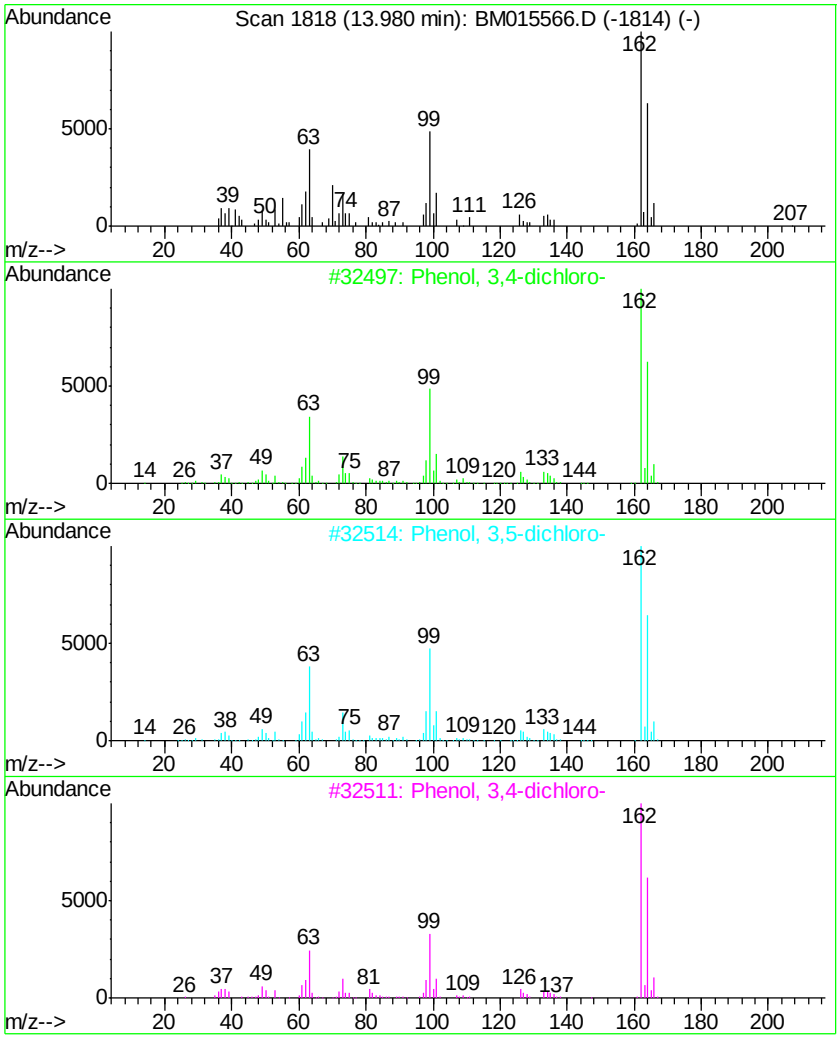
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

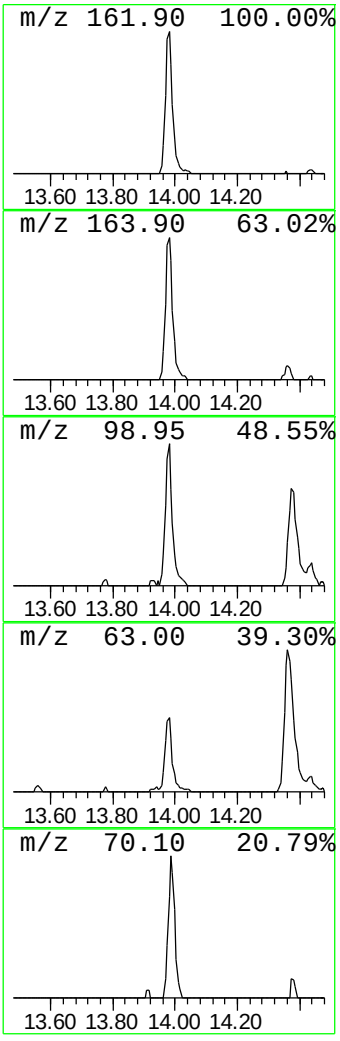
****

Peak Number 10 Phenol, 3,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.98 ng/ul	185521	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	94





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Quant Title : SVOA CALIBRATION

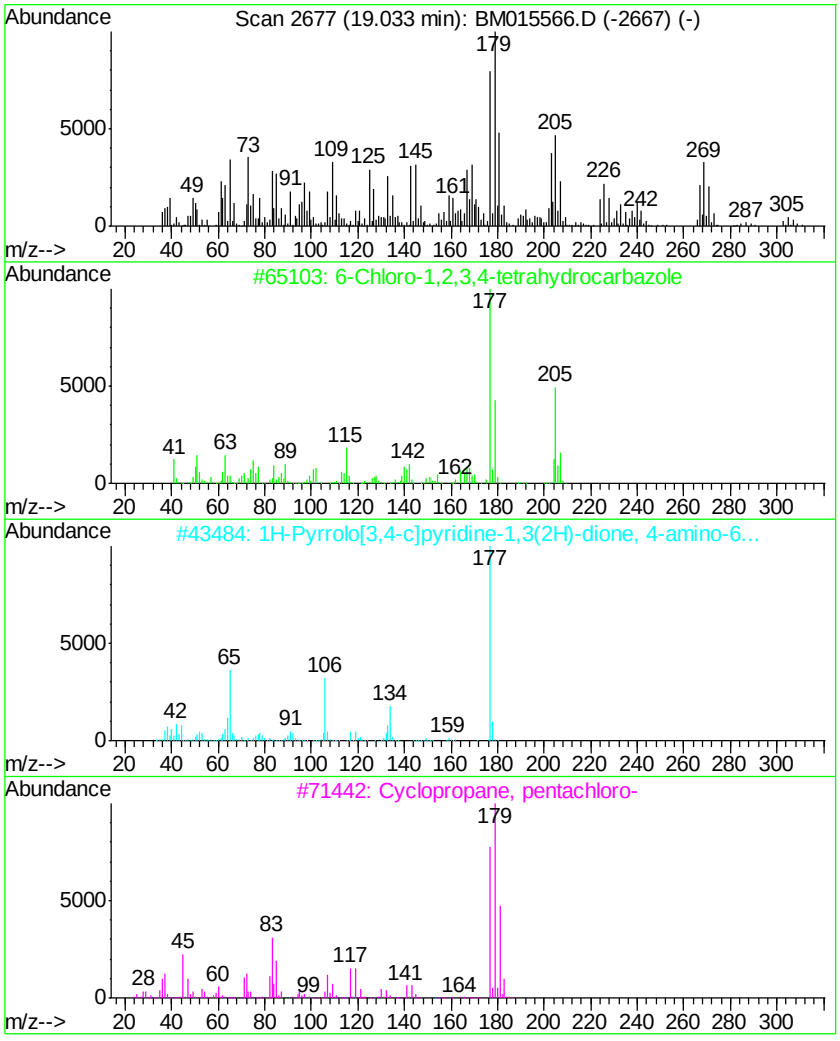
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

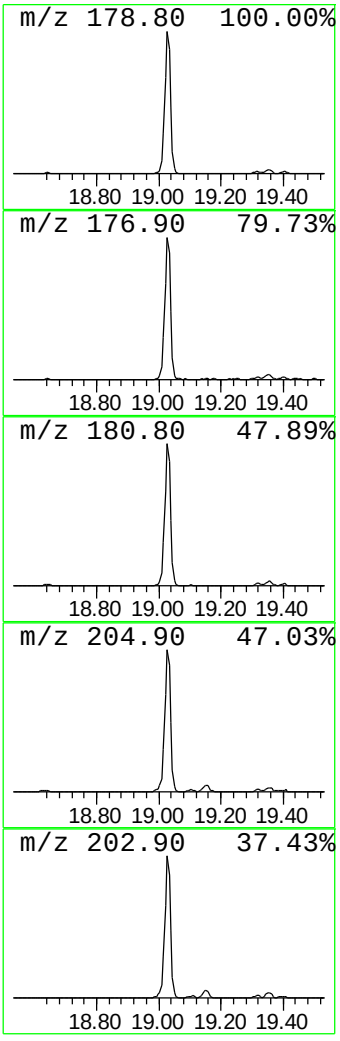
****

Peak Number 11 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	37.16 ng/ul	2930470	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	35
2	1H-Pyrrolo[3,4-c]pyridine-1,3(2H...	177	C8H7N3O2	090004-20-9	32
3	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	25
4	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	25
5	Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	14





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2(3H)-Furanone, d...	7.21	2.6	ng/ul	61033	1	8.35	459775	20.0
Benzene, 1-chloro...	11.78	63.7	ng/ul	2547790	2	11.18	800237	20.0
Benzene, 1-chloro...	11.99	14.0	ng/ul	560074	2	11.18	800237	20.0
4-Chloro-2-nitrop...	12.46	2.4	ng/ul	94653	2	11.18	800237	20.0
Phenol, 3,4-dichl...	13.98	3.0	ng/ul	185521	3	14.96	1243670	20.0
unknown-01	19.03	37.2	ng/ul	2930470	4	17.69	1577240	20.0