

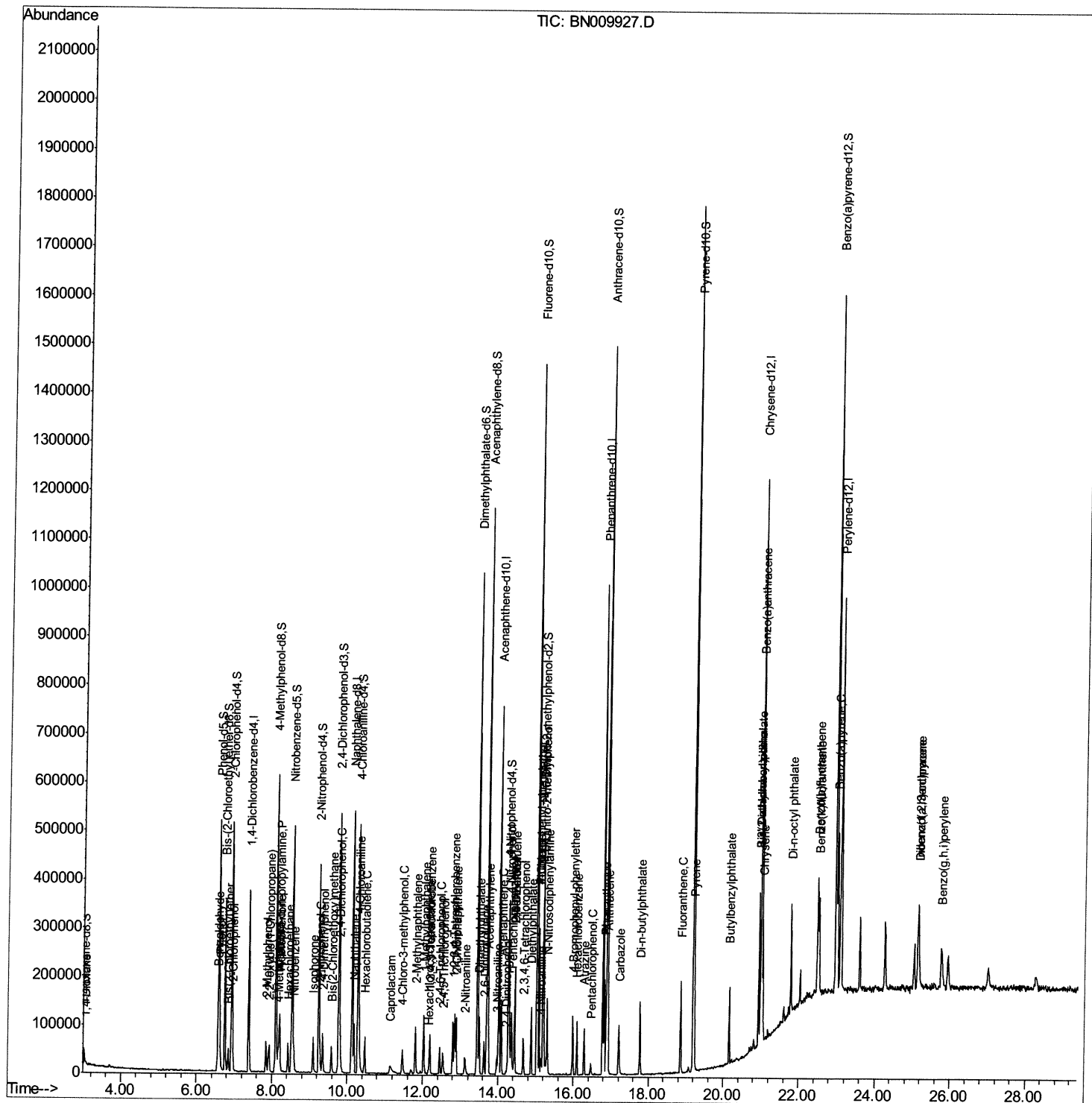
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Data Path   : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022620\  
Data File  : BN009927.D  
Acq On     : 26 Feb 2020   13:54  
Operator   : CG/JU  
Sample     : K5695-05  
Misc       : ME-SOIL-MDL-05  
ALS Vial   : 8      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED

mohammad
2/27/2020 4:57:08 PM

Quant Time: Feb 26 14:41:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

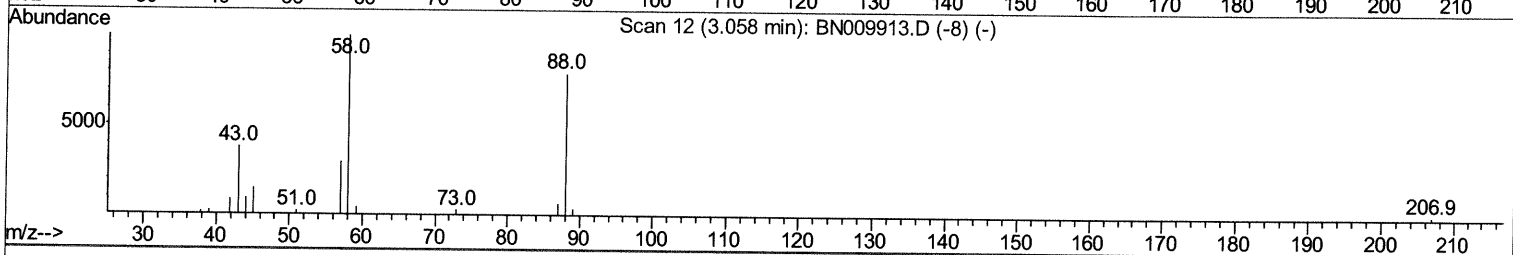
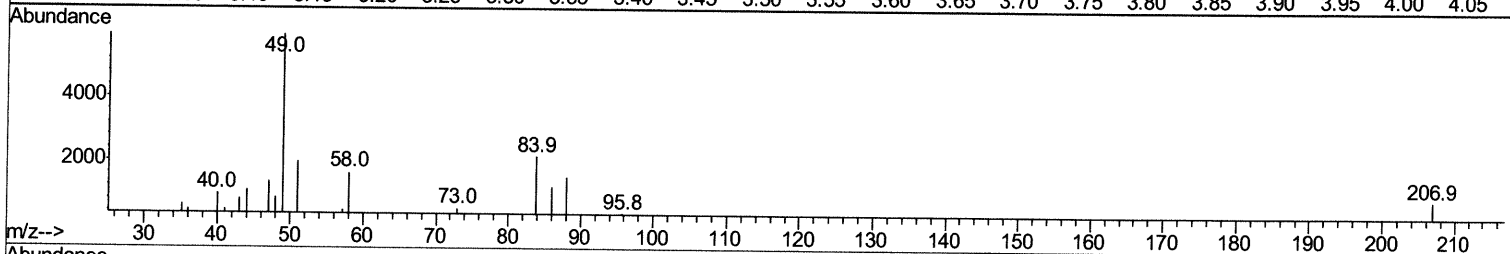
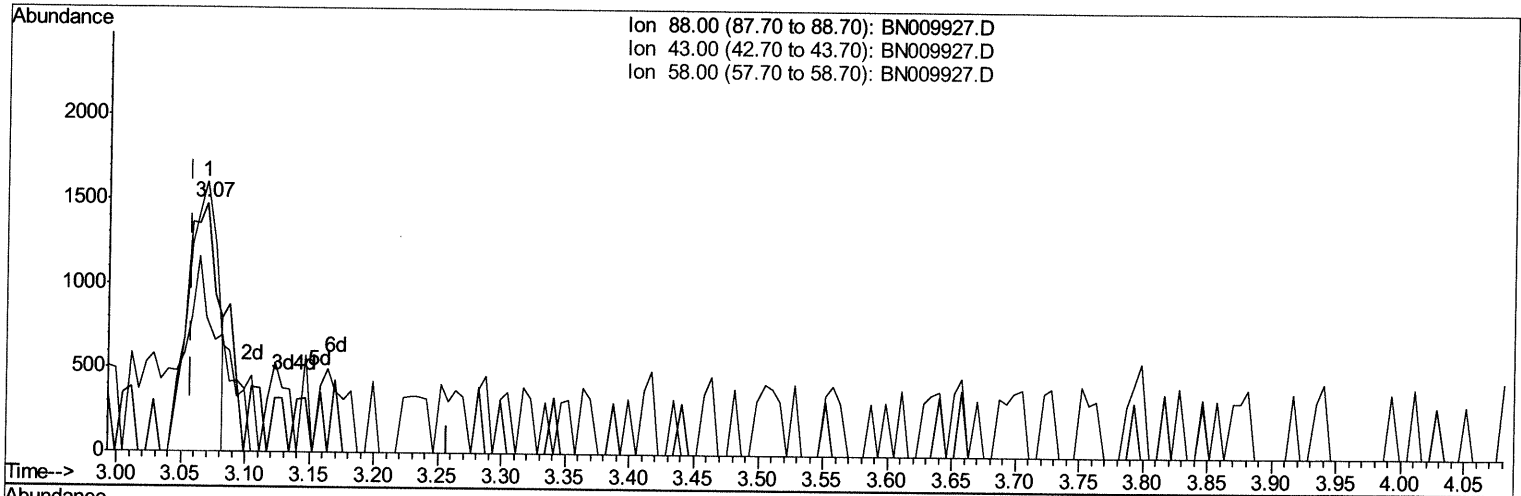
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022620\
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Manual Integrations
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Quant Time: Feb 26 14:39:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration



TIC: BN009927.D

(2) 1,4-Dioxane

3.070min (+0.012) 1.02ng/uL

response 2453

Ion	Exp%	Act%
88.00	100	100
43.00	55.90	54.04
58.00	120.20	108.76
0.00	0.00	0.00

Quantitation Report (Qedit)

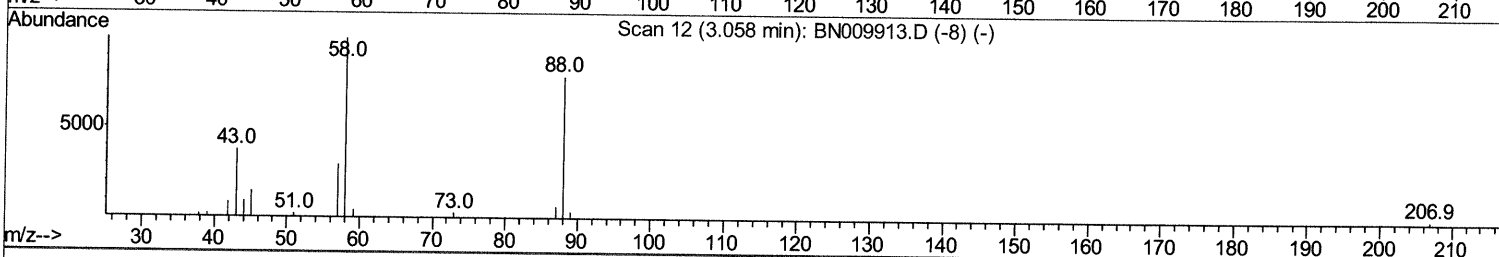
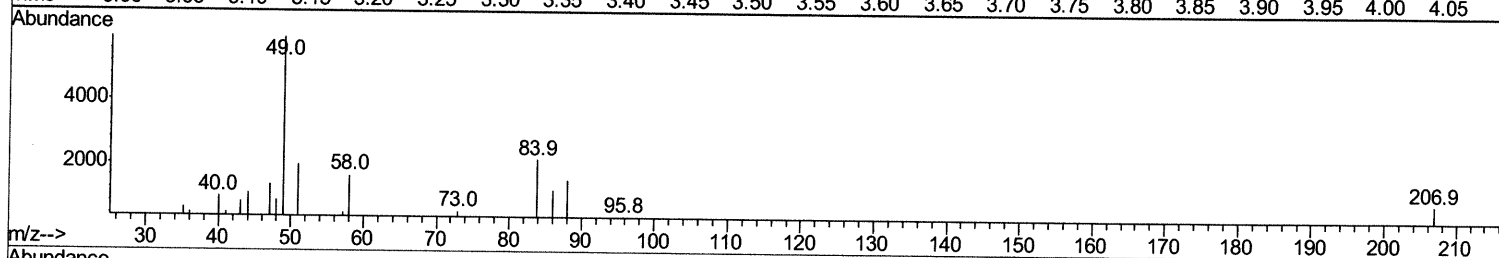
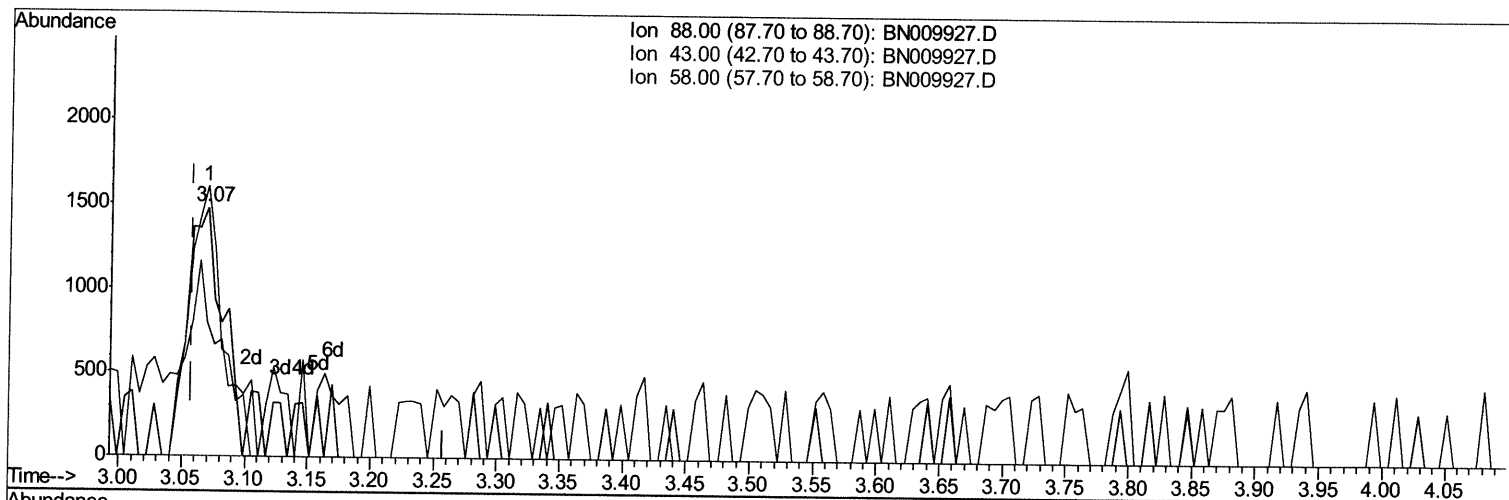
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Data File : BN009927.D
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Operator : CG/JU
Sample : K5695-05
Misc : ME-SOIL-MDL-05
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BN009927.D

(2) 1,4-Dioxane

3.070min (+0.012) 1.21ng/uL m JU 02/27/20

response 2906

Ion	Exp%	Act%
88.00	100	100
43.00	55.90	54.04
58.00	120.20	108.76
0.00	0.00	0.00

Quantitation Report (Qedit)

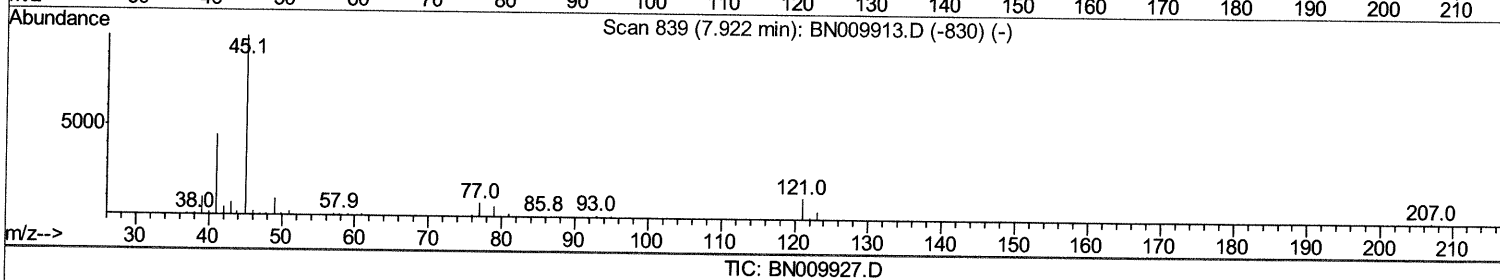
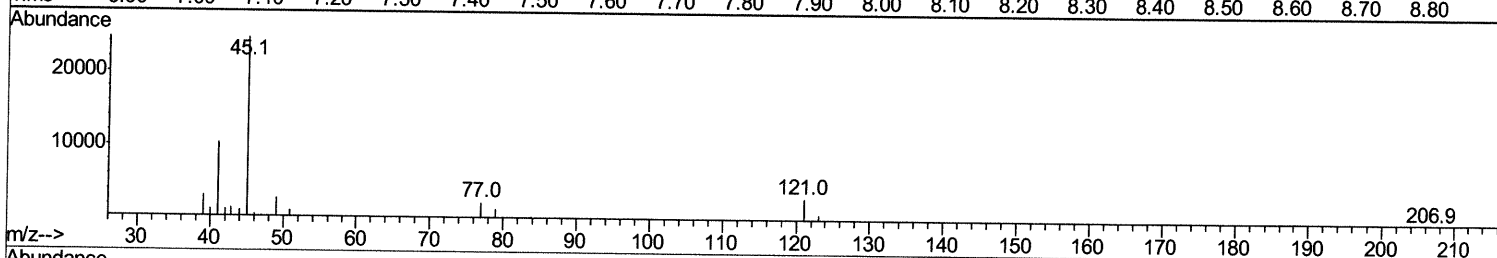
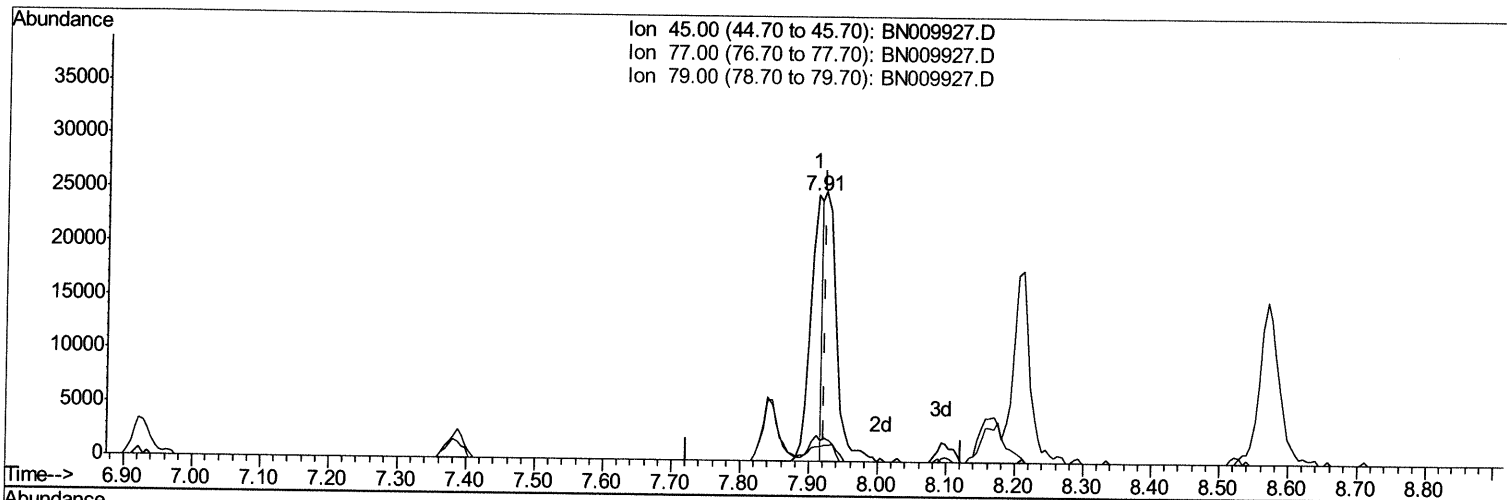
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(12) 2,2'-oxybis(1-Chloropropane)

7.910min (-0.012) 2.02ng/ul

response 30591

Ion	Exp%	Act%
45.00	100	100
77.00	7.90	9.60#
79.00	6.40	5.75
0.00	0.00	0.00

Quantitation Report (Qedit)

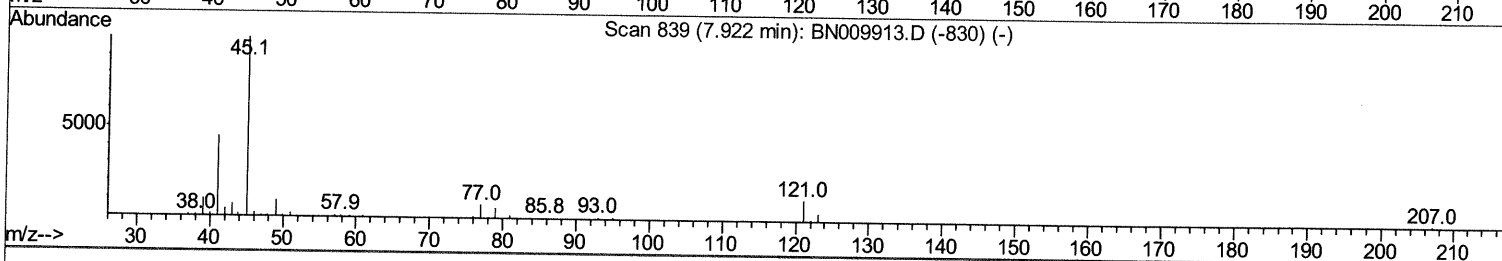
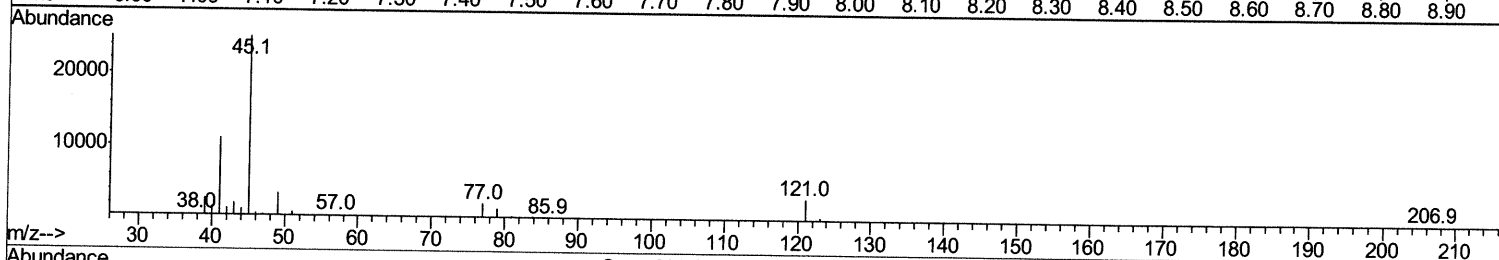
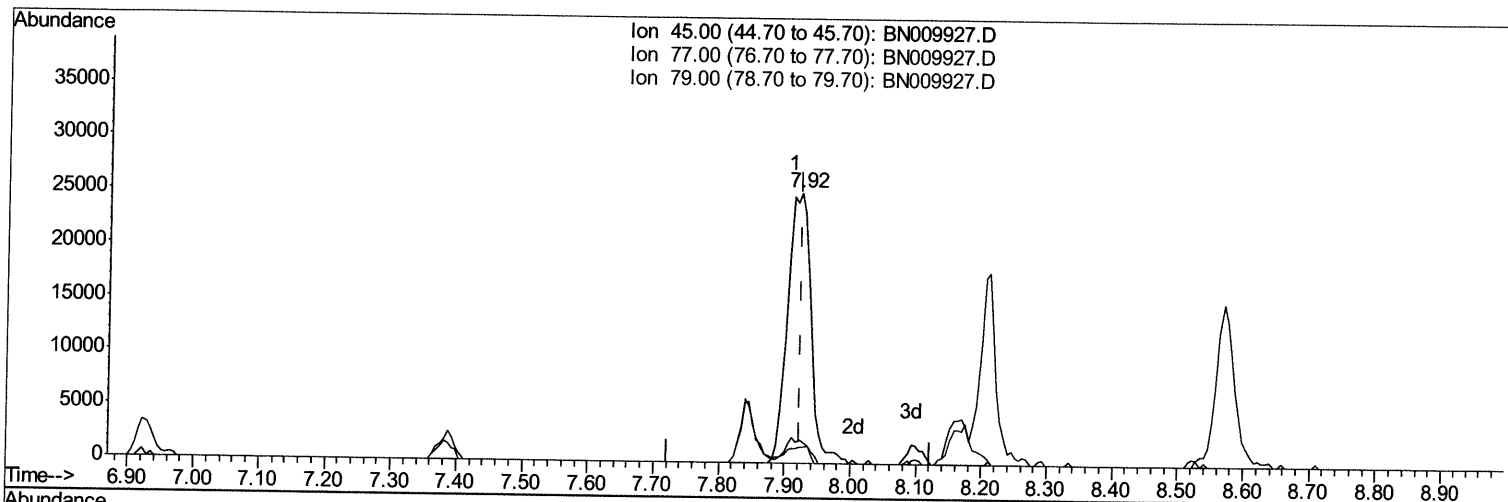
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Instrument :
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Manual Integrations
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TIC: BN009927.D

(12) 2,2'-oxybis(1-Chloropropane)

7.922min (+0.000) 4.09ng/ul m JU 02/27/20

response 61942

Ion	Exp%	Act%
45.00	100	100
77.00	7.90	8.73
79.00	6.40	5.93
0.00	0.00	0.00

Quantitation Report (Qedit)

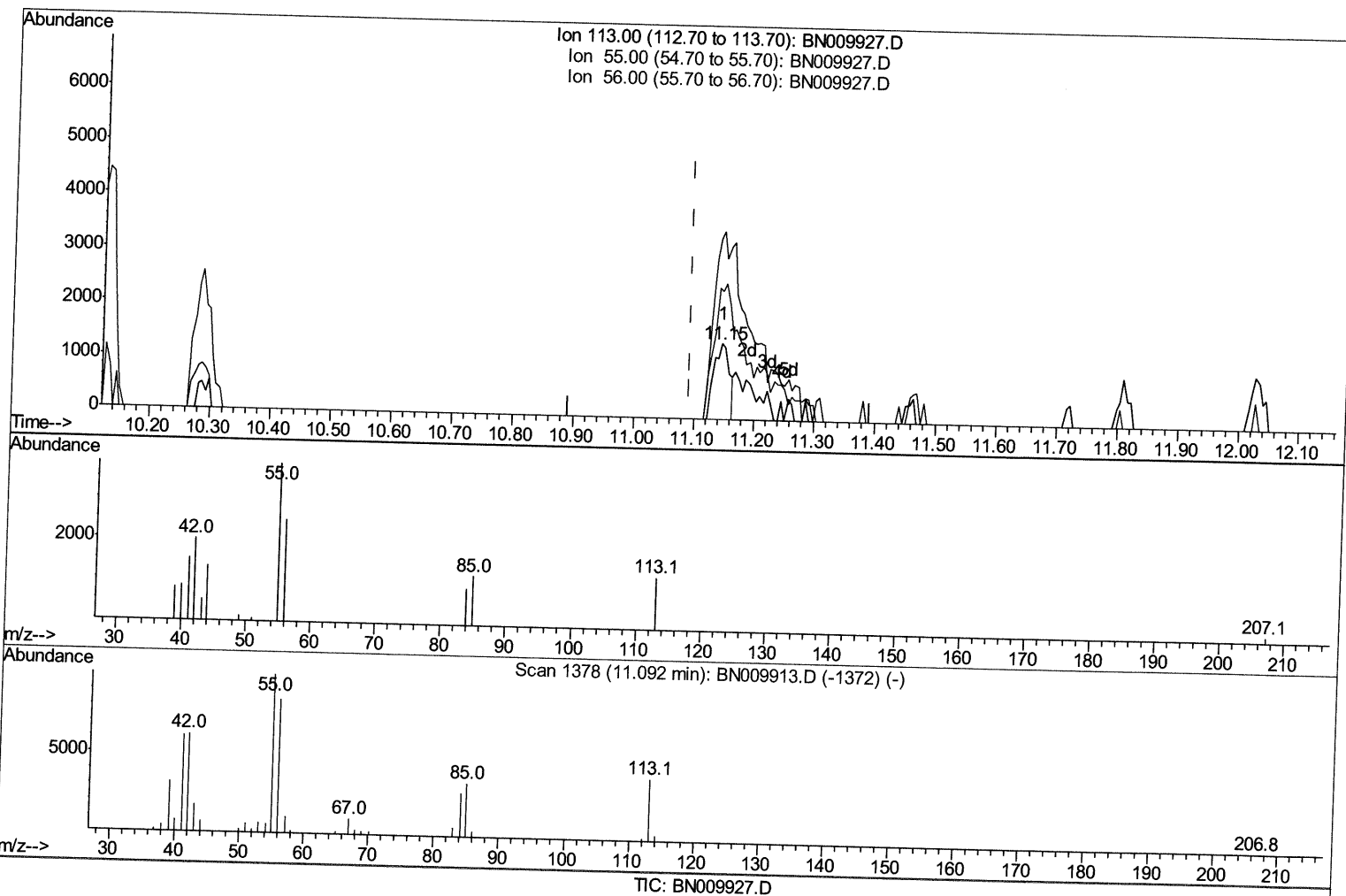
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Instrument :
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ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(32) Caprolactam

11.146min (+0.053) 1.33ng/ul

response 2570

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	248.44
56.00	202.00	169.96
0.00	0.00	0.00

Quantitation Report (Qedit)

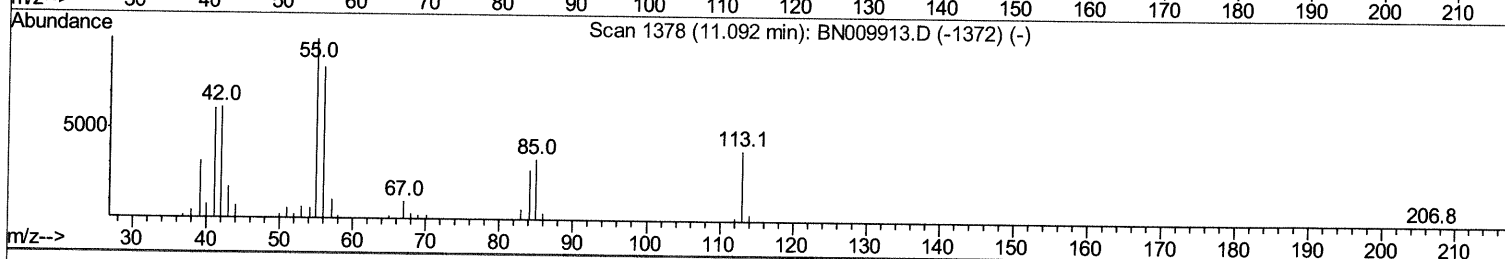
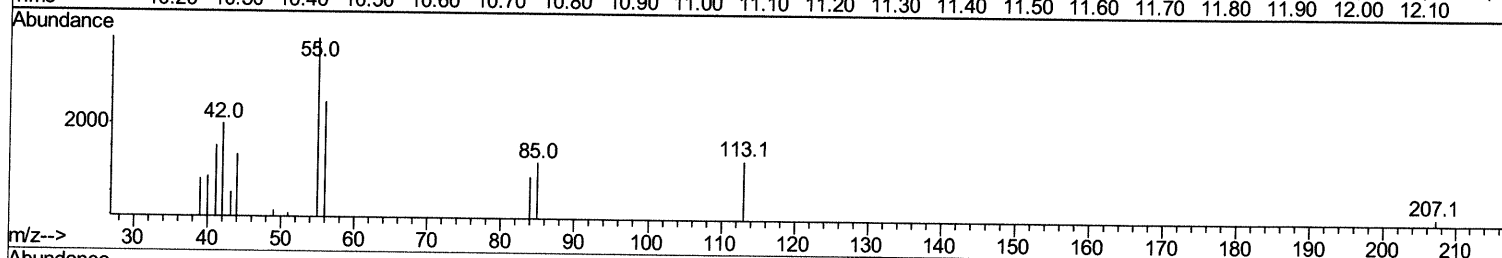
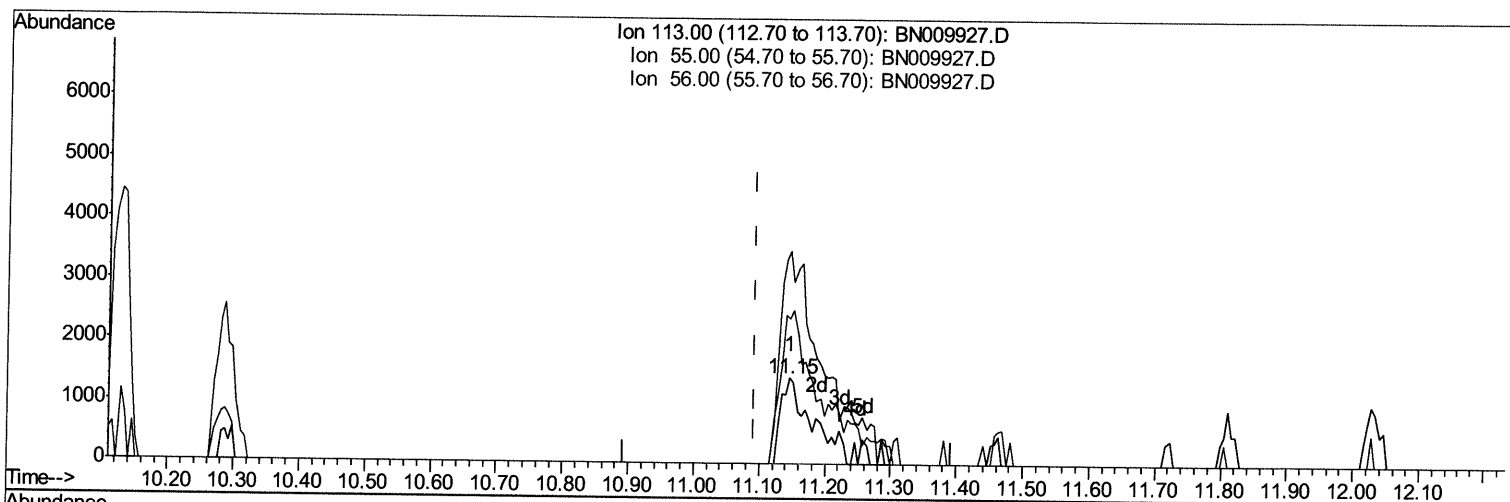
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Misc : ME-SOIL-MDL-05
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Instrument :
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Manual Integrations
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Response via : Initial Calibration



TIC: BN009927.D

(32) Caprolactam

11.146min (+0.053) 2.44ng/ul m JU02/27/20

response 4707

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	248.44
56.00	202.00	169.96
0.00	0.00	0.00

Quantitation Report (Qedit)

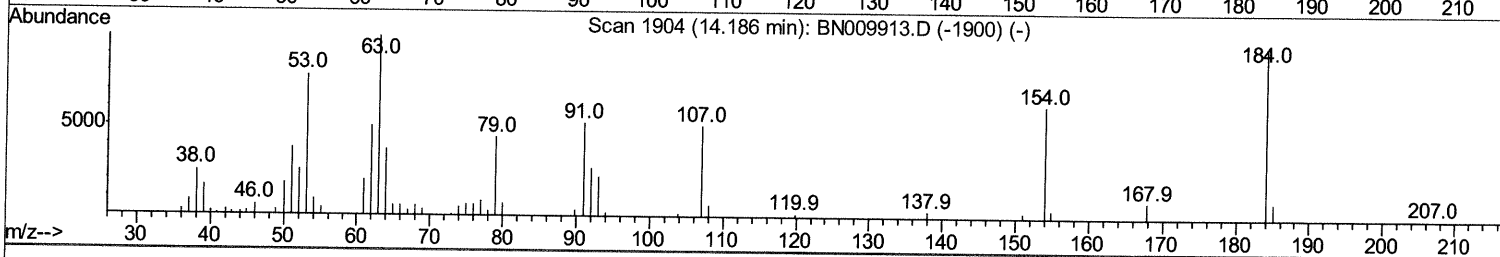
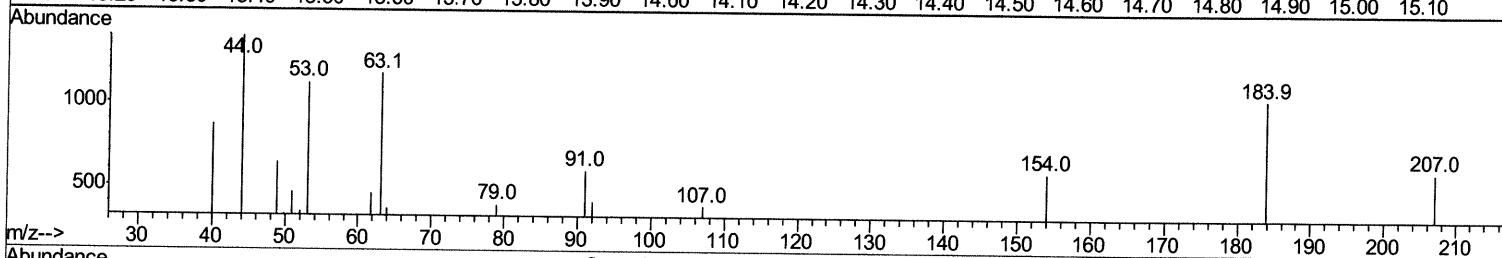
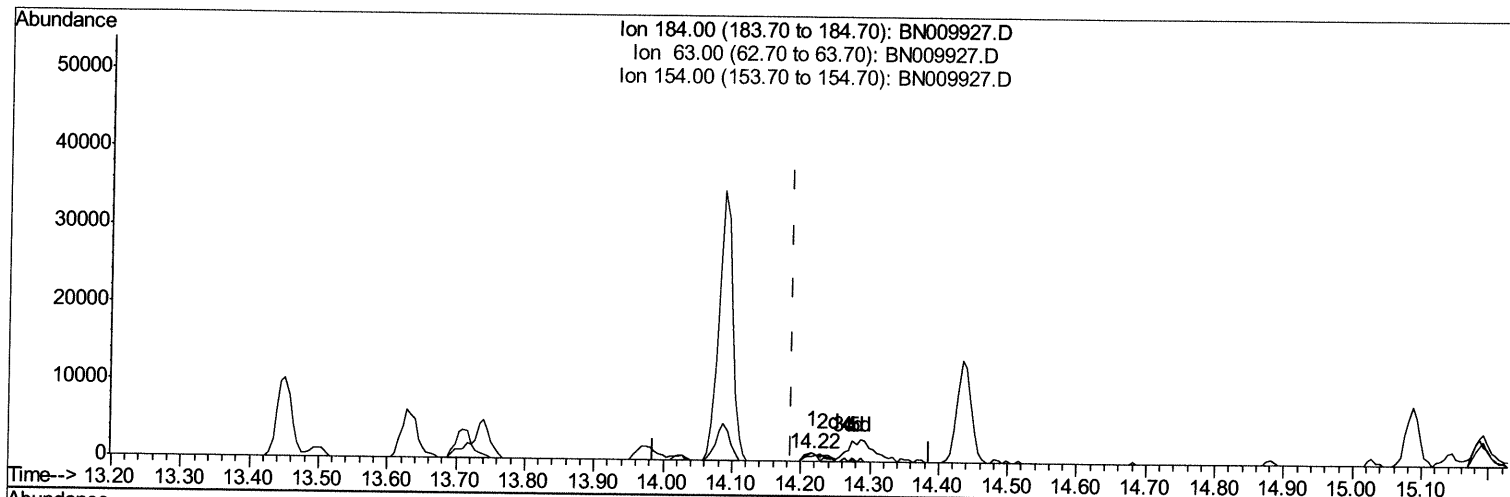
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 Misc : ME-SOIL-MDL-05
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Instrument :
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Manual Integrations
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TIC: BN009927.D

(51) 2,4-Dinitrophenol

14.216min (+0.030) 0.73ng/ul

response 1539

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	112.93
154.00	68.60	57.18
0.00	0.00	0.00

Quantitation Report (Qedit)

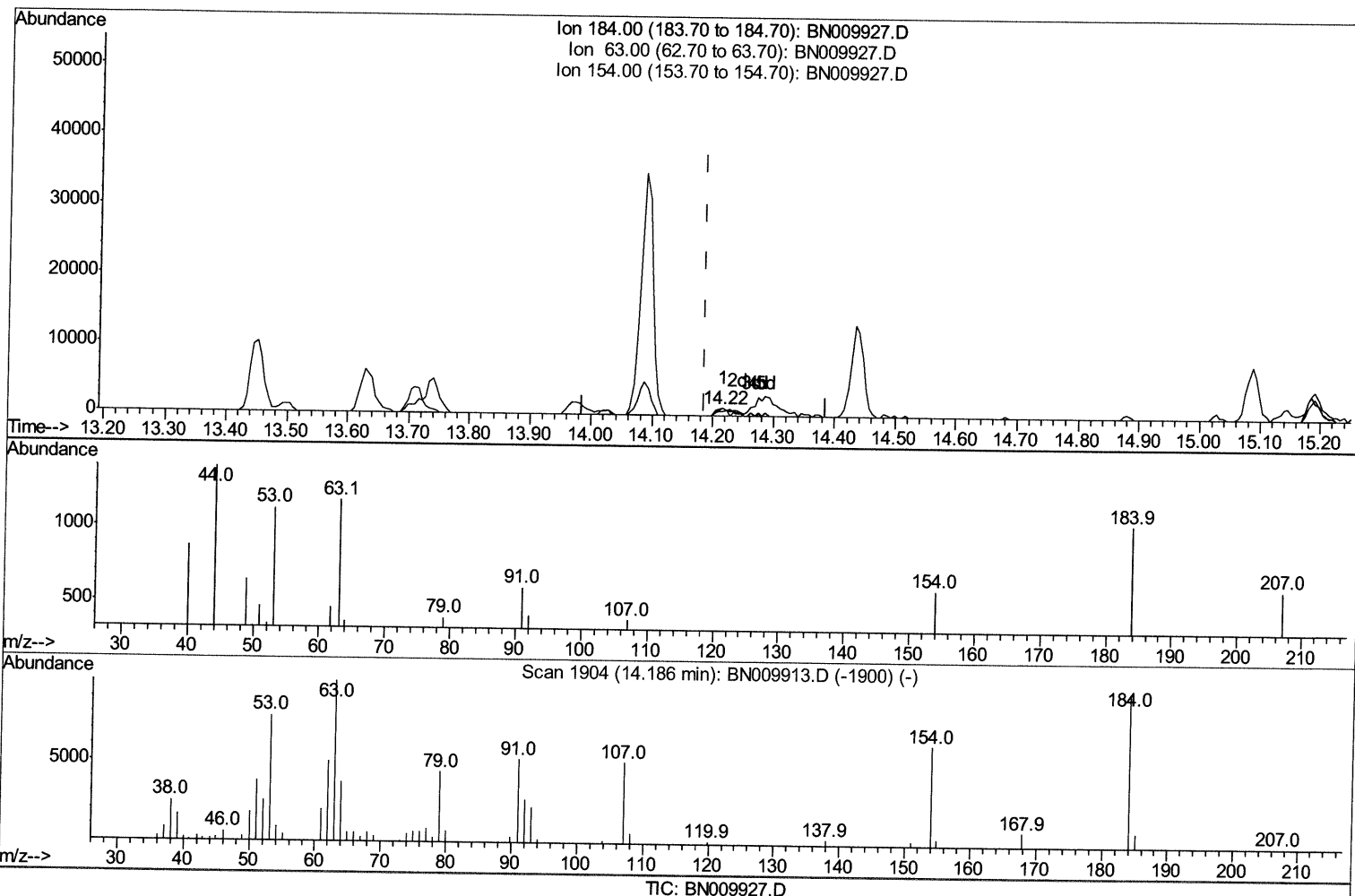
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Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



(51) 2,4-Dinitrophenol

14.216min (+0.030) 1.06ng/ul m JU02/27/20

response 2230

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	112.93
154.00	68.60	57.18
0.00	0.00	0.00

Quantitation Report (Qedit)

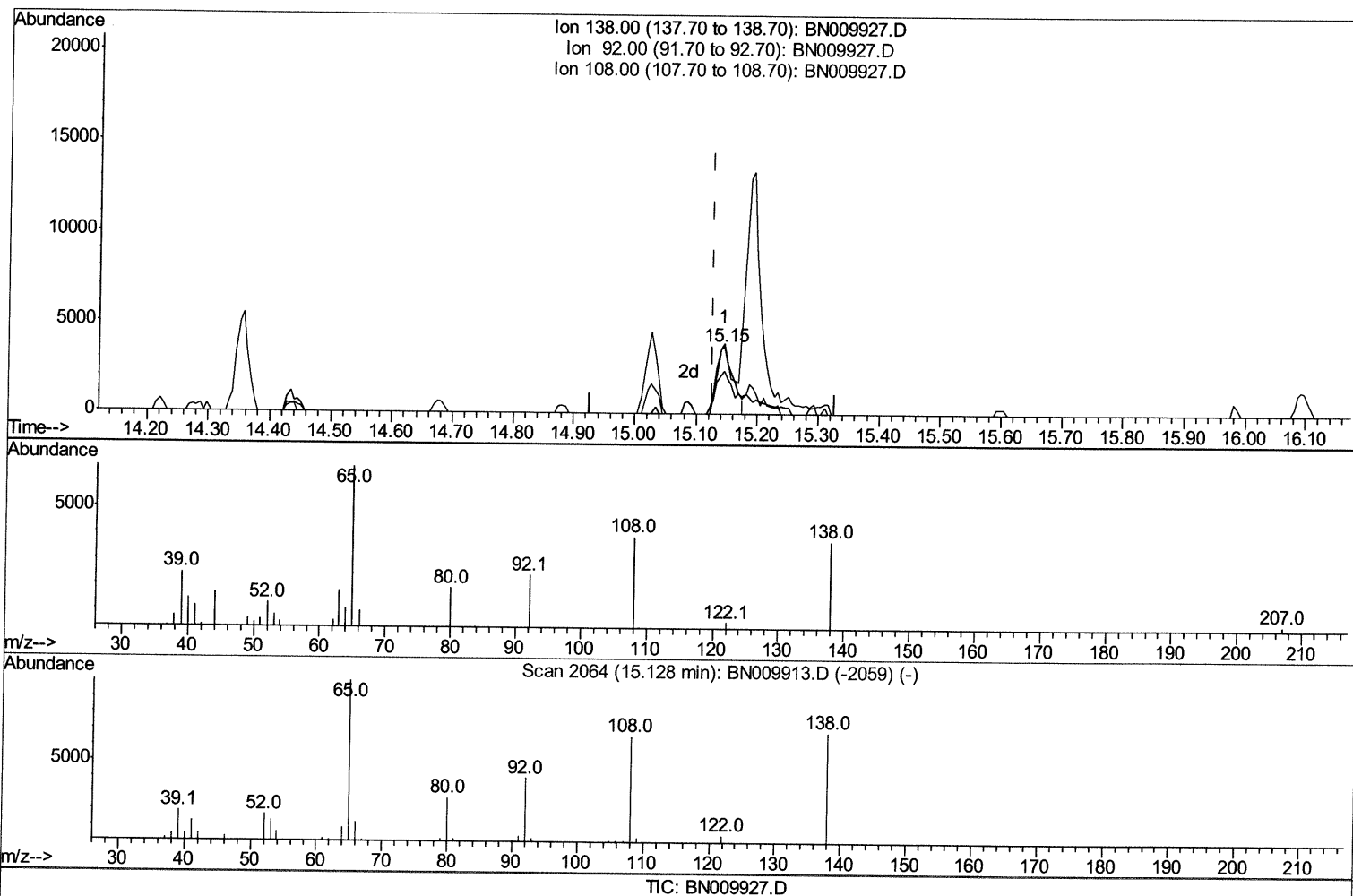
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Instrument :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



(61) 4-Nitroaniline

15.145min (+0.018) 1.64ng/ul

response 6768

Ion	Exp%	Act%
138.00	100	100
92.00	59.70	63.83
108.00	90.40	104.95
0.00	0.00	0.00

Quantitation Report (Qedit)

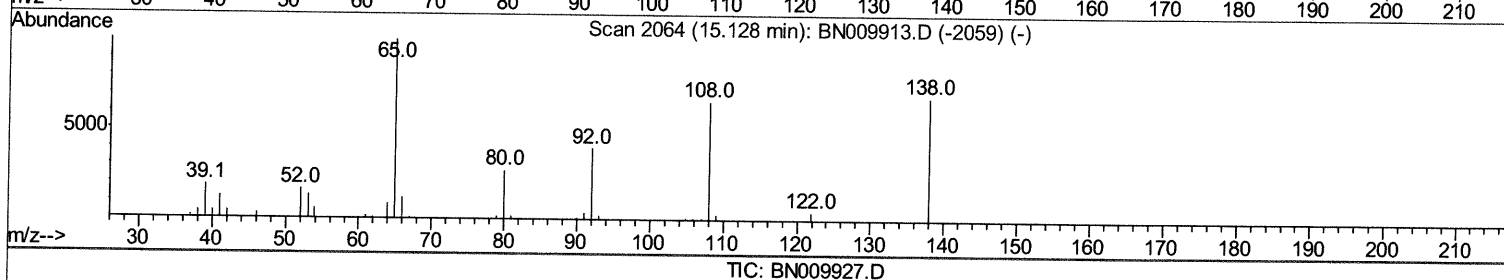
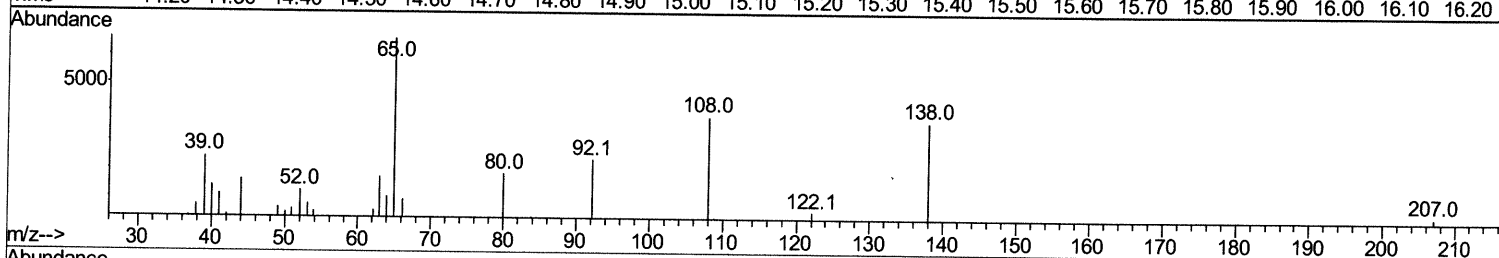
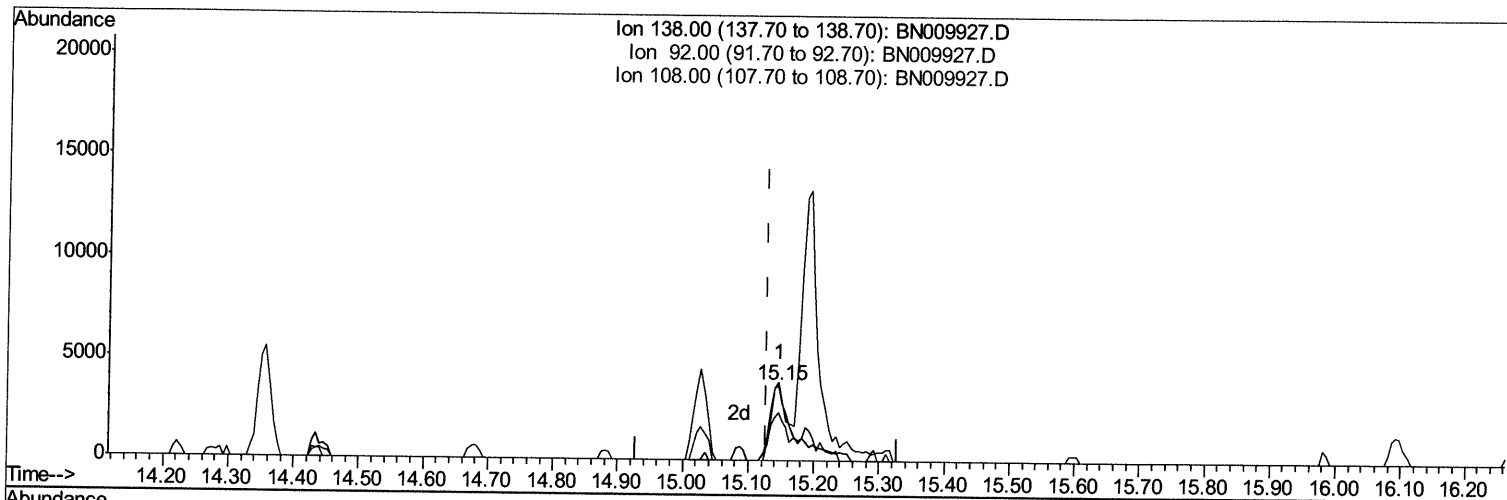
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Manual Integrations
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TIC: BN009927.D

(61) 4-Nitroaniline

15.145min (+0.018) 2.30ng/ul m JU02/27/20

response 9508

Ion	Exp%	Act%
138.00	100	100
92.00	59.70	63.83
108.00	90.40	104.95
0.00	0.00	0.00

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Instrument :
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 ClientSampled :
 MDL-SOIL-05

Manual Integrations
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Quant Time: Feb 26 14:41:44 2020

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Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 26 07:56:07 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	86250	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	370854	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	240817	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	518149	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	516316	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	533528	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	11011	5.25	ng/uL	0.00
5) Phenol-d5	6.59	99	230940	31.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	168969	33.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	183767	33.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	188214	32.25	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	89190	32.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	99758	33.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	178541	31.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	255125	39.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	597493	33.22	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	725057	34.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	79180	24.10	ng/ul	0.00
58) Fluorene-d10	15.03	176	501581	32.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	81725	25.39	ng/ul	0.00
71) Anthracene-d10	16.88	188	788996	33.22	ng/ul	0.00
79) Pyrene-d10	19.19	212	863095	31.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	847097	31.79	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.07	88	2906m >	1.206 ng/uL >	7402/2/20
4) Benzaldehyde	6.56	77	20494	4.201 ng/ul	85
6) Phenol	6.62	94	26928	3.425 ng/ul	94
8) Bis(2-Chloroethyl)ether	6.83	93	22376	3.621 ng/ul	97
10) 2-Chlorophenol	6.96	128	20009	3.439 ng/ul	93
11) 2-Methylphenol	7.85	108	18172	3.159 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	61942m >	4.089 ng/ul >	7402/2/20
14) Acetophenone	8.20	105	32461	3.414 ng/ul	94
15) N-Nitroso-di-n-propylamine	8.19	70	17502	3.522 ng/ul	91
16) 4-Methylphenol	8.16	108	21454	3.399 ng/ul	82
17) Hexachloroethane	8.43	117	9382	3.545 ng/ul	92
20) Nitrobenzene	8.57	77	29770	3.724 ng/ul	97
21) Isophorone	9.09	82	45323	3.221 ng/ul	99
23) 2-Nitrophenol	9.27	139	11937	3.594 ng/ul	91
24) 2,4-Dimethylphenol	9.35	107	24615	3.414 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.58	93	29465	3.426 ng/ul	96
27) 2,4-Dichlorophenol	9.80	162	19924	3.461 ng/ul	87
28) Naphthalene	10.18	128	71200	3.560 ng/ul	98
30) 4-Chloroaniline	10.31	127	26759	4.076 ng/ul	99
31) Hexachlorobutadiene	10.46	225	14064	3.653 ng/ul	88
32) Caprolactam	11.15	113	4707m >	2.438 ng/ul >	7402/2/20
33) 4-Chloro-3-methylphenol	11.46	107	19918	3.026 ng/ul	89
34) 2-Methylnaphthalene	11.81	142	47462	3.418 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	50616	3.636	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	24810	3.476	ng/uL	98
38) Hexachlorocyclopentadiene	12.16	237	3003	0.972	ng/uL#	77
39) 2,4,6-Trichlorophenol	12.45	196	12517	2.763	ng/uL	97
40) 2,4,5-Trichlorophenol	12.54	196	14697	3.024	ng/uL	97
41) 1,1'-Biphenyl	12.85	154	65410	3.536	ng/uL	97
42) 2-Chloronaphthalene	12.89	162	50928	3.467	ng/uL	95
43) 2-Nitroaniline	13.12	65	14231	2.649	ng/uL	87
45) Dimethylphthalate	13.50	163	65441	3.487	ng/uL	97
46) 2,6-Dinitrotoluene	13.63	165	10491	2.855	ng/uL#	82
48) Acenaphthylene	13.74	152	81831	3.569	ng/uL	98
49) 3-Nitroaniline	13.97	138	8515	2.510	ng/uL#	96
50) Acenaphthene	14.09	153	57097	3.632	ng/uL	99
51) 2,4-Dinitrophenol	14.22	184	2230m >	1.057	ng/uL >	74 02/27/20
53) 4-Nitrophenol	14.29	109	8149	2.749	ng/uL#	70
54) Dibenzofuran	14.43	168	77204	3.499	ng/uL	98
55) 2,4-Dinitrotoluene	14.43	165	16992	3.120	ng/uL#	73
56) 2,3,4,6-Tetrachlorophenol	14.68	232	12849	3.075	ng/uL#	95
57) Diethylphthalate	14.88	149	63795	3.310	ng/uL	98
59) Fluorene	15.09	166	63621	3.436	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.09	204	32024	3.507	ng/uL	96
61) 4-Nitroaniline	15.15	138	9508m >	2.298	ng/uL >	74 02/27/20
64) 4,6-Dinitro-2-methylphenol	15.20	198	9769	2.817	ng/uL#	58
65) N-Nitrosodiphenylamine	15.31	169	53866	3.504	ng/uL	98
66) 4-Bromophenyl-phenylether	15.99	248	17820	3.437	ng/uL	97
67) Hexachlorobenzene	16.10	284	19232	3.352	ng/uL	96
68) Atrazine	16.28	200	16451	2.821	ng/uL	95
69) Pentachlorophenol	16.47	266	6021	1.816	ng/uL	90
70) Phenanthrene	16.82	178	103887	3.513	ng/uL	98
72) Anthracene	16.92	178	104368	3.453	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	28417	3.754	ng/uL	96
74) Pentachlorobenzene	14.36	250	24978	3.422	ng/uL	96
75) Carbazole	17.20	167	76607	2.878	ng/uL	97
76) Di-n-butylphthalate	17.77	149	94499	2.876	ng/uL	99
77) Fluoranthene	18.86	202	110492	3.190	ng/uL	100
80) Pyrene	19.22	202	127809	3.434	ng/uL	98
81) Butylbenzylphthalate	20.16	149	39483	2.580	ng/uL	95
82) 3,3'-Dichlorobenzidine	20.94	252	31126	2.765	ng/uL	91
83) Benzo(a)anthracene	20.99	228	113814	3.208	ng/uL	95
84) Bis(2-ethylhexyl)phthalate	20.95	149	59861	2.562	ng/uL	98
85) Chrysene	21.04	228	116890	3.346	ng/uL	98
87) Di-n-octyl phthalate	21.79	149	98185	2.431	ng/uL	100
88) Benzo(b)fluoranthene	22.49	252	112443	3.251	ng/uL	98
89) Benzo(k)fluoranthene	22.53	252	110314	3.368	ng/uL	99
91) Benzo(a)pyrene	23.01	252	99993	3.214	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	115552	3.128	ng/uL	95
93) Dibenzo(a,h)anthracene	25.16	278	94317	2.985	ng/uL	98
94) Benzo(a,h,i)perylene	25.77	276	99263	3.205	ng/uL	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022620\
Data File : BN009927.D
Acq On : 26 Feb 2020 13:54
Operator : CG/JU
Sample : K5695-05
Misc : ME-SOIL-MDL-05
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Manual Integrations
APPROVED

mohammad
2/27/2020 4:57:08 PM

Quant Time: Feb 26 14:41:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed