

(QT Reviewed)

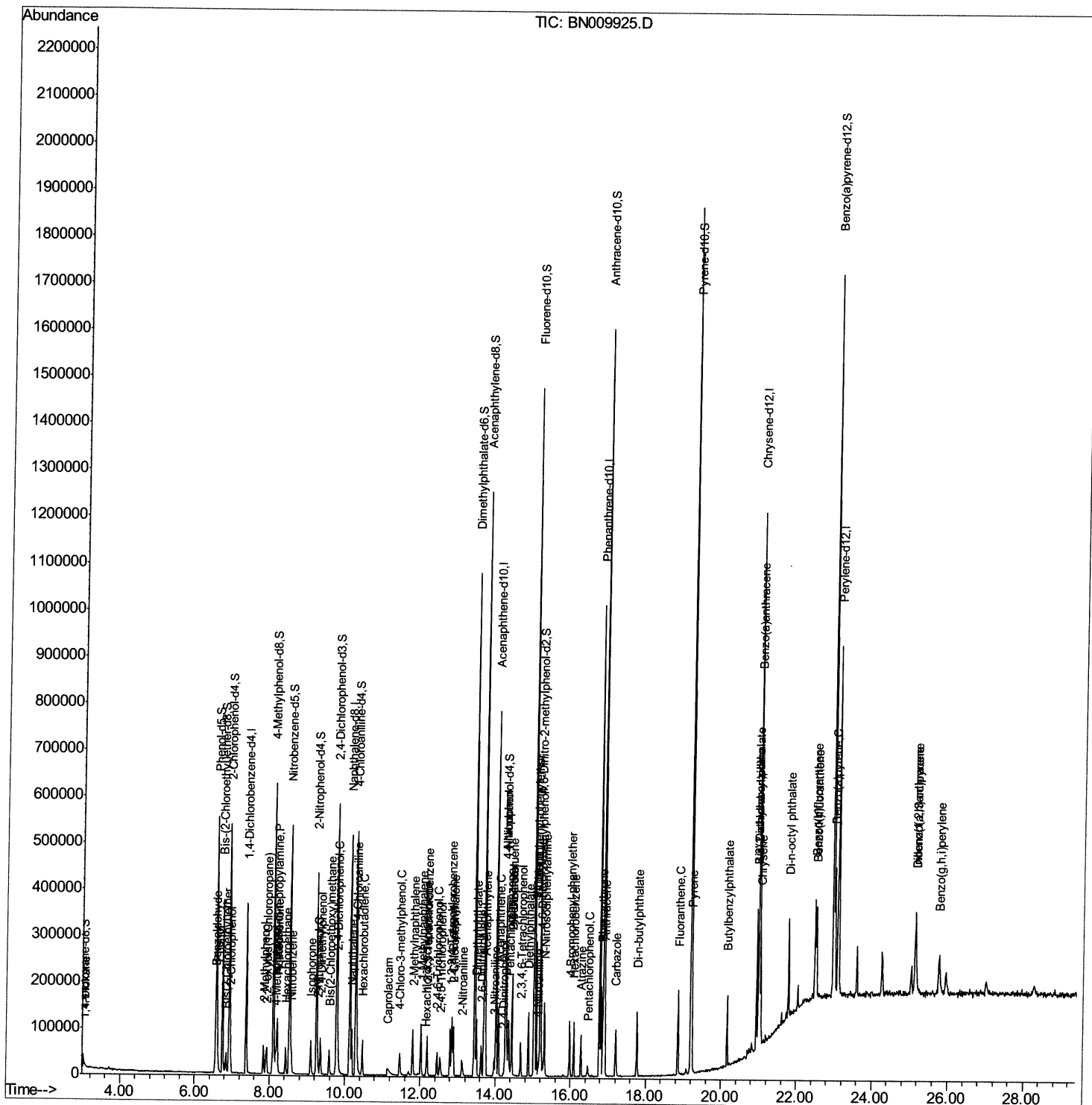
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022620\
Data File : BN009925.D
Acq On : 26 Feb 2020 12:42
Operator : CG/JU
Sample : K5695-03
Misc : ME-SOIL-MDL-03
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Manual Integrations
APPROVED

mohammad
2/27/2020 4:57:02 PM

Quant Time: Feb 26 13:46:45 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)

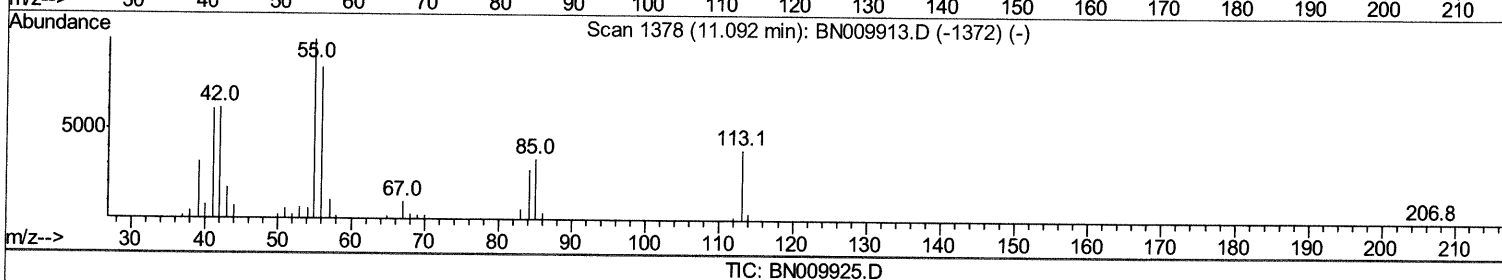
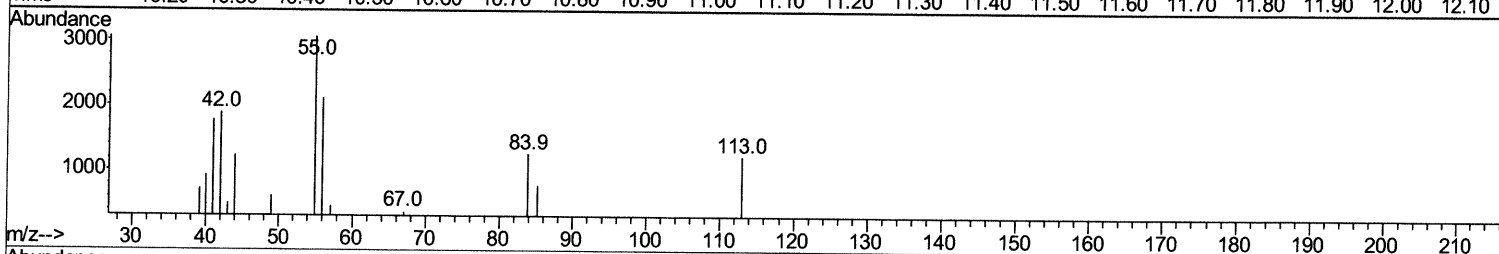
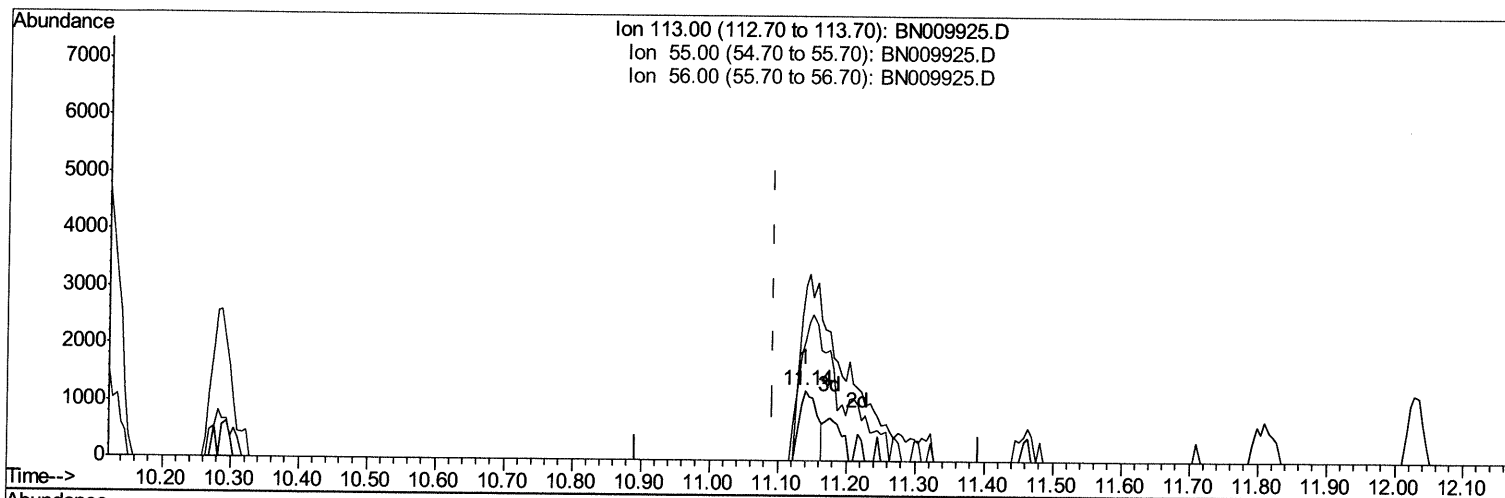
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TIC: BN009925.D

(32) Caprolactam

11.140min (+0.047) 1.18ng/ul

response 2226

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	248.94
56.00	202.00	172.39
0.00	0.00	0.00

Quantitation Report (Qedit)

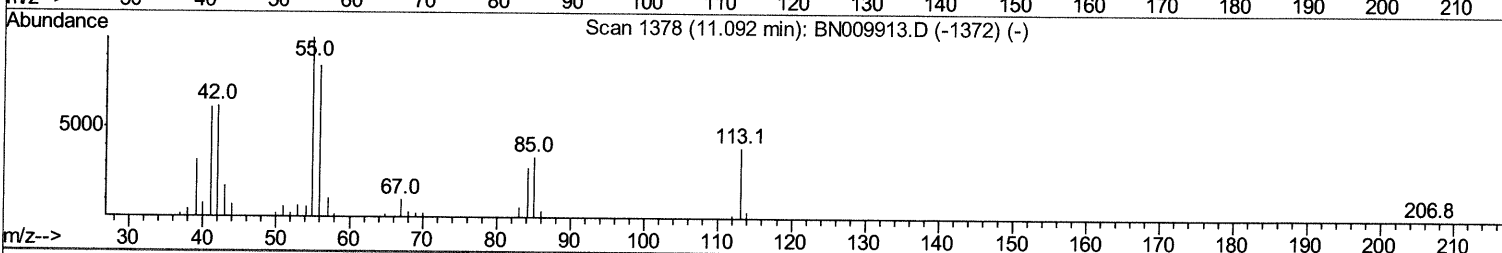
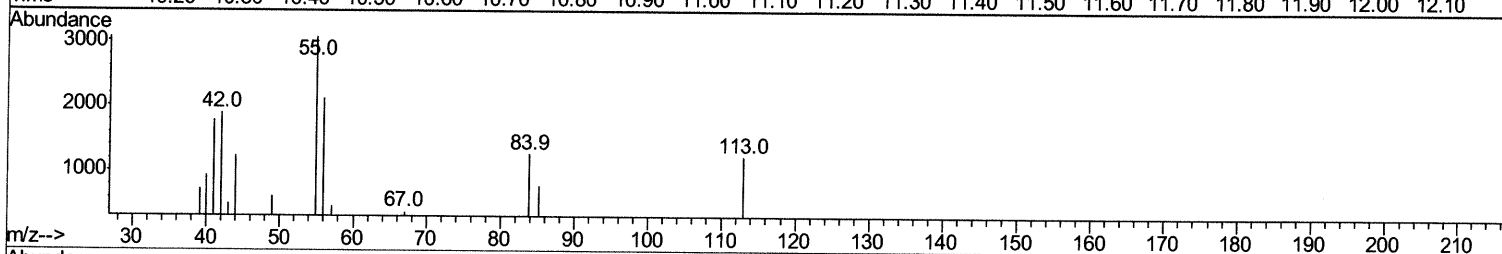
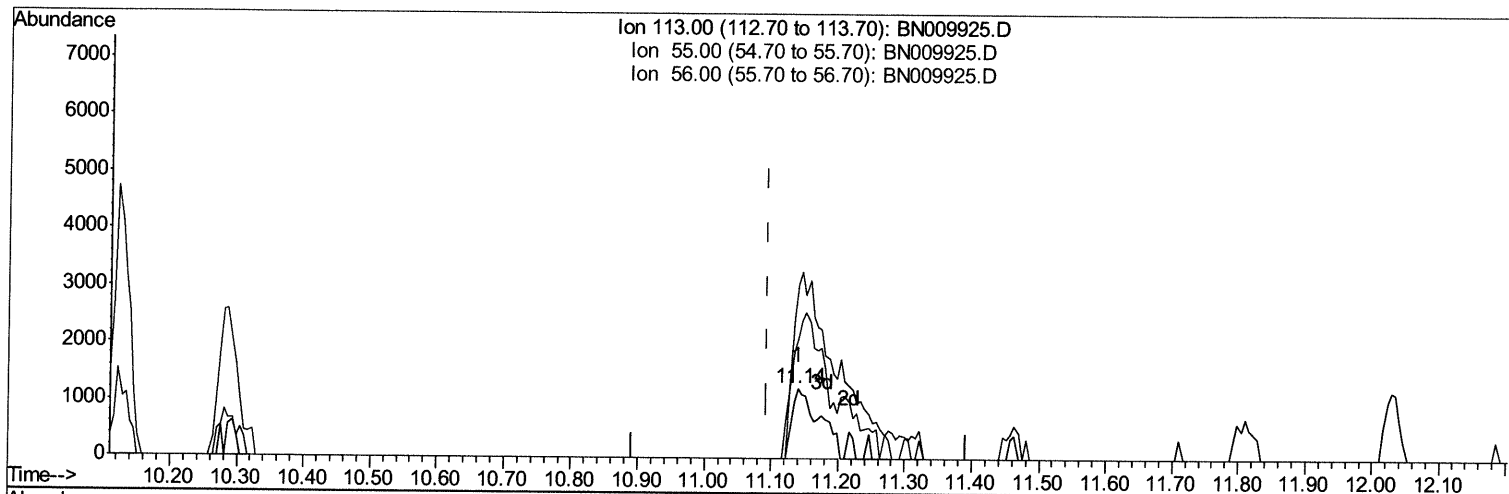
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(32) Caprolactam

11.140min (+0.047) 1.87ng/ul m JU 02/27/20

response 3518

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	248.94
56.00	202.00	172.39
0.00	0.00	0.00

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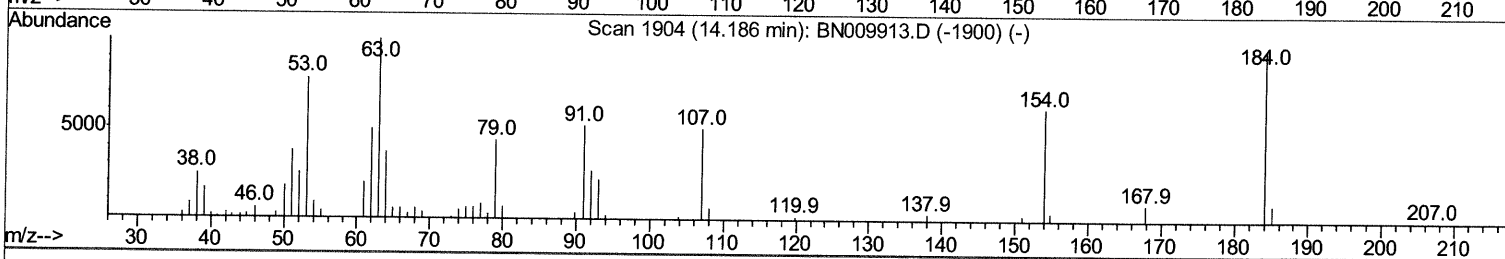
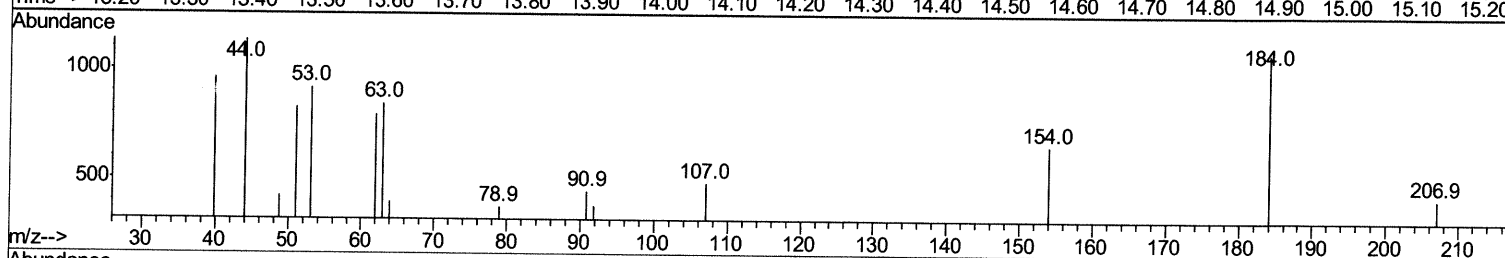
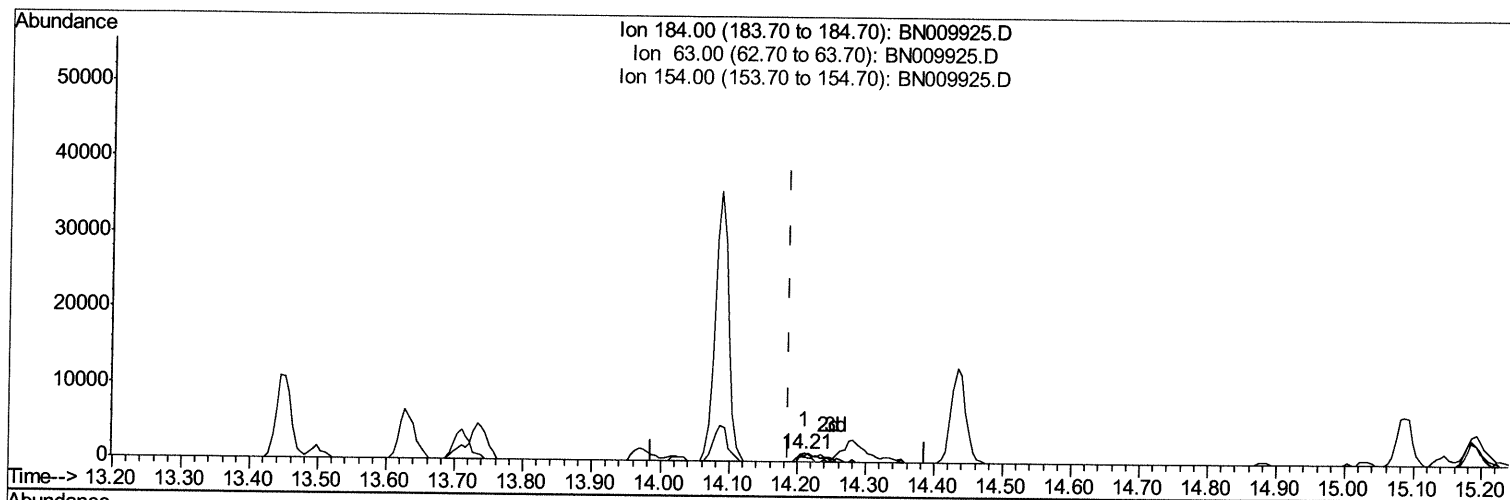
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TIC: BN009925.D

(51) 2,4-Dinitrophenol

14.210min (+0.024) 0.92ng/ul

response 1903

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	78.02#
154.00	68.60	60.76
0.00	0.00	0.00

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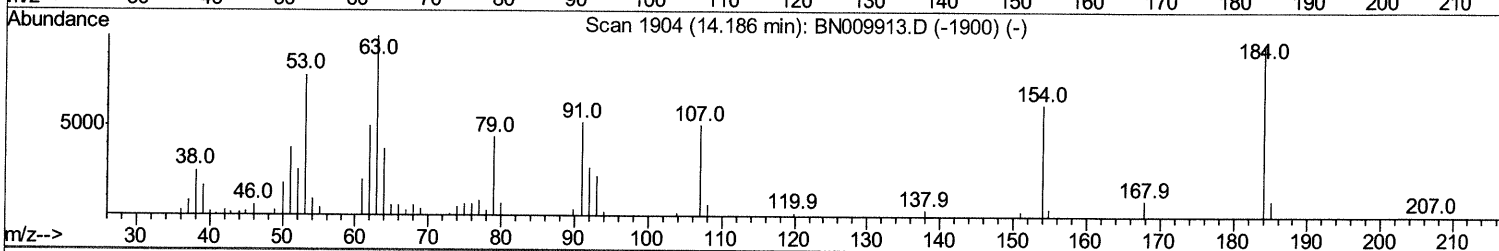
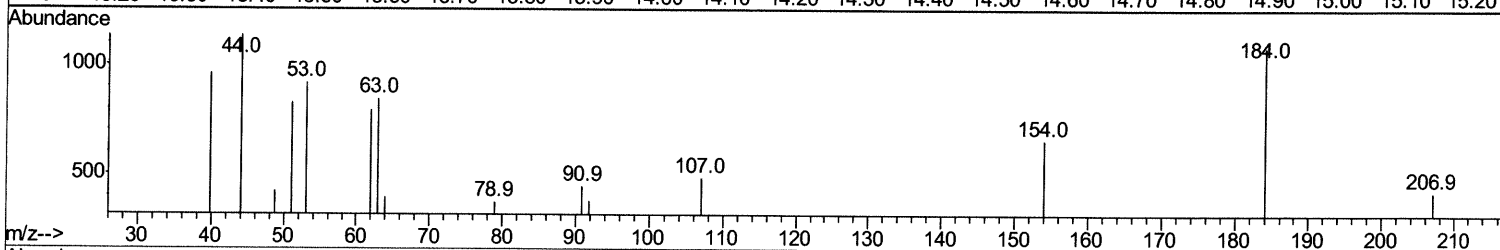
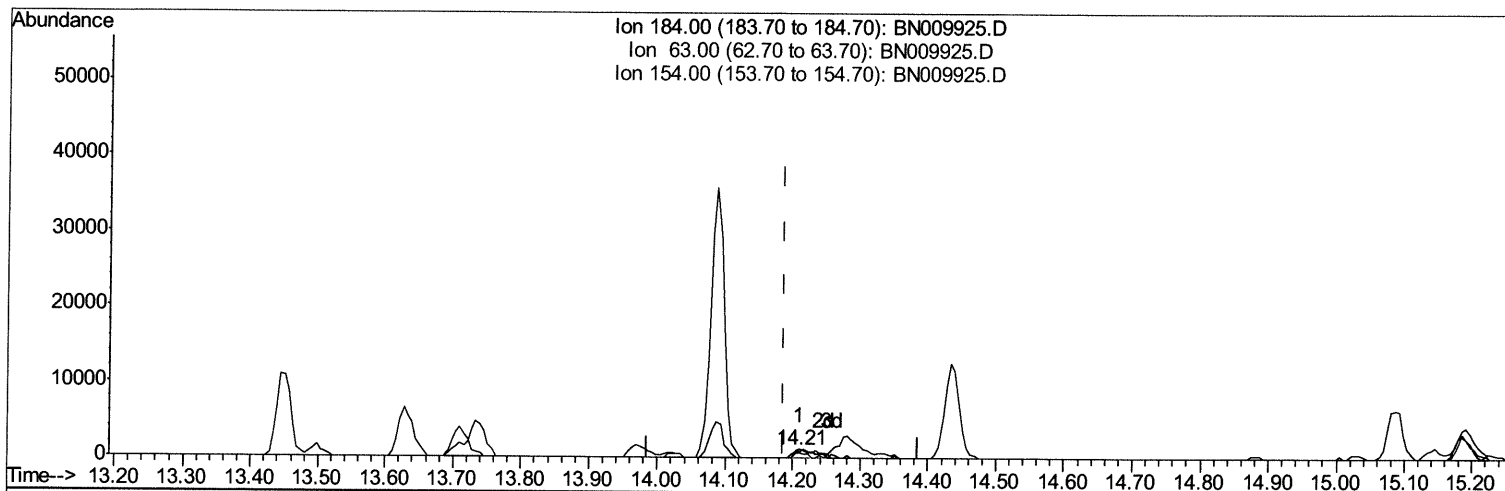
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(51) 2,4-Dinitrophenol

14.210min (+0.024) 1.01ng/ul m JU 02/27/20

response 2085

Ion	Exp%	Act%
184.00	100	100
63.00	103.80	78.02#
154.00	68.60	60.76
0.00	0.00	0.00

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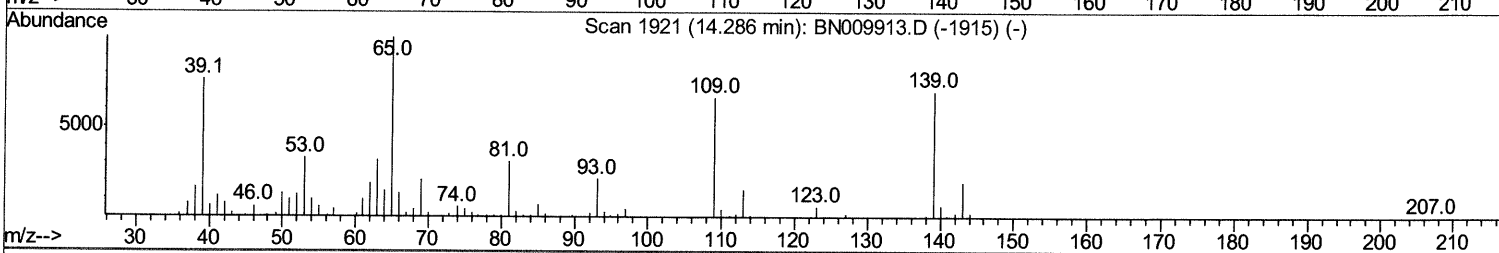
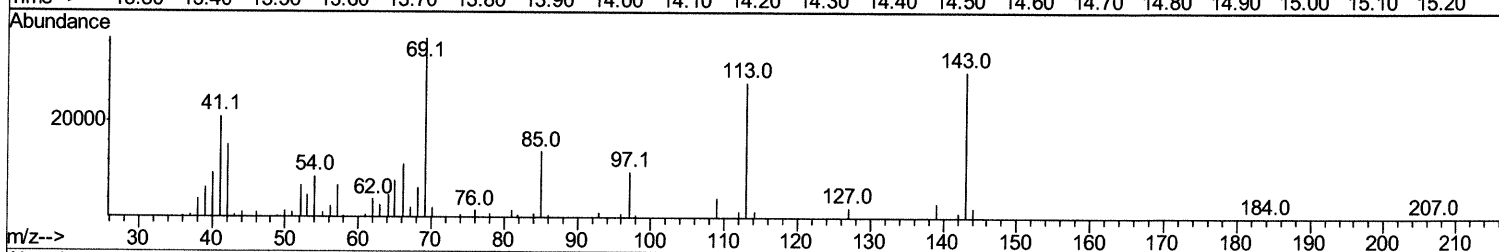
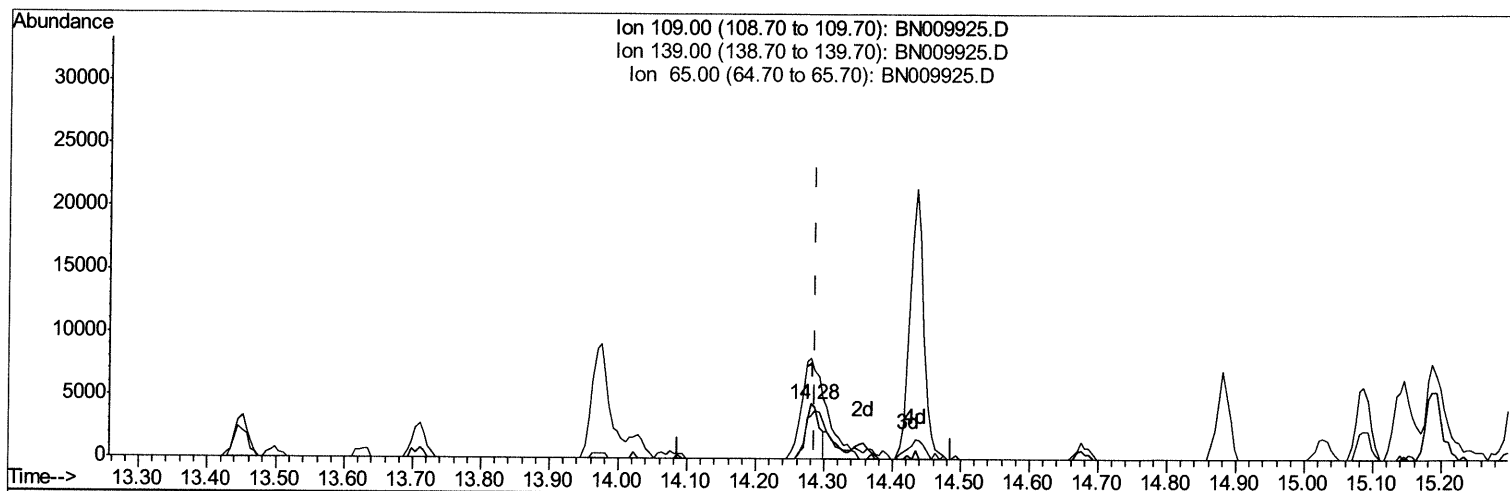
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TIC: BN009925.D

(53) 4-Nitrophenol

14.281min (-0.006) 2.14ng/ul

response 6226

Ion	Exp%	Act%
109.00	100	100
139.00	120.40	79.20#
65.00	162.40	182.46
0.00	0.00	0.00

Quantitation Report (Qedit)

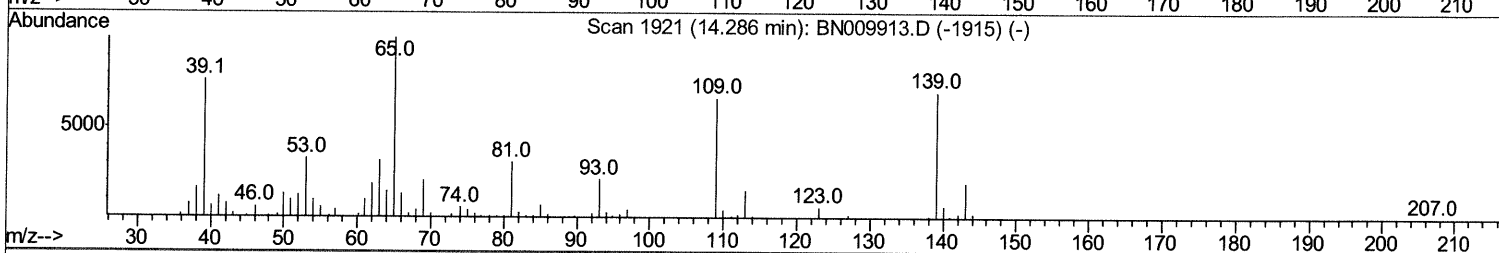
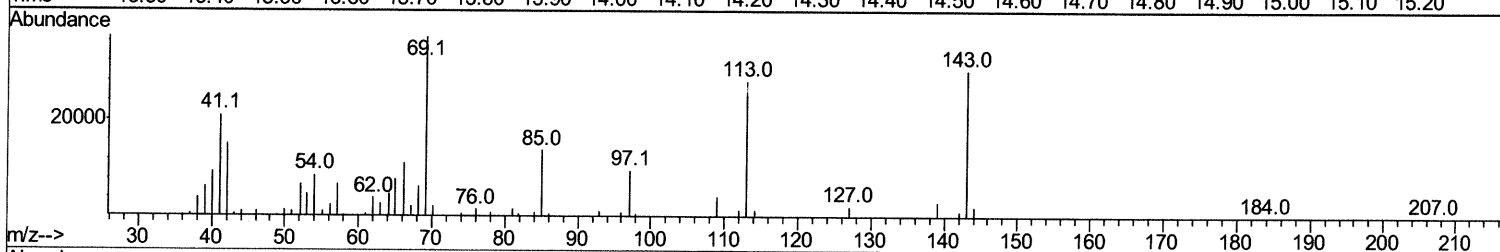
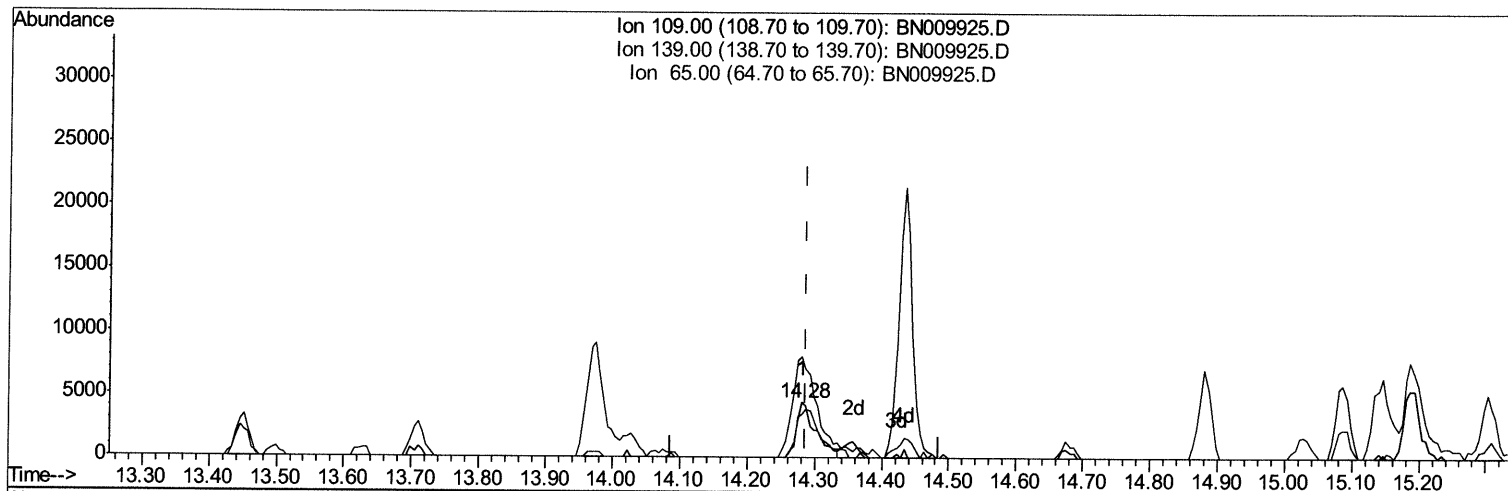
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TIC: BN009925.D

(53) 4-Nitrophenol

14.281min (-0.006) 2.98ng/ul m Ju 02/27/20

response 8656

Ion	Exp%	Act%
109.00	100	100
139.00	120.40	79.20#
65.00	162.40	182.46
0.00	0.00	0.00

Quantitation Report (Qedit)

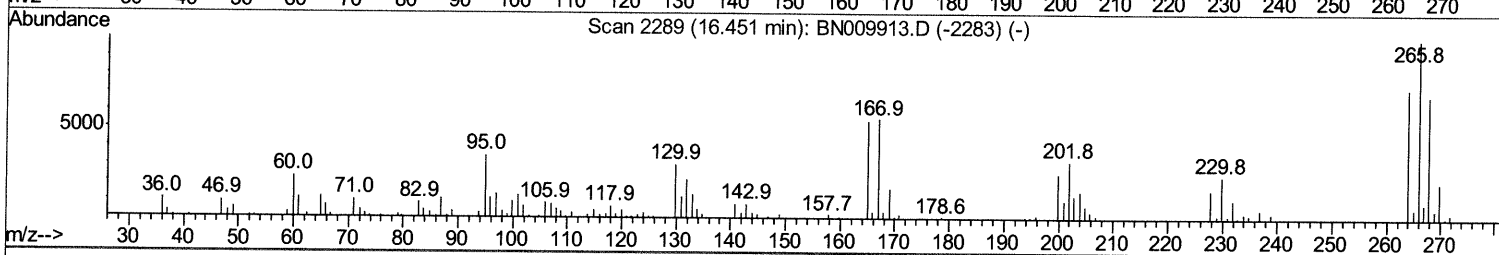
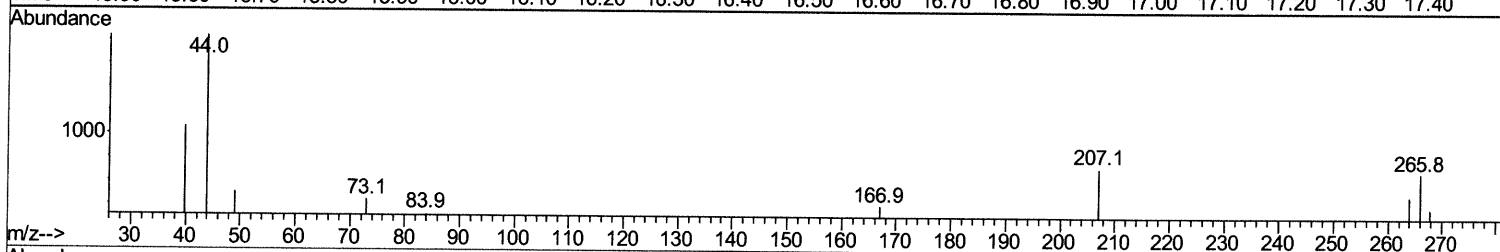
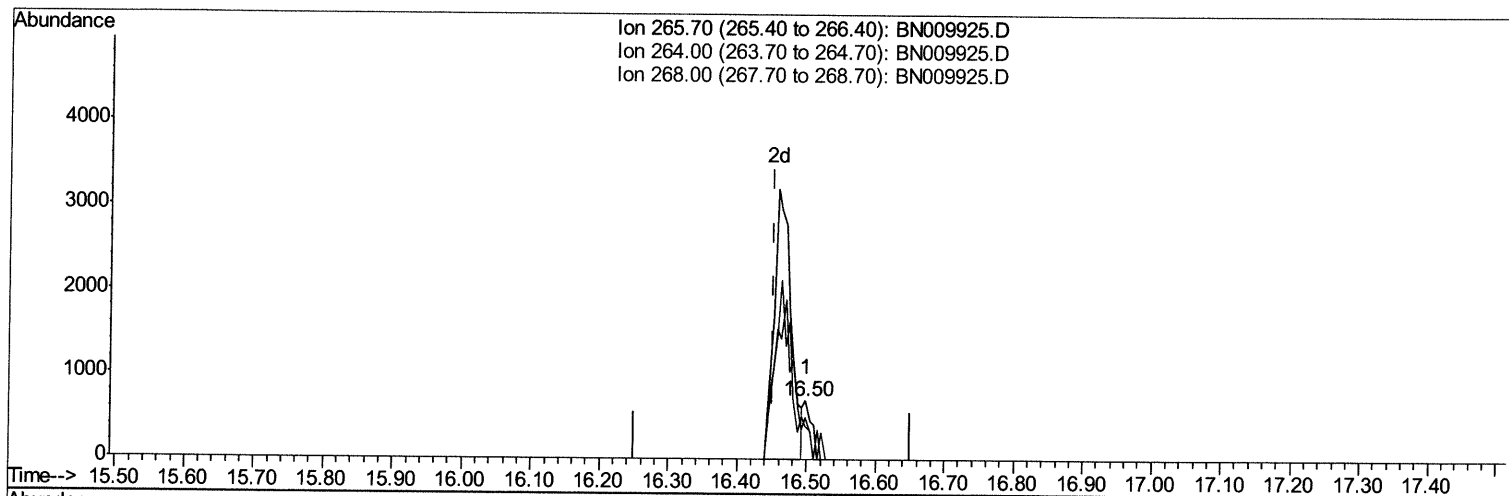
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TIC: BN009925.D

(69) Pentachlorophenol (C)

16.498min (+0.047) 0.17ng/ul

response 550

Ion	Exp%	Act%
265.70	100	100
264.00	66.10	71.49
268.00	65.60	56.45
0.00	0.00	0.00

Quantitation Report (Qedit)

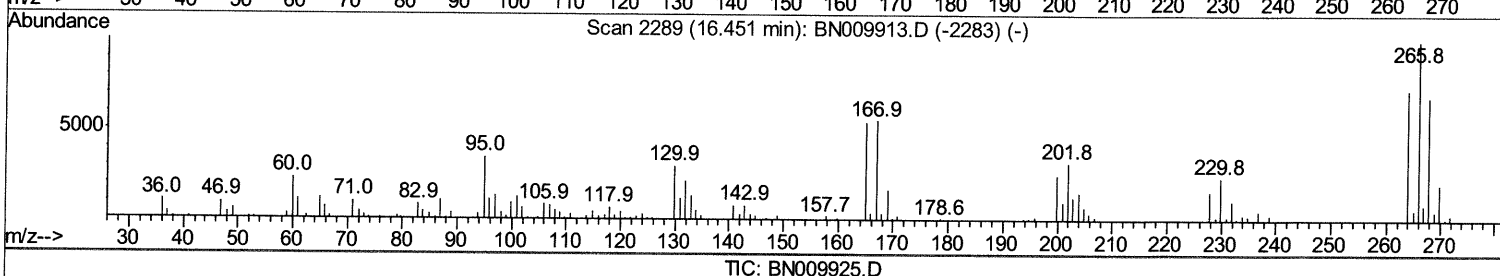
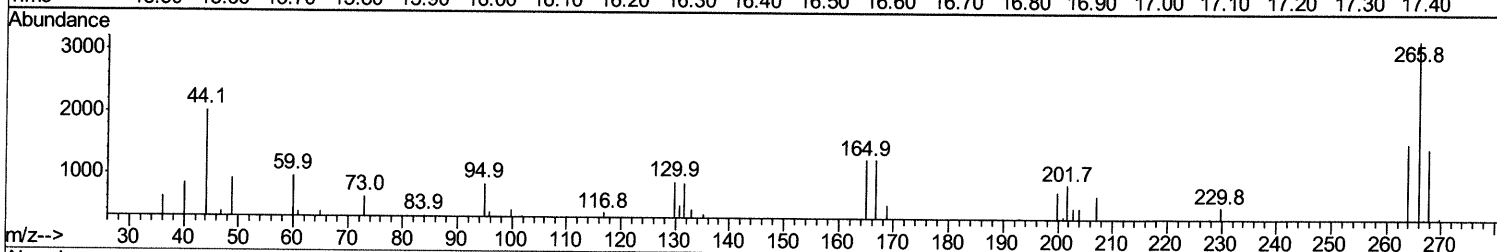
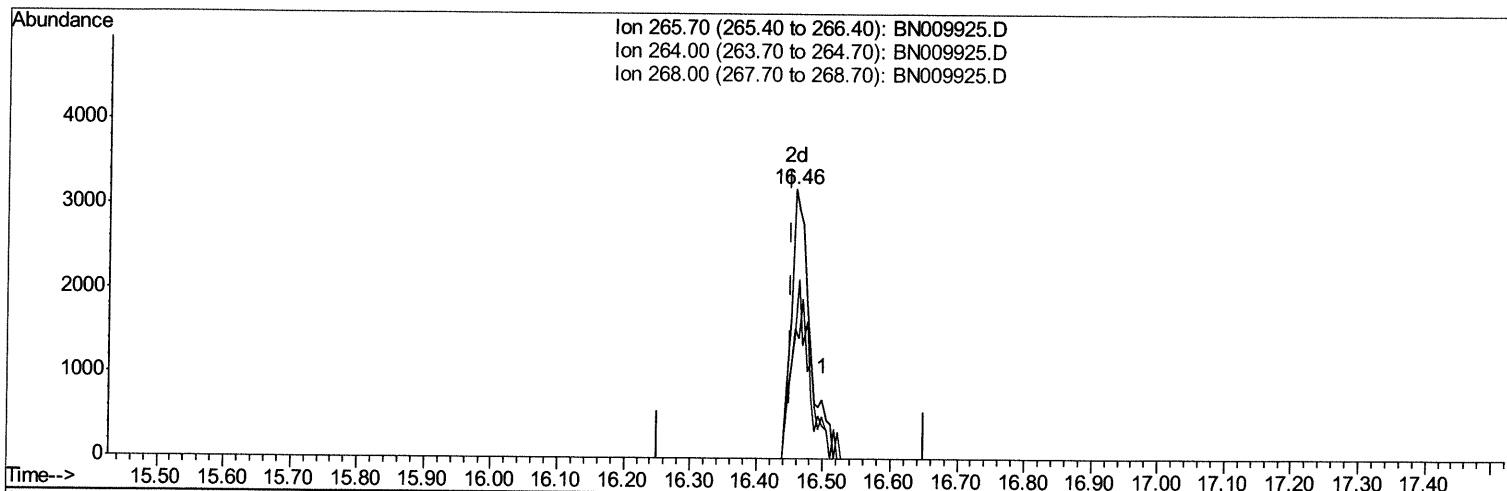
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TIC: BN009925.D

(69) Pentachlorophenol (C)

16.457min (+0.006) 1.87ng/ul m *Ju02/27/20*

response 6066

Ion	Exp%	Act%
265.70	100	100
264.00	66.10	48.30#
268.00	65.60	45.49#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	83512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	361370	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	236019	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	508262	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	500088	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	496906	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	10098	4.97	ng/uL	0.00
5) Phenol-d5	6.59	99	240417	33.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	179254	36.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	190420	35.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	197811	35.01	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	94696	35.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	103929	35.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	190422	34.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	264055	42.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	624390	35.42	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	750250	36.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	85057	26.42	ng/ul	0.00
58) Fluorene-d10	15.03	176	524269	34.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	86863	27.51	ng/ul	0.00
71) Anthracene-d10	16.88	188	828449	35.56	ng/ul	0.00
79) Pyrene-d10	19.19	212	891205	34.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	874762	35.25	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.06	88	2504	1.073	ng/uL#	89
4) Benzaldehyde	6.56	77	19865	4.205	ng/ul	94
6) Phenol	6.62	94	25479	3.347	ng/ul#	86
8) Bis-(2-Chloroethyl)ether	6.83	93	20964	3.504	ng/ul	95
10) 2-Chlorophenol	6.96	128	20134	3.574	ng/ul	94
11) 2-Methylphenol	7.85	108	17573	3.155	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.92	45	59888	4.083	ng/ul	99
14) Acetophenone	8.20	105	32769	3.559	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.19	70	18352	3.815	ng/ul	98
16) 4-Methylphenol	8.17	108	20649	3.378	ng/ul	99
17) Hexachloroethane	8.43	117	9364	3.654	ng/ul	90
20) Nitrobenzene	8.57	77	28834	3.701	ng/ul	94
21) Isophorone	9.09	82	45029	3.284	ng/ul#	97
23) 2-Nitrophenol	9.28	139	10893	3.366	ng/ul	95
24) 2,4-Dimethylphenol	9.35	107	23057	3.281	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.58	93	28219	3.368	ng/ul	97
27) 2,4-Dichlorophenol	9.80	162	19876	3.543	ng/ul	89
28) Naphthalene	10.18	128	68364	3.508	ng/ul	97
30) 4-Chloroaniline	10.31	127	25232	3.944	ng/ul	97
31) Hexachlorobutadiene	10.46	225	12480	3.327	ng/ul	93
32) Caprolactam	11.14	113	3518m	1.870	ng/ul >	JU02/27/20
33) 4-Chloro-3-methylphenol	11.46	107	19096	2.977	ng/ul	96
34) 2-Methylnaphthalene	11.81	142	45795	3.384	ng/ul	97

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35) 1-Methylnaphthalene	12.03	142	48945	3.609	ng/uL#	95
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	24281	3.471	ng/uL	90
38) Hexachlorocyclopentadiene	12.16	237	3018	0.997	ng/uL#	85
39) 2,4,6-Trichlorophenol	12.45	196	12419	2.797	ng/uL#	96
40) 2,4,5-Trichlorophenol	12.54	196	14878	3.123	ng/uL	93
41) 1,1'-Biphenyl	12.85	154	62469	3.446	ng/uL	98
42) 2-Chloronaphthalene	12.89	162	49885	3.465	ng/uL	96
43) 2-Nitroaniline	13.12	65	14223	2.702	ng/uL	92
45) Dimethylphthalate	13.50	163	65284	3.549	ng/uL#	95
46) 2,6-Dinitrotoluene	13.63	165	10313	2.864	ng/uL	96
48) Acenaphthylene	13.74	152	80063	3.563	ng/uL	99
49) 3-Nitroaniline	13.97	138	8540	2.569	ng/uL	89
50) Acenaphthene	14.09	153	54202	3.518	ng/uL	94
51) 2,4-Dinitrophenol	14.21	184	2085m	1.009	ng/uL	JU 02/27/20
53) 4-Nitrophenol	14.28	109	8656m	2.979	ng/uL	
54) Dibenzofuran	14.43	168	75996	3.515	ng/uL	97
55) 2,4-Dinitrotoluene	14.44	165	16528	3.097	ng/uL#	82
56) 2,3,4,6-Tetrachlorophenol	14.68	232	12181	2.974	ng/uL#	91
57) Diethylphthalate	14.88	149	63108	3.341	ng/uL	98
59) Fluorene	15.09	166	62879	3.465	ng/uL	100
60) 4-Chlorophenyl-phenylether	15.09	204	30954	3.459	ng/uL	89
61) 4-Nitroaniline	15.15	138	7433	1.833	ng/uL#	84
64) 4,6-Dinitro-2-methylphenol	15.21	198	9411	2.767	ng/uL#	66
65) N-Nitrosodiphenylamine	15.31	169	50841	3.371	ng/uL	99
66) 4-Bromophenyl-phenylether	15.98	248	17083	3.359	ng/uL	93
67) Hexachlorobenzene	16.09	284	19980	3.550	ng/uL	95
68) Atrazine	16.28	200	15519	2.713	ng/uL	92
69) Pentachlorophenol	16.46	266	6066m	1.865	ng/uL	JU 02/27/20
70) Phenanthrene	16.82	178	100686	3.471	ng/uL	
72) Anthracene	16.92	178	106034	3.576	ng/uL	96
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	26933	3.627	ng/uL	87
74) Pentachlorobenzene	14.36	250	24318	3.396	ng/uL	92
75) Carbazole	17.21	167	74269	2.844	ng/uL	97
76) Di-n-butylphthalate	17.77	149	91703	2.845	ng/uL	98
77) Fluoranthene	18.86	202	110494	3.252	ng/uL	100
80) Pvrene	19.22	202	124427	3.451	ng/uL	98
81) Butylbenzylphthalate	20.16	149	39063	2.636	ng/uL	92
82) 3,3'-Dichlorobenzidine	20.94	252	29098	2.669	ng/uL#	97
83) Benzo(a)anthracene	20.99	228	109075	3.174	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	58898	2.603	ng/uL	99
85) Chrysene	21.04	228	114404	3.381	ng/uL	98
87) Di-n-octyl phthalate	21.79	149	100430	2.670	ng/uL	100
88) Benzo(b)fluoranthene	22.49	252	109843	3.409	ng/uL	98
89) Benzo(k)fluoranthene	22.53	252	108090	3.543	ng/uL	98
91) Benzo(a)pyrene	23.01	252	101889	3.516	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.15	276	111726	3.248	ng/uL	94
93) Dibenzo(a,h)anthracene	25.15	278	90184	3.064	ng/uL	97
94) Benzo(a,h,i)perylene	25.77	276	94685	3.282	ng/uL	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022620\
Data File : BN009925.D
Acq On : 26 Feb 2020 12:42
Operator : CG/JU
Sample : K5695-03
Misc : ME-SOIL-MDL-03
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Manual Integrations
APPROVED

mohammad
2/27/2020 4:57:02 PM

Quant Time: Feb 26 13:46:45 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						