

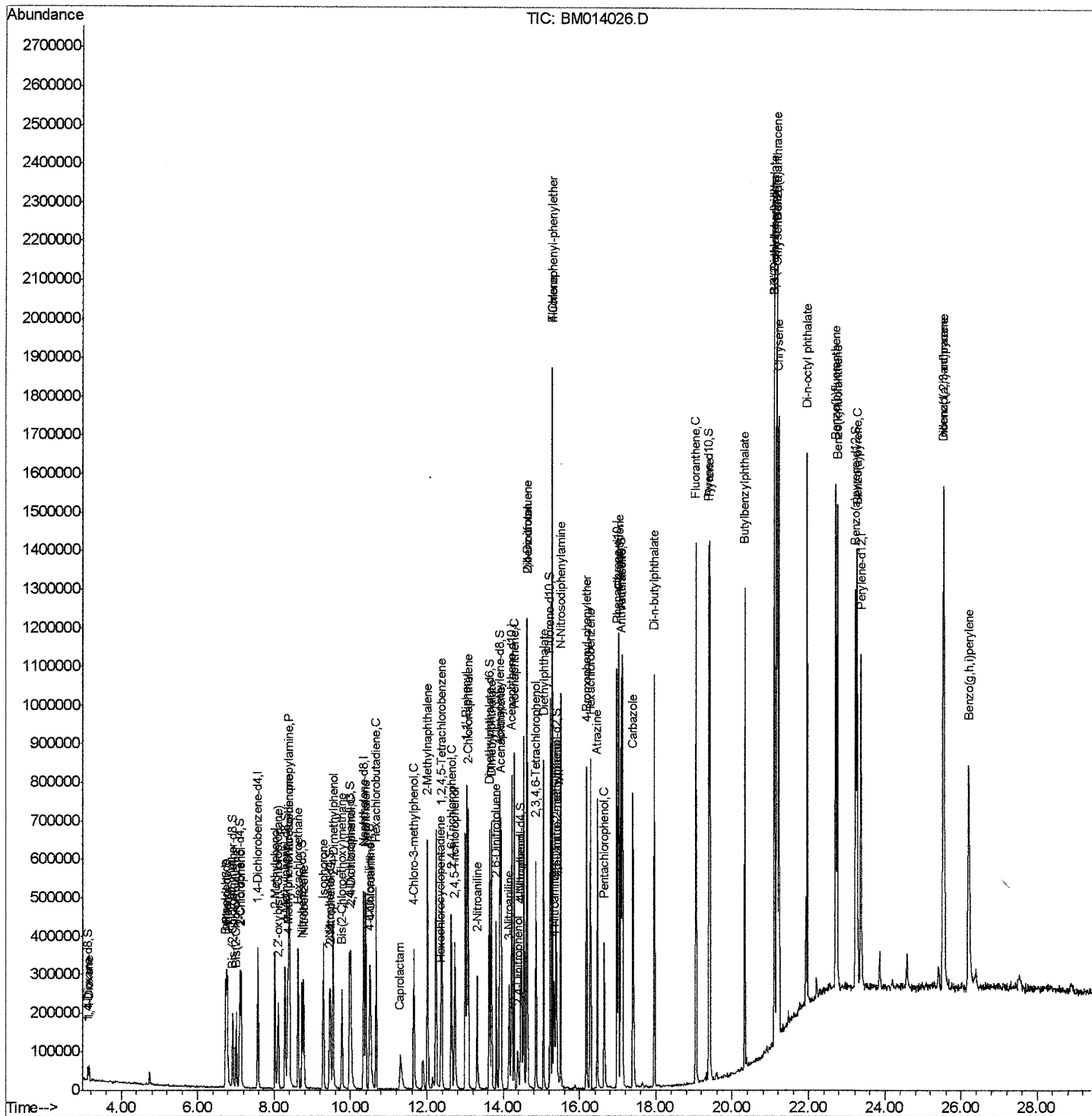
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Data File : BM014026.D  
Acq On    : 31 Jan 2018   08:43  
Operator  : SJ/JU  
Sample    : SSTDCCC020EC  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
BNA_M
LabSampleId :
SSTD02012

Manual Integrations APPROVED

Sohil
1/31/2018 8:36:50 PM

Quant Time: Jan 31 10:12:16 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 07:06:39 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

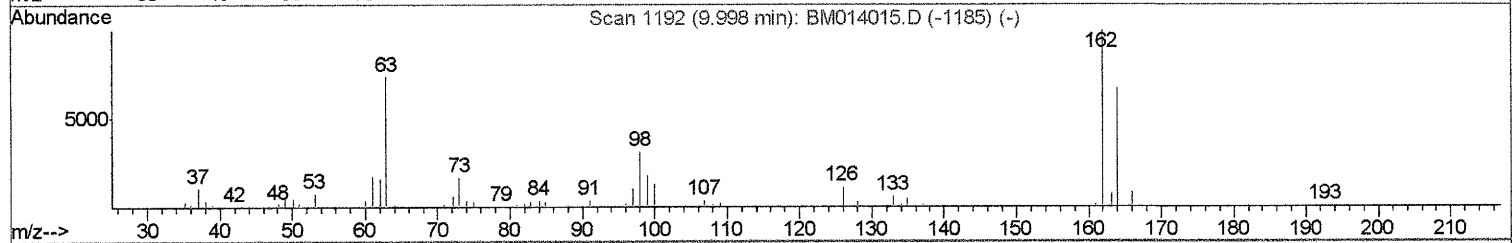
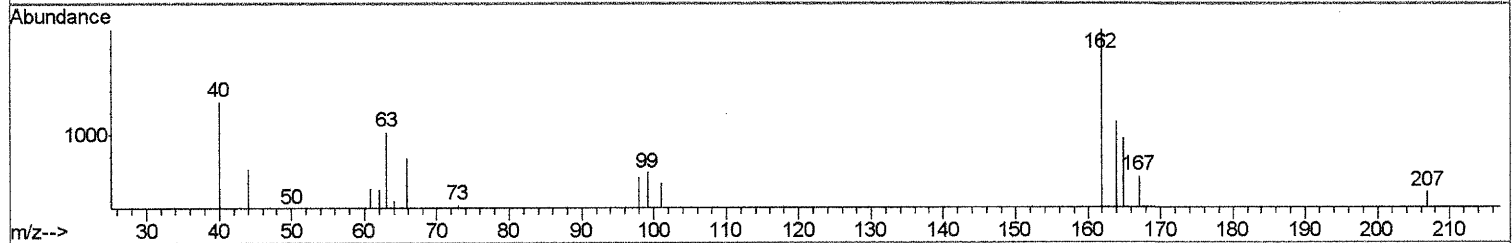
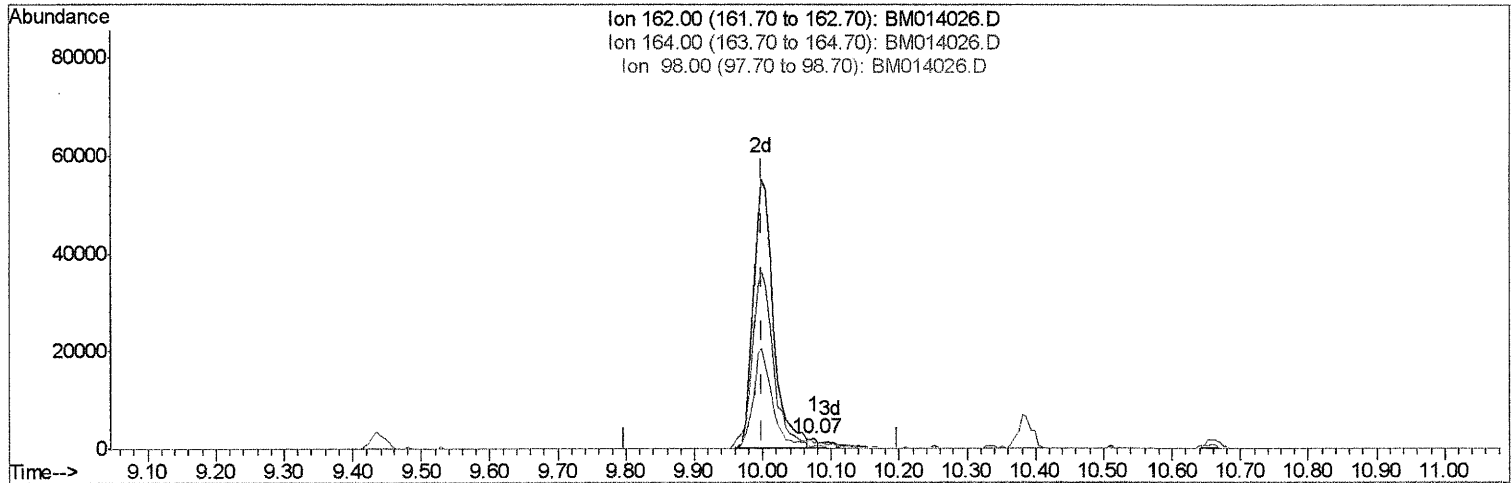
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Manual Integrations
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1/31/2018 8:36:50 PM

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TIC: BM014026.D

(27) 2,4-Dichlorophenol (C)

10.075min (+0.076) 0.30ng/ul

response 1673

Ion	Exp%	Act%
162.00	100	100
164.00	59.70	57.43
98.00	28.70	31.16
0.00	0.00	0.00

Quantitation Report (Qedit)

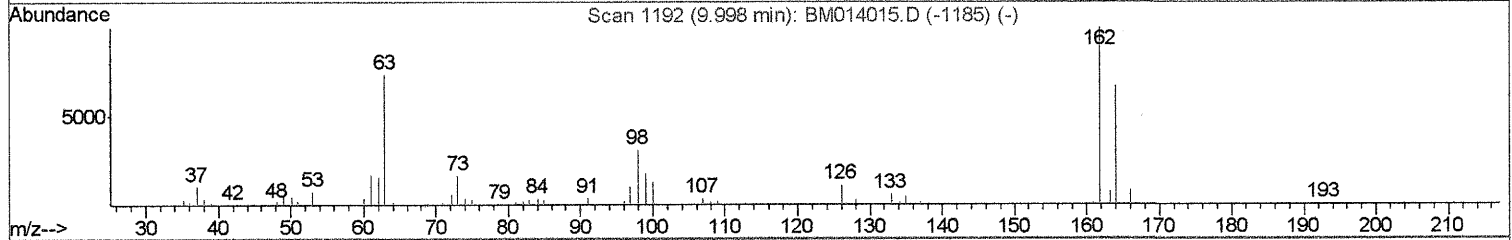
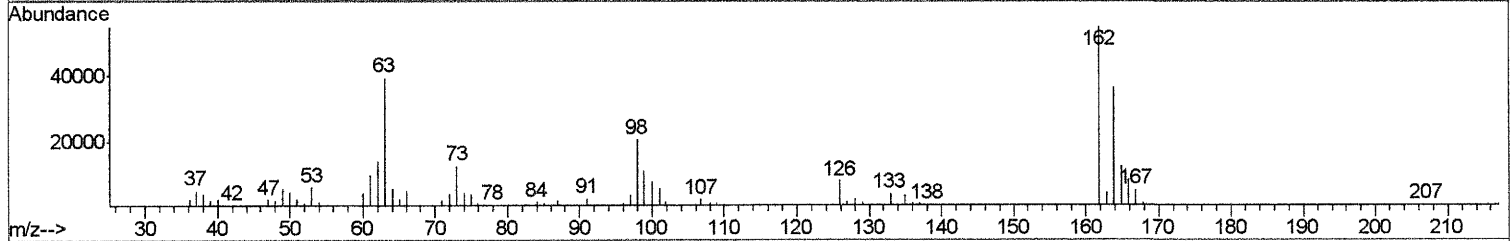
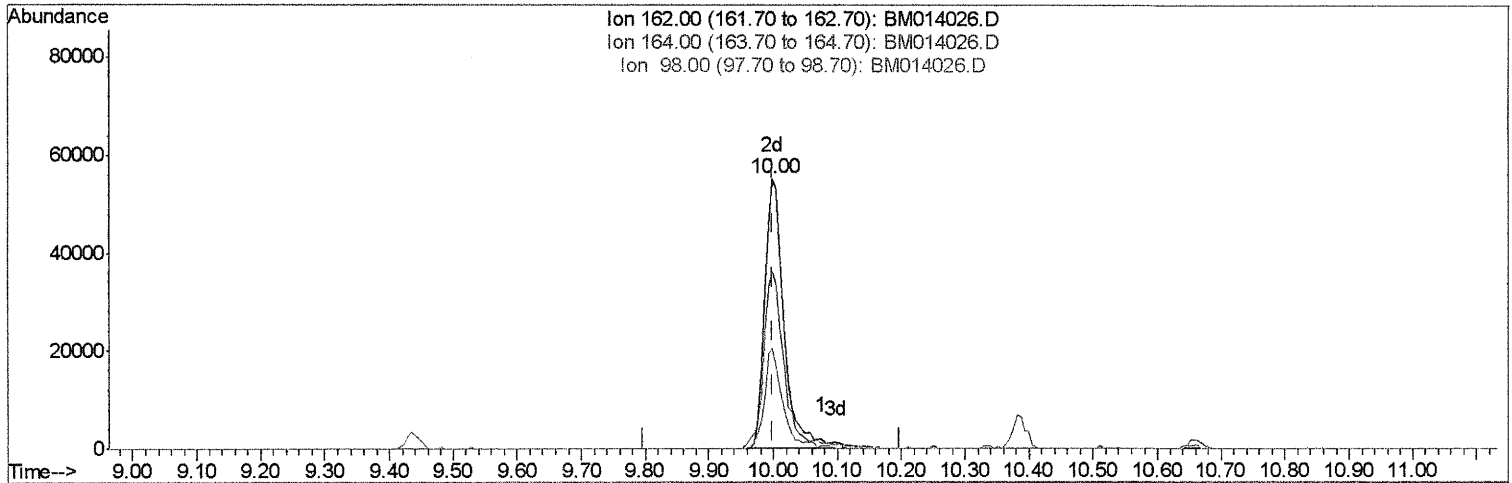
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TIC: BM014026.D

(27) 2,4-Dichlorophenol (C)

9.998min (+0.000) 20.97ng/ul m > SJ 2/8/18

response 116497

Ion	Exp%	Act%
162.00	100	100
164.00	59.70	66.07
98.00	28.70	37.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

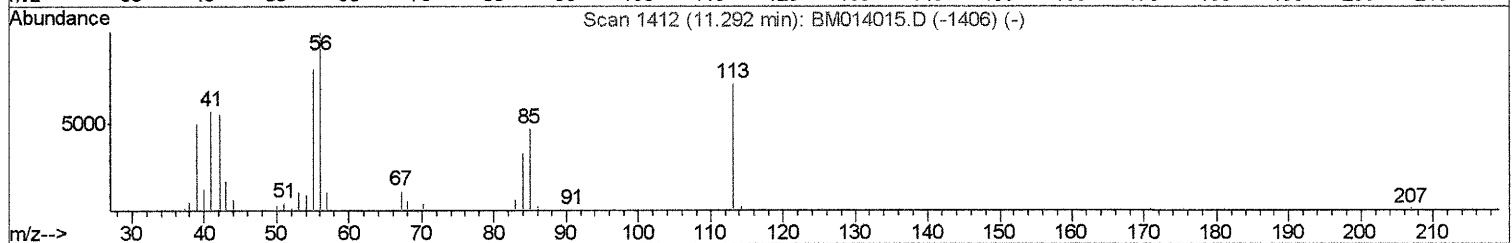
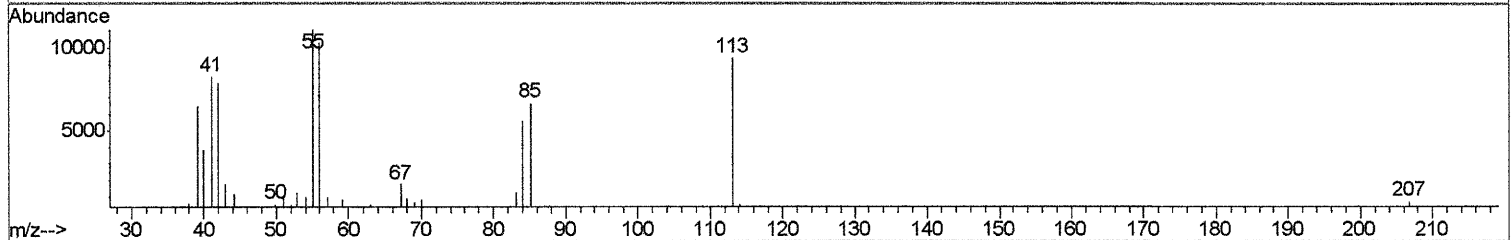
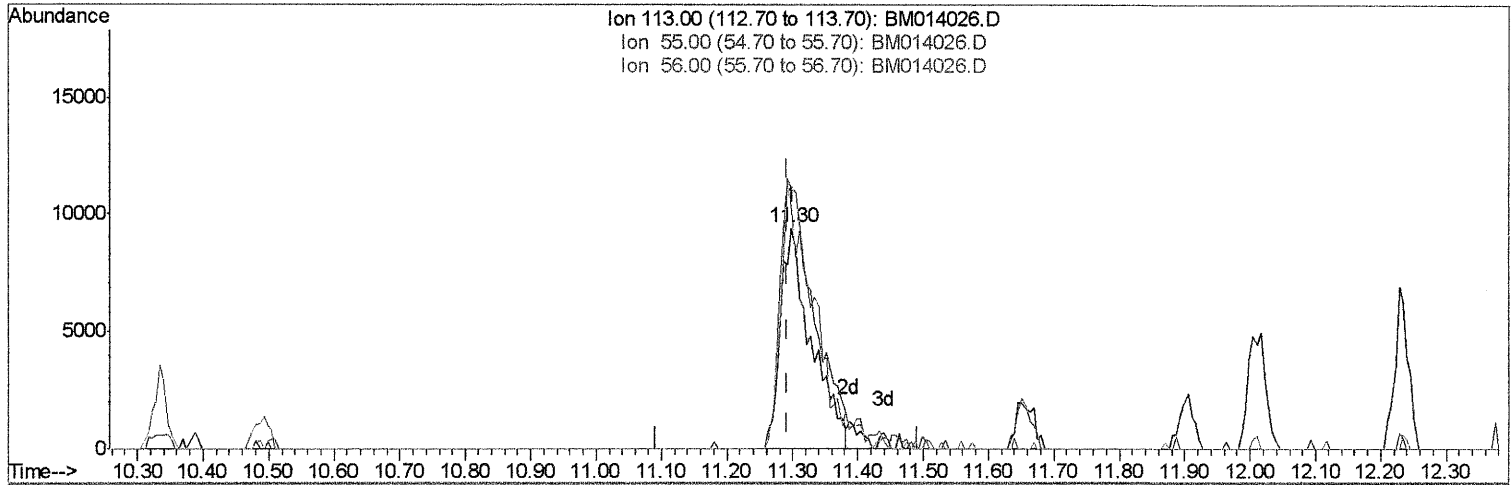
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Instrument :
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Manual Integrations
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TIC: BM014026.D

(32) Caprolactam

11.298min (+0.006) 19.93ng/ul

response 30795

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	118.19#
56.00	200.00	109.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

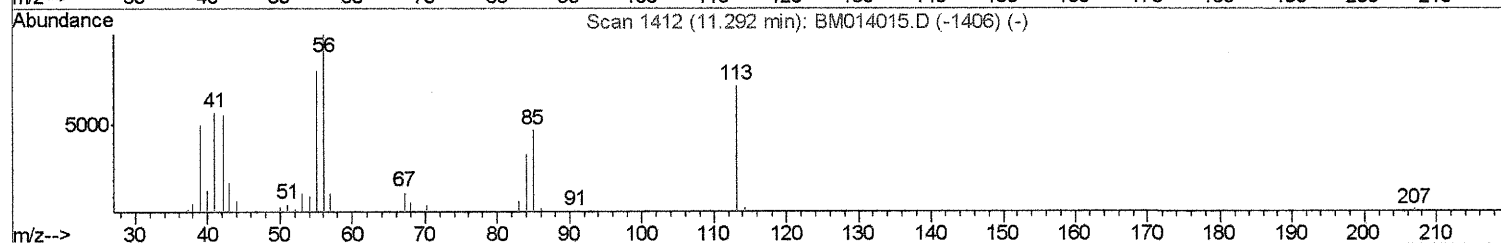
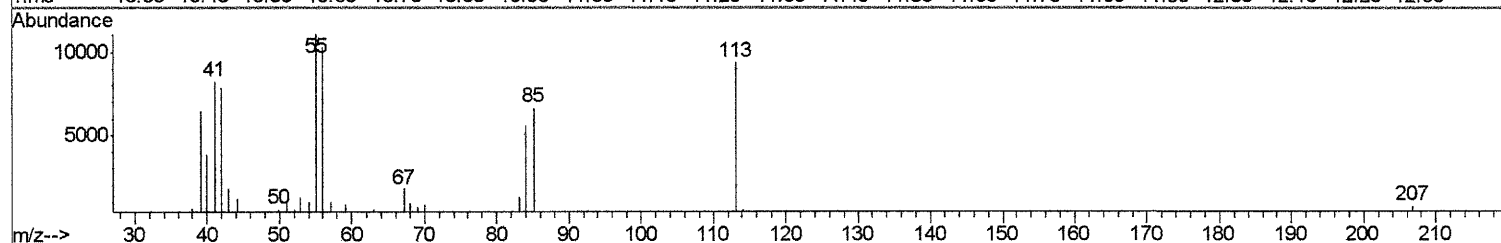
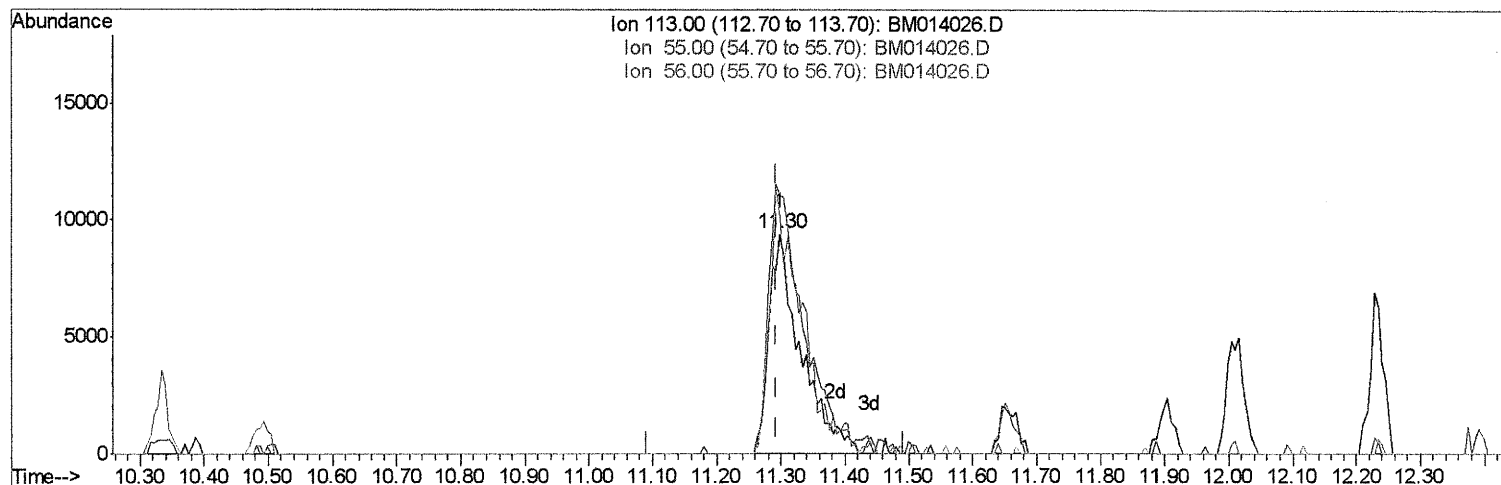
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 Acq On : 31 Jan 2018 08:43
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02012

Manual Integrations
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TIC: BM014026.D

(32) Caprolactam

11.298min (+0.006) 20.93ng/ul m > SJ 2/5/18

response 32348

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	118.19#
56.00	200.00	109.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

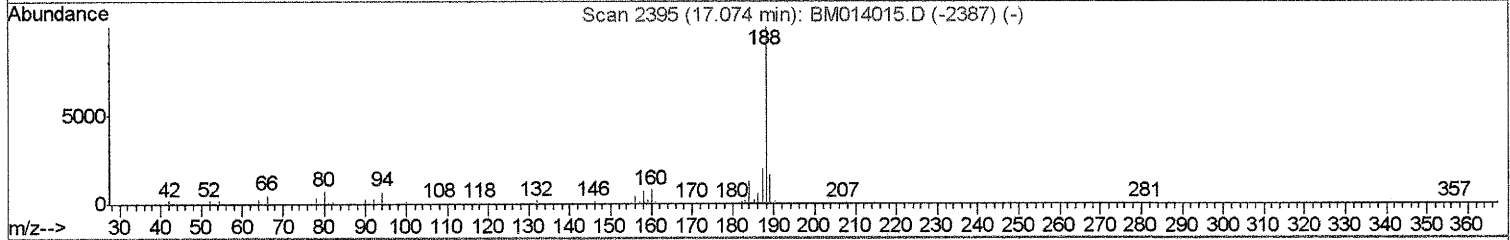
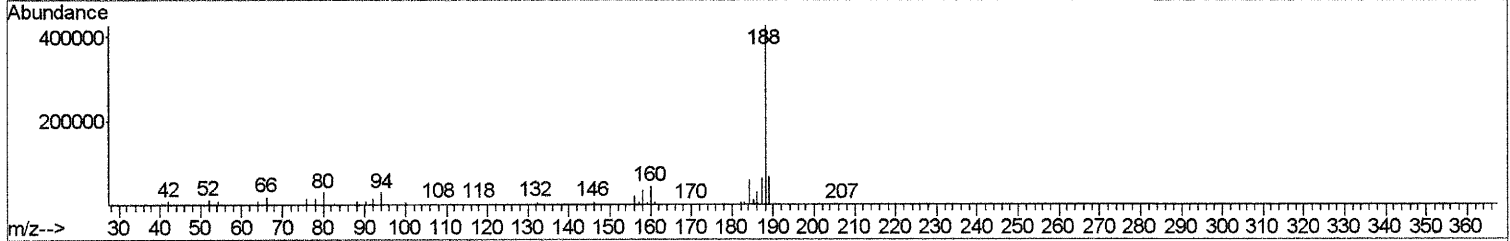
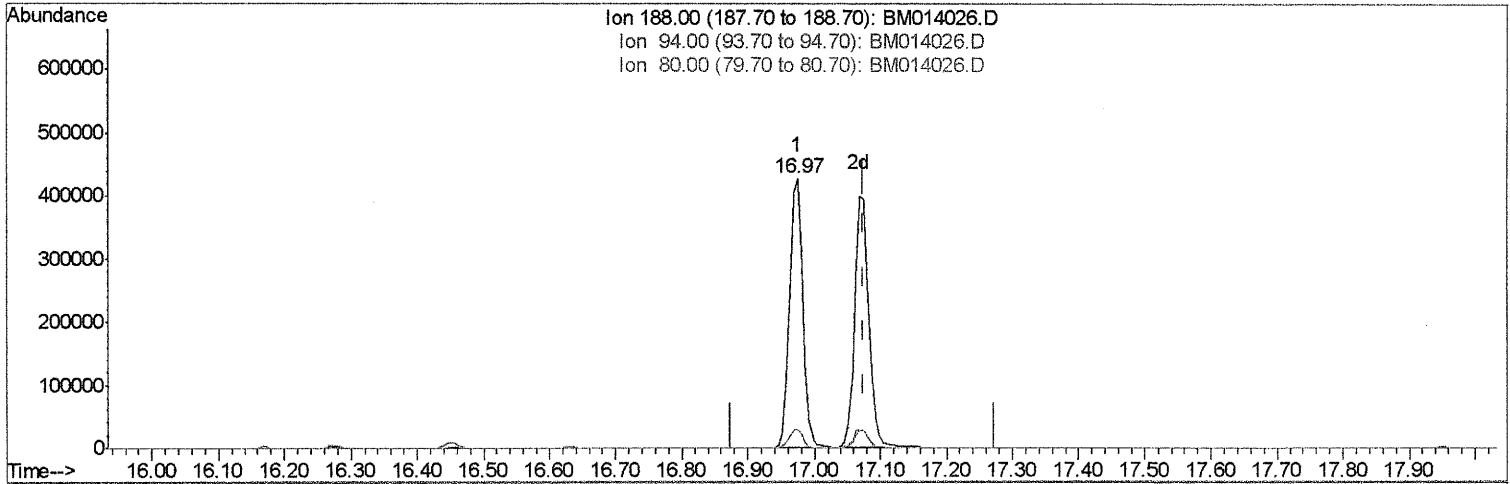
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 Acq On : 31 Jan 2018 08:43
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 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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TIC: BM014026.D

(70) Anthracene-d10 (S)

16.974min (-0.100) 20.53ng/ul

response 598511

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.78
80.00	5.90	6.83
0.00	0.00	0.00

Quantitation Report (Qedit)

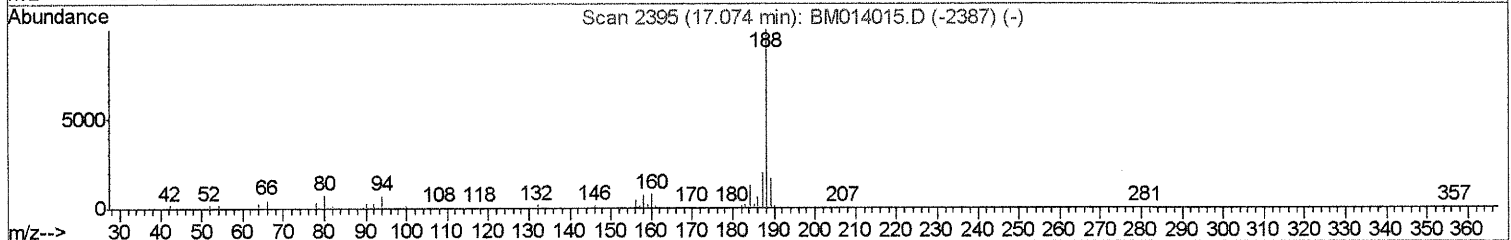
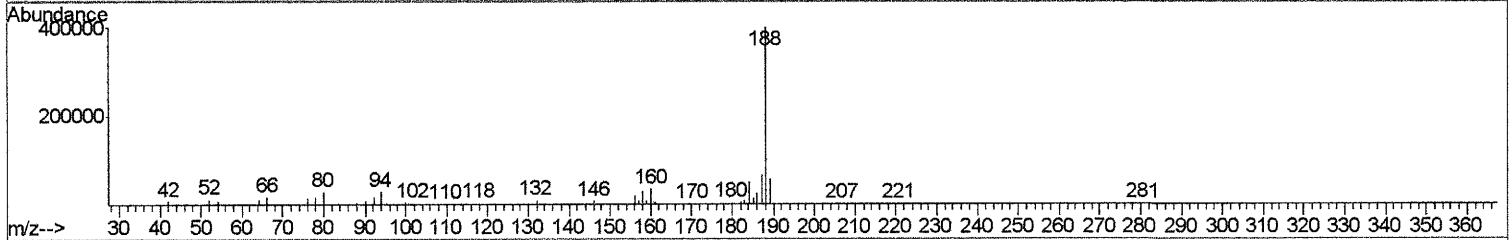
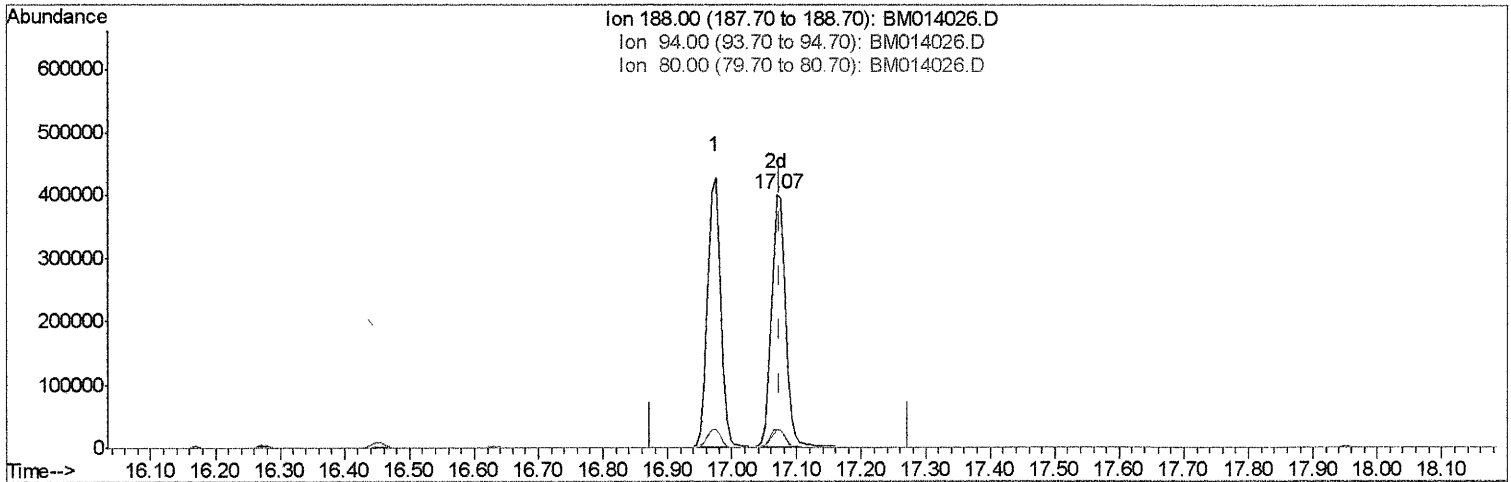
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
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Manual Integrations
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TIC: BM014026.D

(70) Anthracene-d10 (S)

17.068min (-0.006) 20.88ng/ul m> SJ 2/8/18

response 608615

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.43#
80.00	5.90	7.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

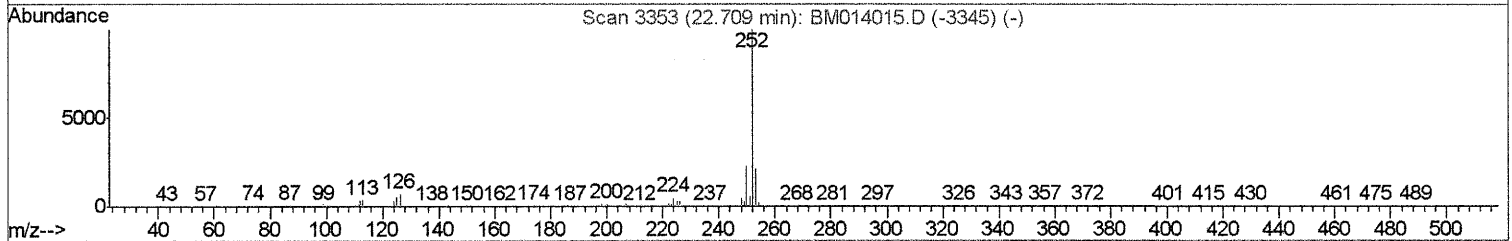
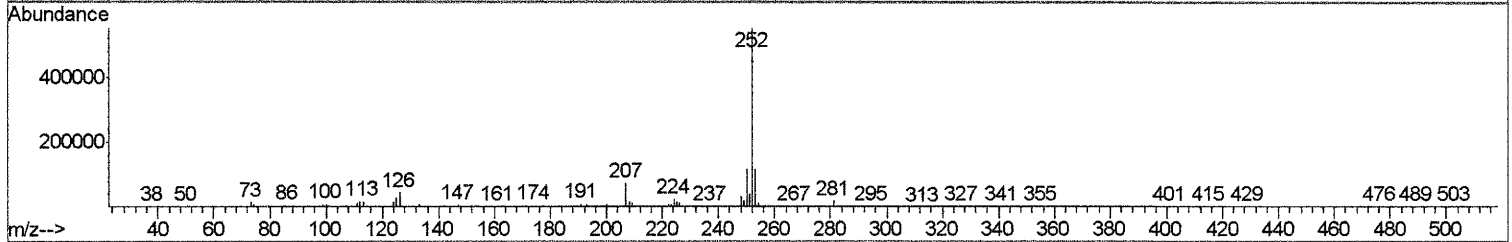
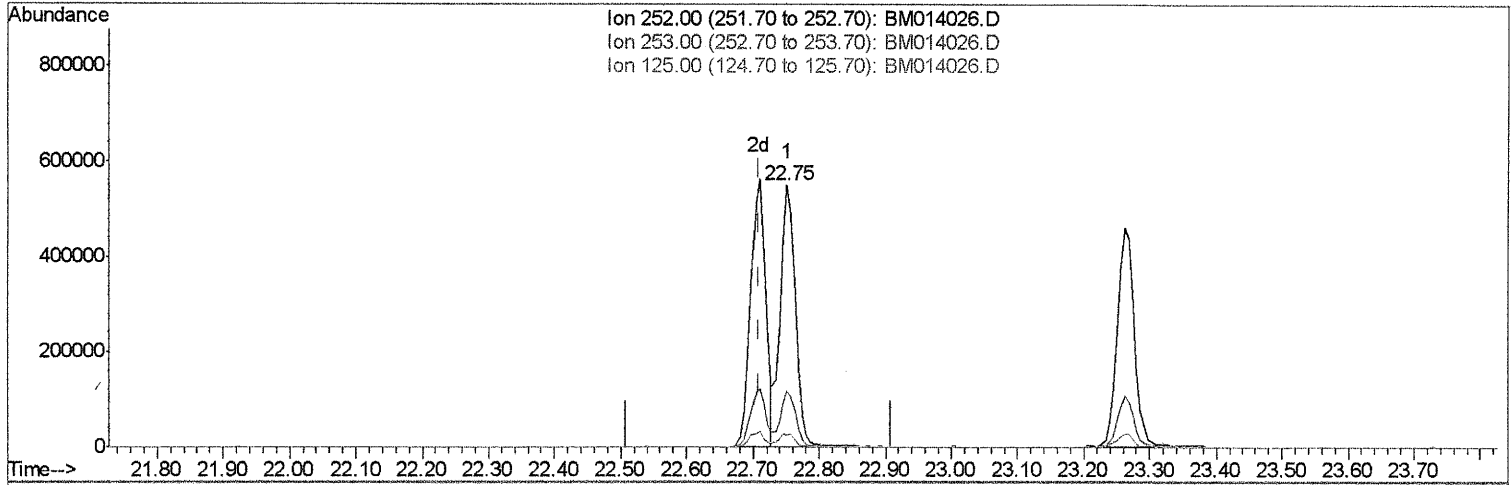
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 Misc :
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Instrument :
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TIC: BM014026.D

(85) Benzo(b)fluoranthene
 22.750min (+0.041) 20.73ng/ul
 response 867384

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.41
125.00	4.50	4.85
0.00	0.00	0.00

Quantitation Report (Qedit)

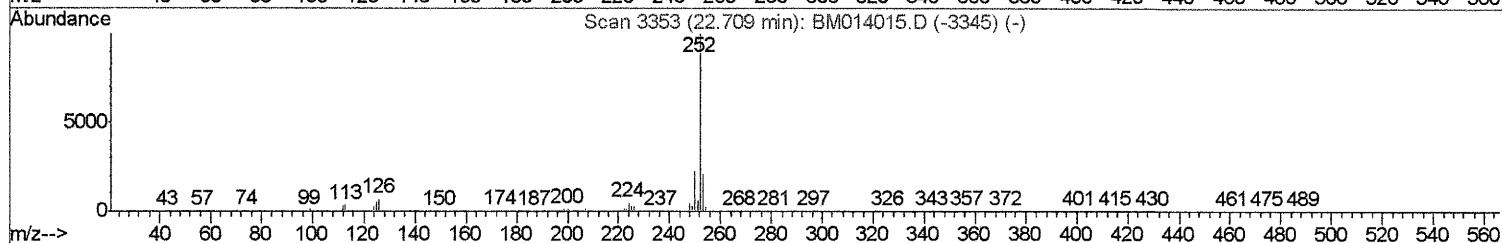
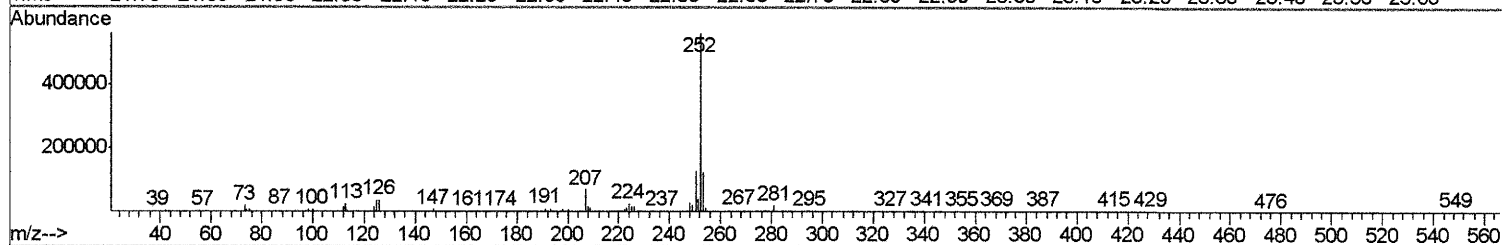
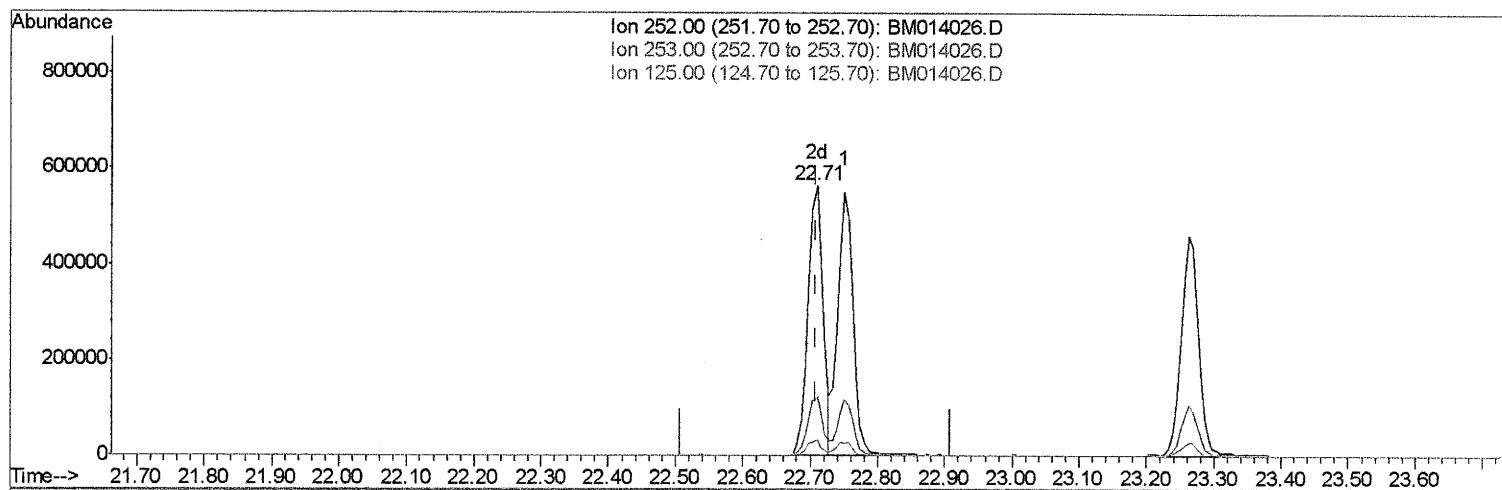
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APPROVED

Sohil
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TIC: BM014026.D

(85) Benzo(b)fluoranthene

22.709min (+0.000) 21.04ng/ul m > SJ 2/5/18

response 880565

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.82
125.00	4.50	6.01#
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	7.56	152	87452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	363952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	238615	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	598511	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	727443	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	681483	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	14845	6.71	ng/uL	0.00
5) Phenol-d5	6.75	99	125915	18.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	78028	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	110921	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	107736	20.88	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	51983	18.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	59870	20.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	125287	21.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	129300	25.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	403125	20.50	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	509433	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	49743	15.56	ng/ul	0.00
57) Fluorene-d10	15.22	176	367447	21.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	64390	17.87	ng/ul	0.00
70) Anthracene-d10	17.07	188	608615m	20.88	ng/ul	0.00
76) Pyrene-d10	19.37	212	693996	20.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	660533	21.09	ng/ul	0.00

SJ 2/8/18

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.16	88	16217	6.691	ng/uL#	67
4) Benzaldehyde	6.72	77	98914	21.290	ng/ul	96
6) Phenol	6.78	94	122993	18.265	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.00	93	97777	18.556	ng/ul	96
10) 2-Chlorophenol	7.13	128	107491	19.715	ng/ul	95
11) 2-Methylphenol	8.02	108	97308	19.604	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	94699	17.663	ng/ul#	70
14) Acetophenone	8.39	105	174384	20.418	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.37	70	91091	21.862	ng/ul#	71
16) 4-Methylphenol	8.35	108	103229	19.450	ng/ul	94
17) Hexachloroethane	8.62	117	54772	20.638	ng/ul	89
20) Nitrobenzene	8.76	77	144074	19.749	ng/ul	99
21) Isophorone	9.28	82	232103	19.691	ng/ul	96
23) 2-Nitrophenol	9.46	139	61485	19.771	ng/ul	93
24) 2,4-Dimethylphenol	9.53	107	141392	21.565	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.77	93	136584	19.007	ng/ul	94
27) 2,4-Dichlorophenol	10.00	162	116497m	20.969	ng/ul	
28) Naphthalene	10.39	128	360772	19.925	ng/ul	98
30) 4-Chloroaniline	10.52	127	125907	25.387	ng/ul#	85
31) Hexachlorobutadiene	10.66	225	101599	22.279	ng/ul	94
32) Caprolactam	11.30	113	32348m	20.930	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	117673	20.894	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	281740	20.870	ng/ul	92

SJ 2/8/18

SJ 2/8/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	179311	20.281	ng/ul	96
37) Hexachlorocyclopentadiene	12.35	237	52797	14.384	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	106688	20.846	ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	111788	20.992	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	393937	19.834	ng/ul	97
41) 2-Chloronaphthalene	13.08	162	317531	20.451	ng/ul	97
42) 2-Nitroaniline	13.31	65	91501	21.364	ng/ul	90
44) Dimethylphthalate	13.69	163	396850	20.524	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	79271	21.155	ng/ul#	92
47) Acenaphthylene	13.93	152	455678	19.859	ng/ul	98
48) 3-Nitroaniline	14.15	138	64816	21.995	ng/ul	92
49) Acenaphthene	14.28	153	324788	20.438	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	28465	13.252	ng/ul	97
52) 4-Nitrophenol	14.47	109	57882	17.828	ng/ul#	69
53) Dibenzofuran	14.62	168	505700	21.153	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	120127	21.993	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	14.86	232	110909	22.142	ng/ul	92
56) Diethylphthalate	15.06	149	415988	21.377	ng/ul	97
58) Fluorene	15.27	166	416020	21.244	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	229411	21.680	ng/ul	99
60) 4-Nitroaniline	15.32	138	68309	19.811	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.38	198	64582	16.984	ng/ul	100
64) N-Nitrosodiphenylamine	15.49	169	346856	19.704	ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	146785	20.765	ng/ul	96
66) Hexachlorobenzene	16.27	284	157694	20.724	ng/ul#	88
67) Atrazine	16.45	200	145194	20.667	ng/ul	96
68) Pentachlorophenol	16.63	266	66649	16.483	ng/ul	96
69) Phenanthrene	17.02	178	680963	20.469	ng/ul	100
71) Anthracene	17.10	178	694763	20.247	ng/ul	98
72) Carbazole	17.39	167	562455	19.857	ng/ul	100
73) Di-n-butylphthalate	17.95	149	703492	21.117	ng/ul	99
74) Fluoranthene	19.04	202	832249	20.957	ng/ul#	96
77) Pyrene	19.40	202	886012	20.035	ng/ul#	96
78) Butylbenzylphthalate	20.32	149	316543	20.320	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.10	252	266339	22.132	ng/ul	96
80) Benzo(a)anthracene	21.16	228	883417	20.098	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	464934	19.892	ng/ul	98
82) Chrysene	21.22	228	815818	20.232	ng/ul	99
84) Di-n-octyl phthalate	21.96	149	793219	19.314	ng/ul	99
85) Benzo(b)fluoranthene	22.71	252	880565m)	21.040	ng/ul	99
86) Benzo(k)fluoranthene	22.75	252	867384	21.442	ng/ul	100
88) Benzo(a)pyrene	23.26	252	813667	20.580	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	943014	20.206	ng/ul	99
90) Dibenzo(a,h)anthracene	25.54	278	793947	20.145	ng/ul#	94
91) Benzo(g,h,i)perylene	26.20	276	773985	20.150	ng/ul	98

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