

Instrument :
BNA_M
ClientSampleId :
SSTD00508

Sohil
1/10/2018 5:55:10 PM

[illegible]

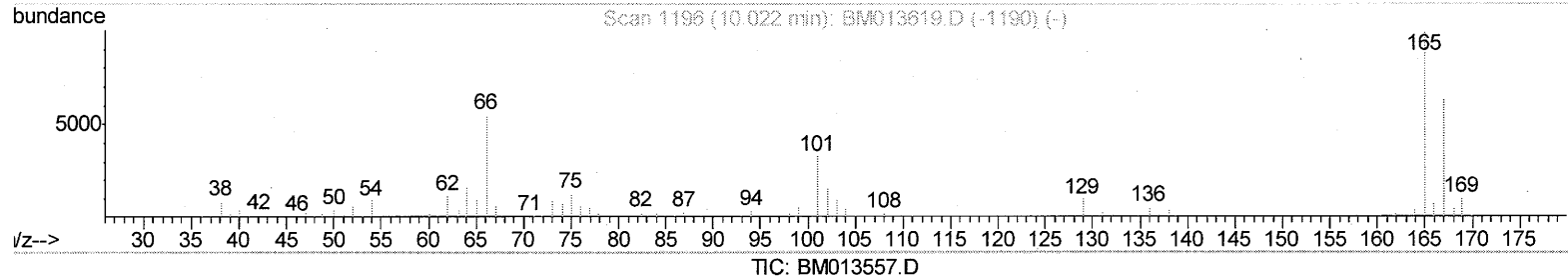
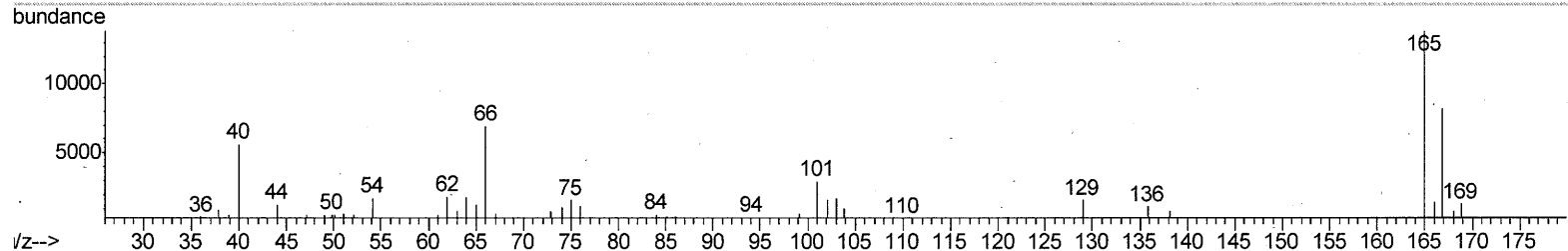
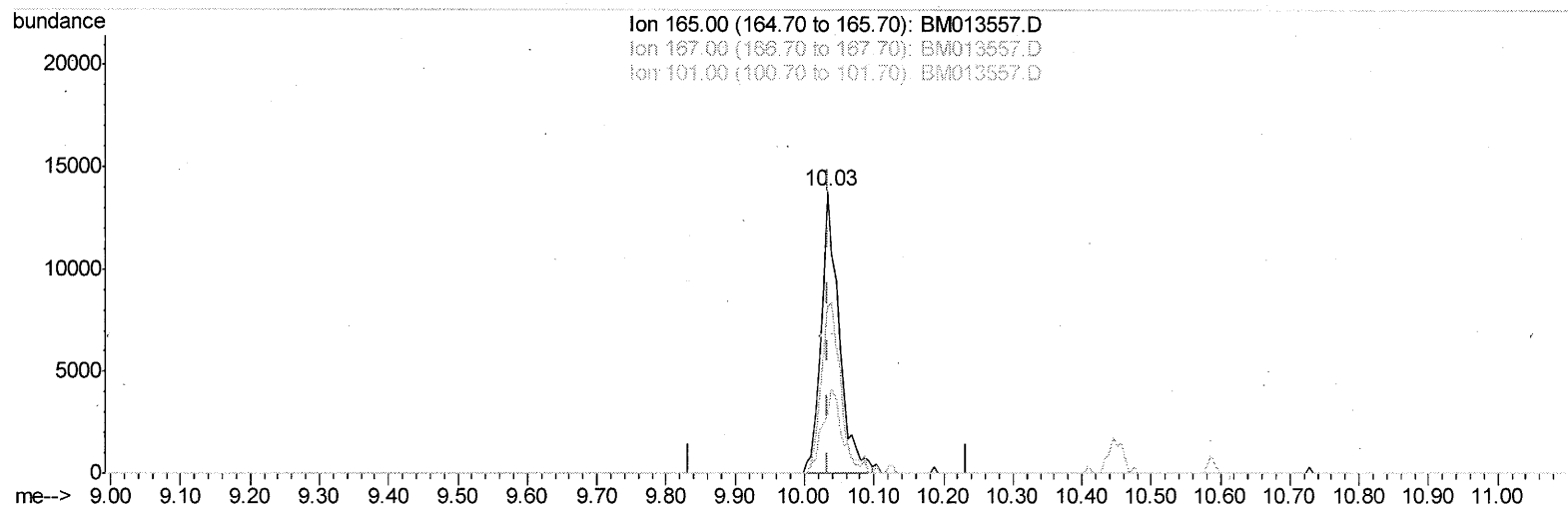
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 Data File : BM013557.D
 Acq On : 10 Jan 2018 09:14
 Operator : SJ/JU
 Sample : SST00508
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Jan 10 12:21:41 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 12:03:11 2018
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.033min (-0.000) 4.21ng/ul m

response 24845

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	58.92
101.00	29.30	21.13#
0.00	0.00	0.00

SJ 01/18/18

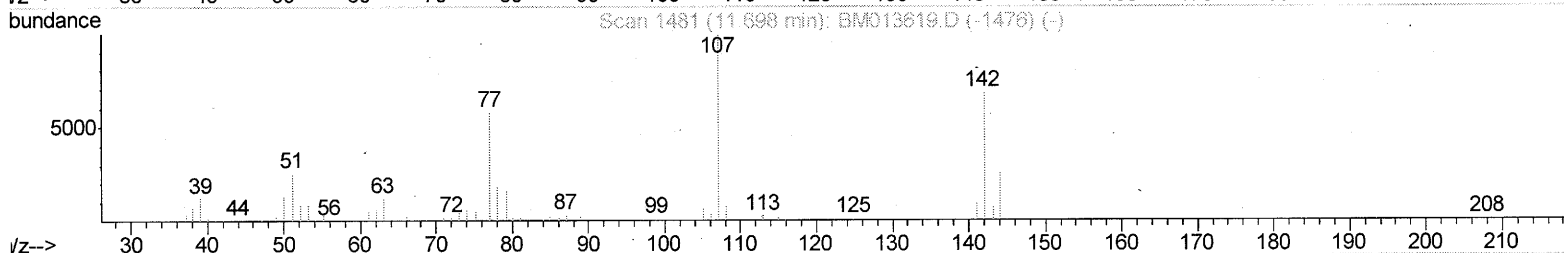
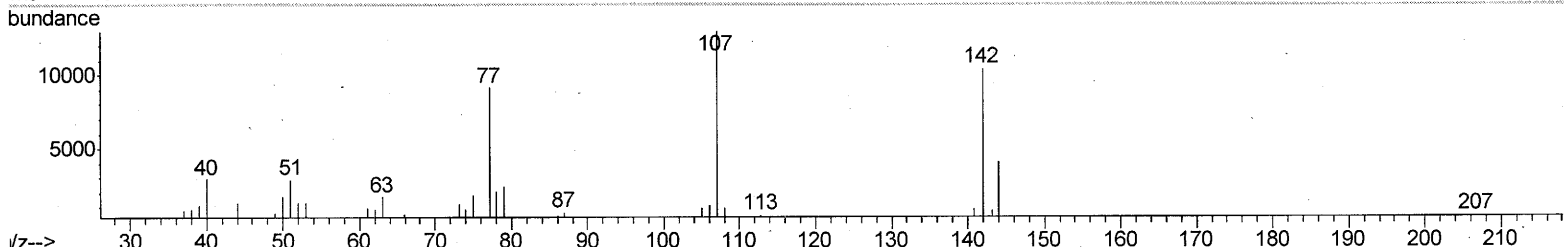
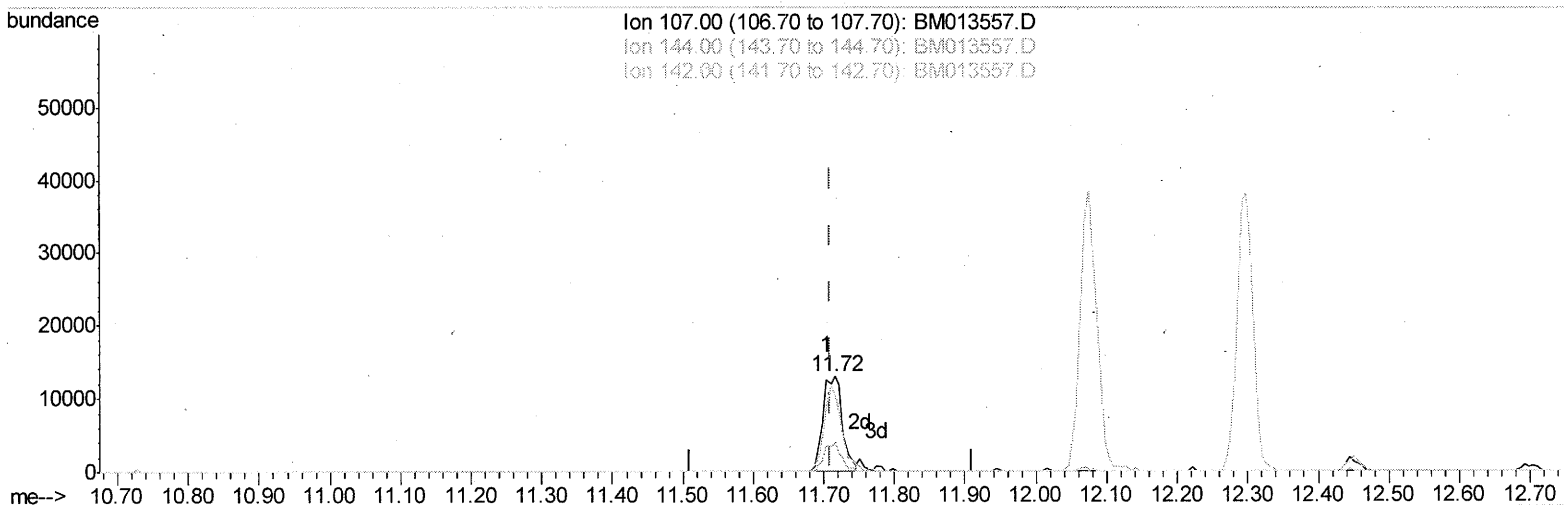
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TIC: BM013557.D

(33) 4-Chloro-3-methylphenol (C)

11.716min (+0.006) 4.08ng/ul m

response 24454

Ion	Exp%	Act%
107.00	100	100
144.00	25.50	31.46#
142.00	75.60	80.01
0.00	0.00	0.00

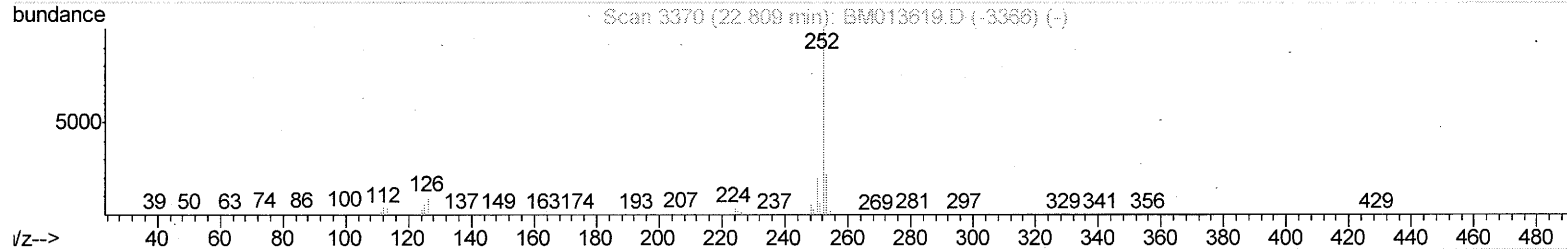
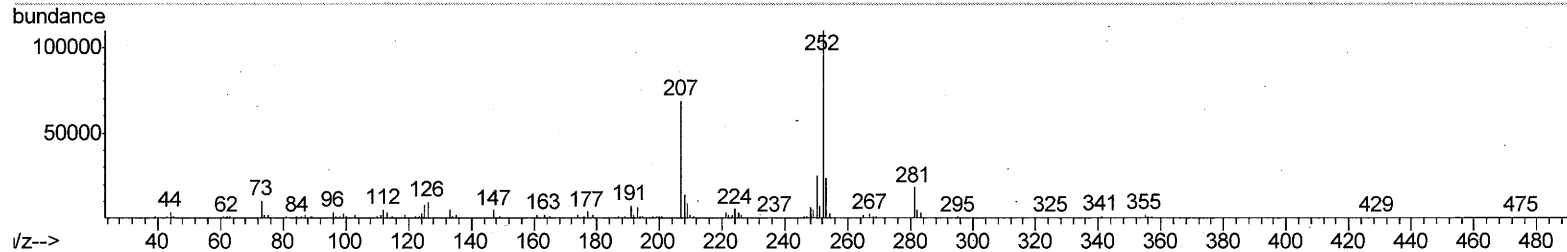
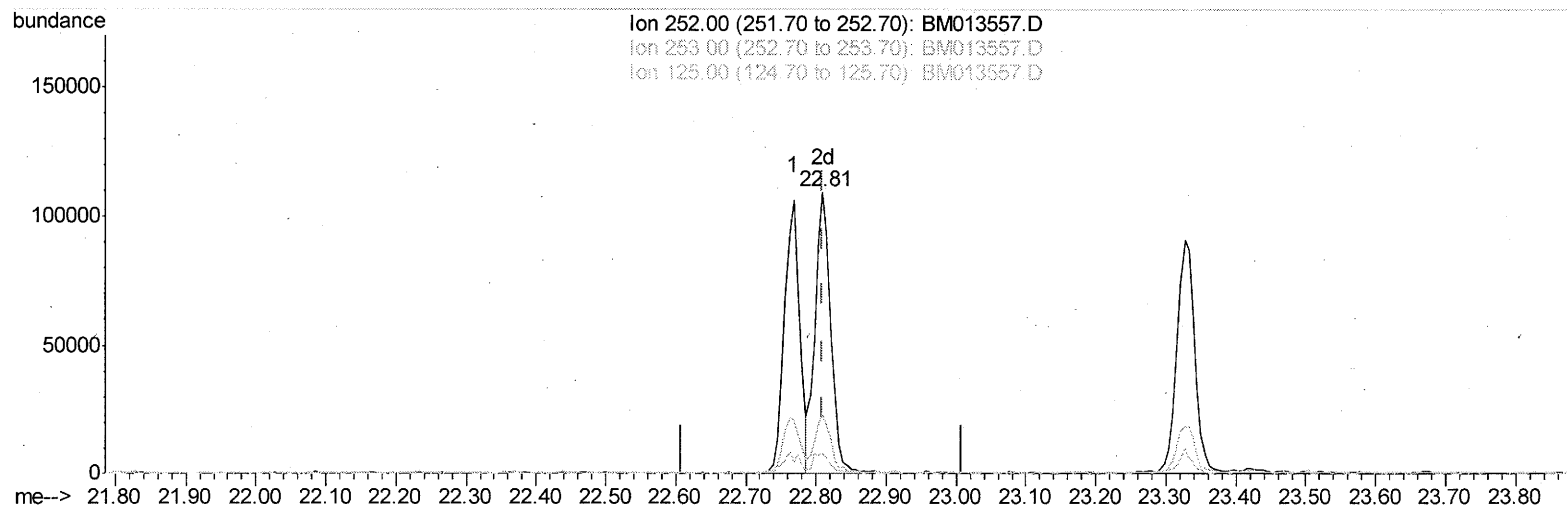
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TIC: BM013557.D

(86) Benzo(k)fluoranthene

22.809min (-0.000) 4.64ng/ul m

response 171135

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.39
125.00	4.30	7.38#
0.00	0.00	0.00

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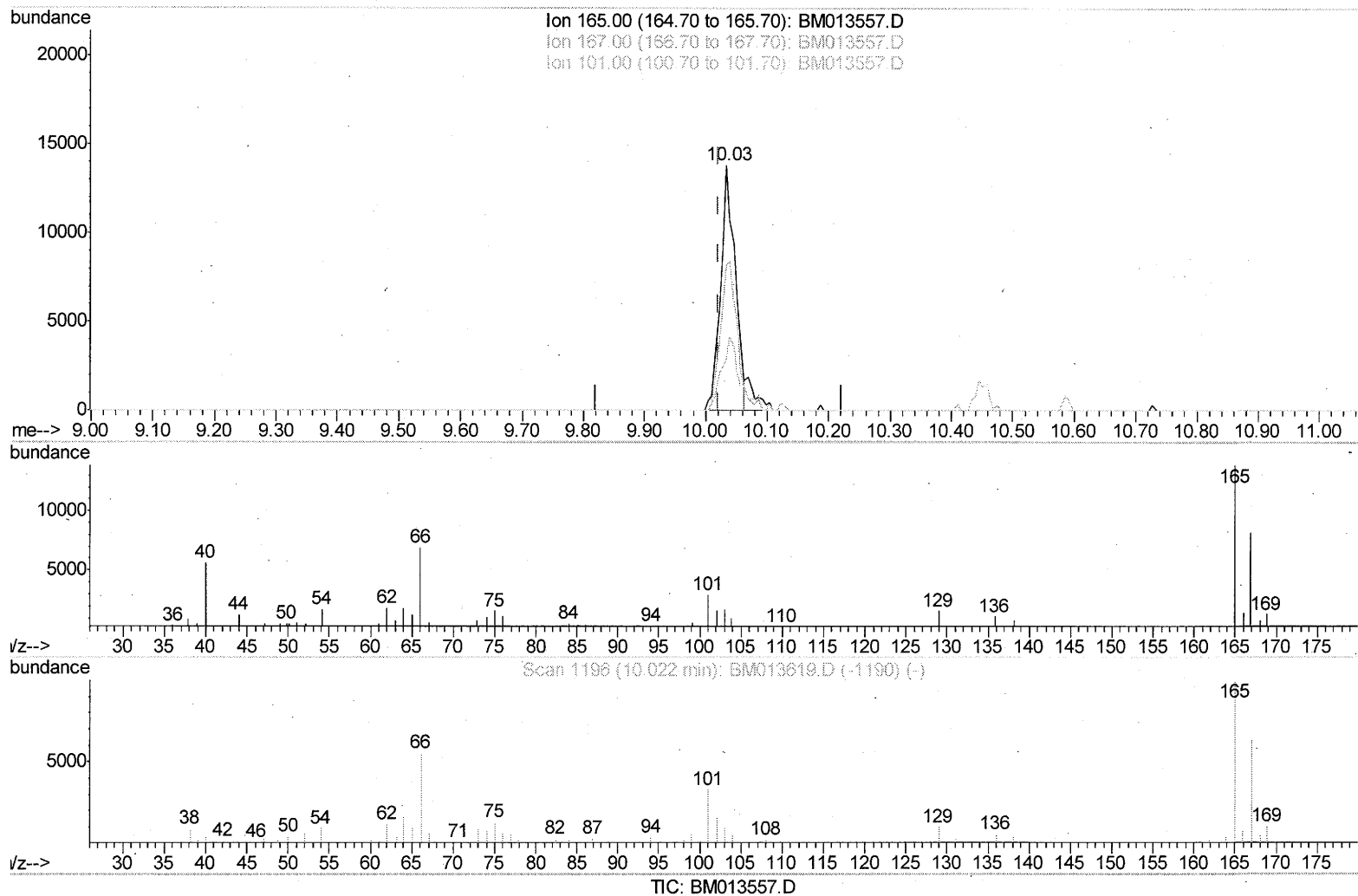
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Quant Time: Jan 18 11:06:43 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 17 00:57:07 2018
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.033min (+0.012) 4.28ng/ul

response 22894

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	58.92
101.00	29.30	21.13#
0.00	0.00	0.00

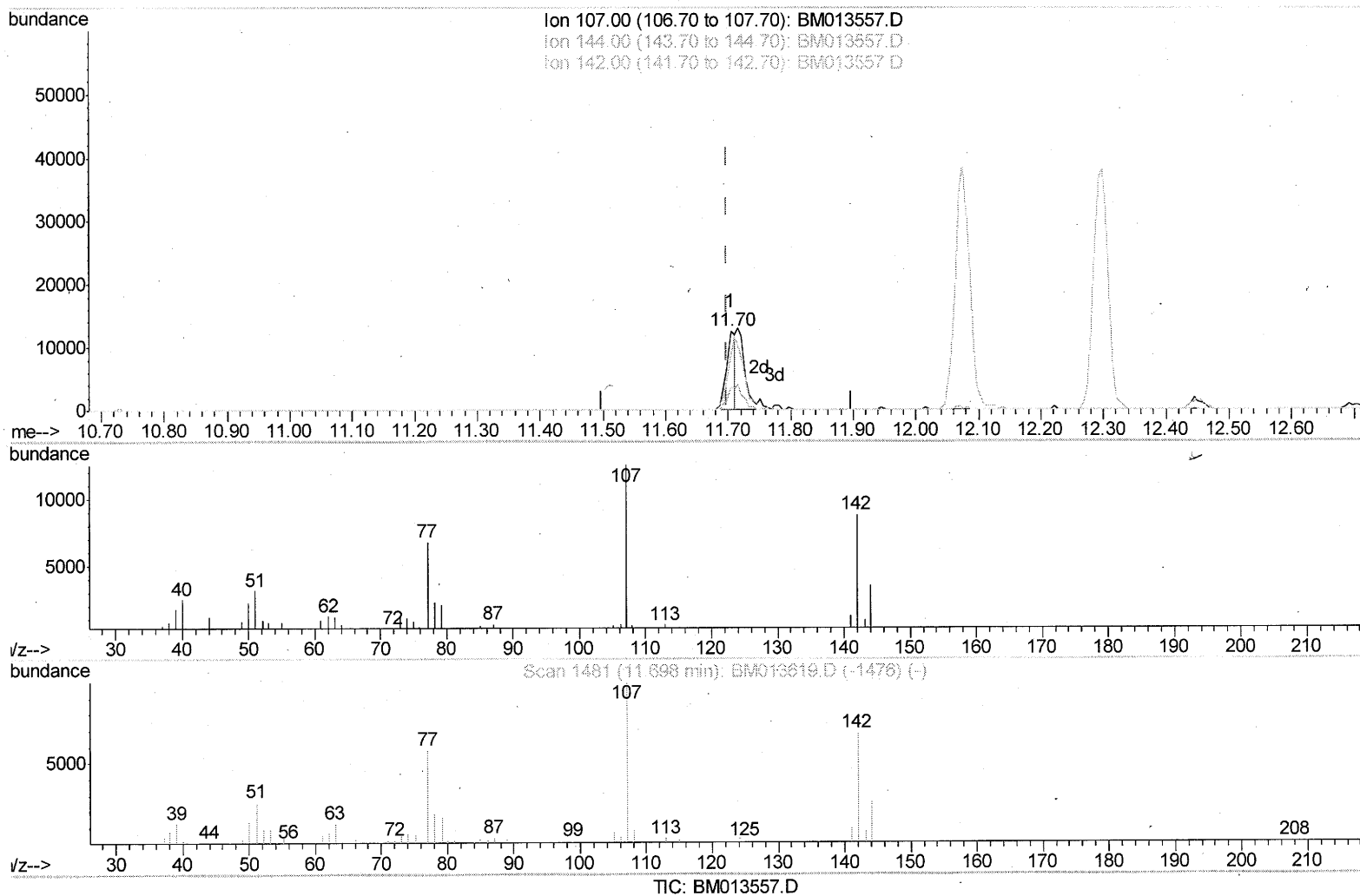
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 17 00:57:07 2018
 Response via : Initial Calibration



(33) 4-Chloro-3-methylphenol (C)

11.704min (+0.006) 2.37ng/ul

response 12401

Ion	Exp%	Act%
107.00	100	100
144.00	25.50	27.77
142.00	75.60	70.13
0.00	0.00	0.00

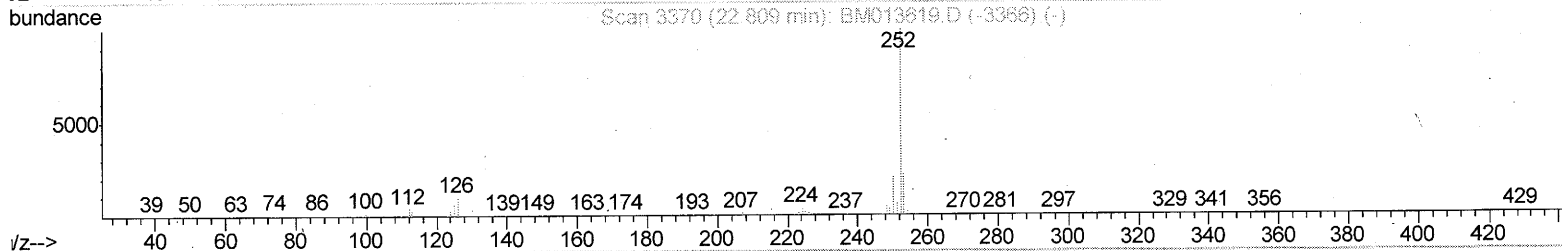
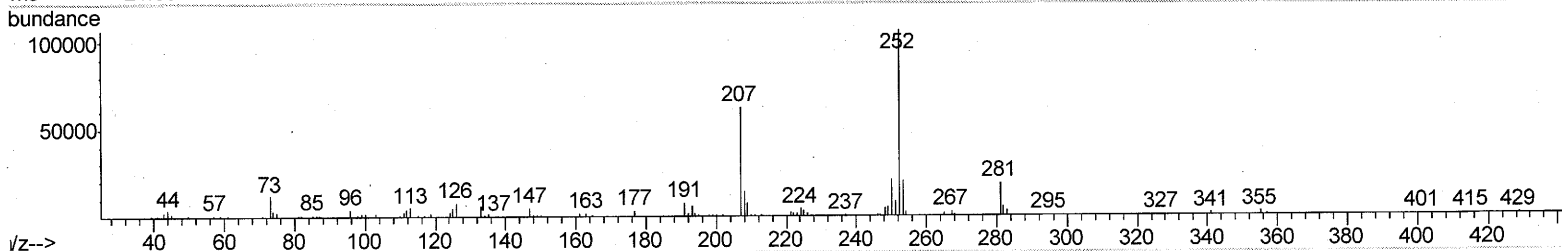
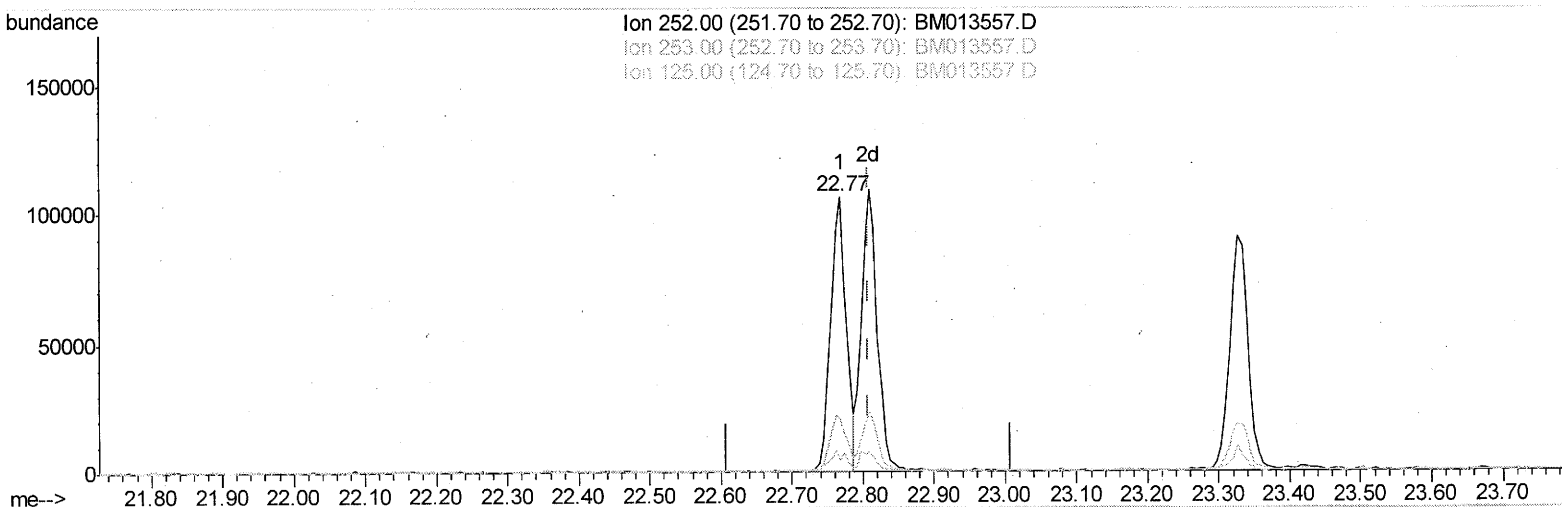
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TIC: BM013557.D

(86) Benzo(k)fluoranthene

22.768min (-0.041) 4.73ng/ul

response 163228

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	18.96
125.00	4.30	4.30
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	7.63	152	89354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	337810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	201383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	473002	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	568664	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	581947	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4860	2.69	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.16	132	26598	4.40	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.78	128	13214	4.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	13147	4.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	24845m>	4.21	ng/ul>	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.69	166	82839	4.62	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	101796	4.60	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.27	176	70373	4.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.13	188	112989	4.77	ng/ul	0.00
76) Pyrene-d10	19.43	212	124916	4.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	129465	4.37	ng/ul	0.00

Target Compounds	Qvalue					
2) 1,4-Dioxane	3.20	88	6372	3.146	ng/uL#	54
10) 2-Chlorophenol	7.19	128	27750	4.685	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.43	70	20541	4.060	ng/ul#	64
17) Hexachloroethane	8.69	117	15043	5.833	ng/ul#	65
20) Nitrobenzene	8.82	77	34922	5.175	ng/ul	96
21) Isophorone	9.35	82	53893	4.538	ng/ul#	95
23) 2-Nitrophenol	9.53	139	14563	4.899	ng/ul#	78
24) 2,4-Dimethylphenol	9.60	107	29349	4.527	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.83	93	31921	4.593	ng/ul#	93
27) 2,4-Dichlorophenol	10.06	162	24095	4.415	ng/ul#	92
28) Naphthalene	10.45	128	81835	4.709	ng/ul	98
31) Hexachlorobutadiene	10.73	225	22706	5.744	ng/ul	95
33) 4-Chloro-3-methylphenol	11.72	107	24454m>	4.085	ng/ul	91
34) 2-Methylnaphthalene	12.07	142	62601	4.792	ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	37863	5.211	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.70	196	19398	4.282	ng/ul	97
39) 2,4,5-Trichlorophenol	12.78	196	20292	4.217	ng/ul	96
40) 1,1'-Biphenyl	13.10	154	82350	4.838	ng/ul#	98
41) 2-Chloronaphthalene	13.14	162	64552	4.834	ng/ul	92
42) 2-Nitroaniline	13.36	65	15482	3.957	ng/ul	97
44) Dimethylphthalate	13.74	163	84726	4.943	ng/ul#	96
45) 2,6-Dinitrotoluene	13.87	165	14177	4.056	ng/ul#	90
47) Acenaphthylene	13.99	152	93629	4.575	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.34	153	66679	4.783	ng/ul	98
53) Dibenzofuran	14.68	168	101570	4.935	ng/ul	97
54) 2,4-Dinitrotoluene	14.66	165	18159	3.571	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	14.92	232	19530	4.426	ng/ul#	93
56) Diethylphthalate	15.11	149	79243	4.610	ng/ul	94
58) Fluorene	15.33	166	81855	4.808	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	45726	4.948	ng/ul	96
64) N-Nitrosodiphenylamine	15.54	169	70569	5.065	ng/ul	94
65) 4-Bromophenyl-phenylether	16.23	248	28051	5.045	ng/ul	90
66) Hexachlorobenzene	16.33	284	30643	4.997	ng/ul#	84
69) Phenanthrene	17.07	178	130978	4.874	ng/ul	98
71) Anthracene	17.16	178	134836	4.909	ng/ul	97
73) Di-n-butylphthalate	18.00	149	117298	4.253	ng/ul#	96
77) Pyrene	19.46	202	168138	4.867	ng/ul#	96
78) Butylbenzylphthalate	20.37	149	49411	3.660	ng/ul	95
80) Benzo(a)anthracene	21.20	228	167317	4.637	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	73987	3.636	ng/ul	96
82) Chrysene	21.26	228	159556	4.767	ng/ul	98
85) Benzo(b)fluoranthene	22.77	252	163228	4.161	ng/ul	94
86) Benzo(k)fluoranthene	22.81	252	171135m>	4.636	ng/ul	94
88) Benzo(a)pyrene	23.33	252	163944	4.652	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.63	276	207003	5.920	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.63	278	172197	5.784	ng/ul#	96
91) Benzo(g,h,i)perylene	26.30	276	167606	6.077	ng/ul#	94

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