

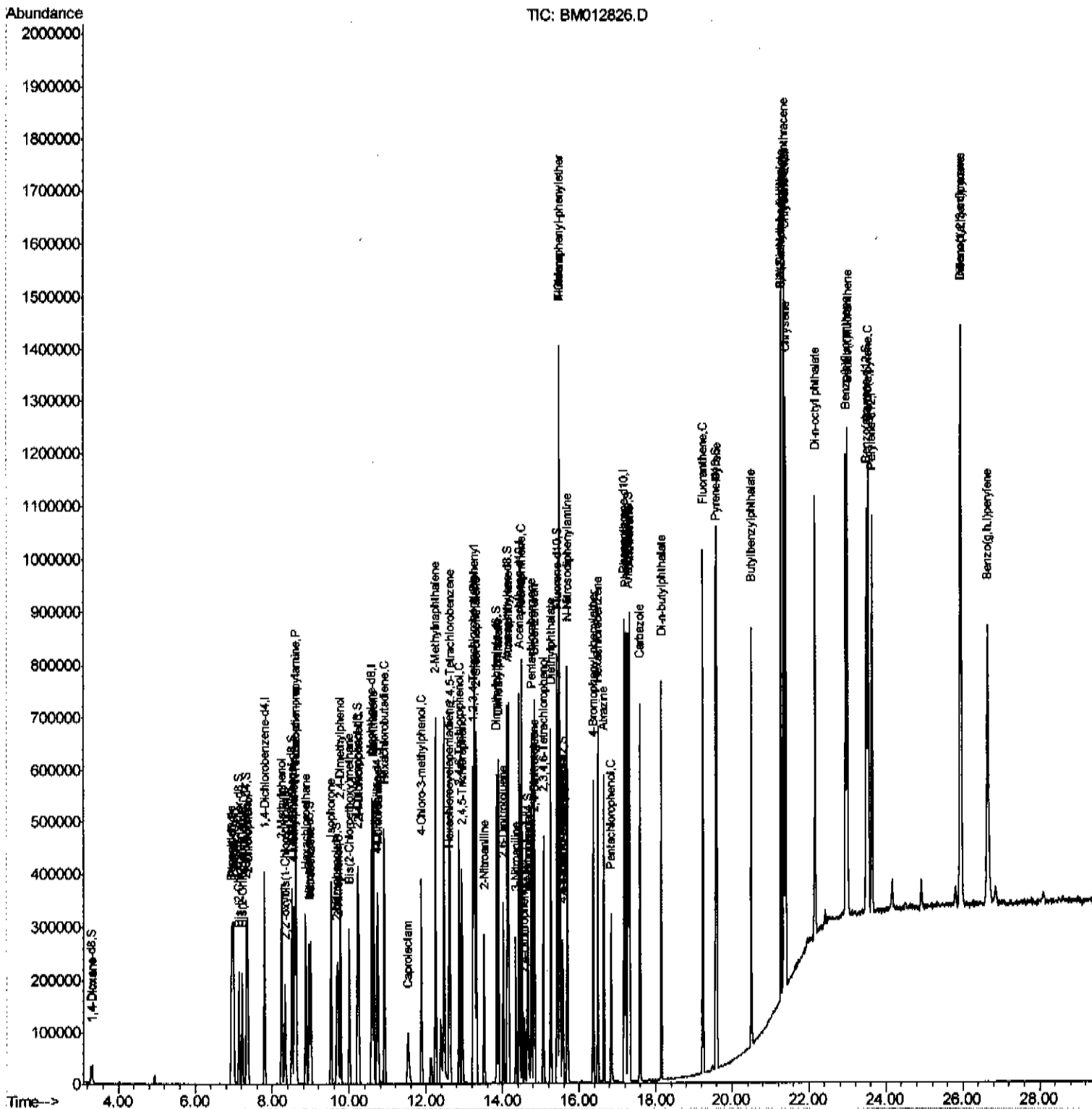
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012826.D
 Acq On : 08 Nov 2017 18:08
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02006

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:35 PM

Quant Time: Nov 09 03:46:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
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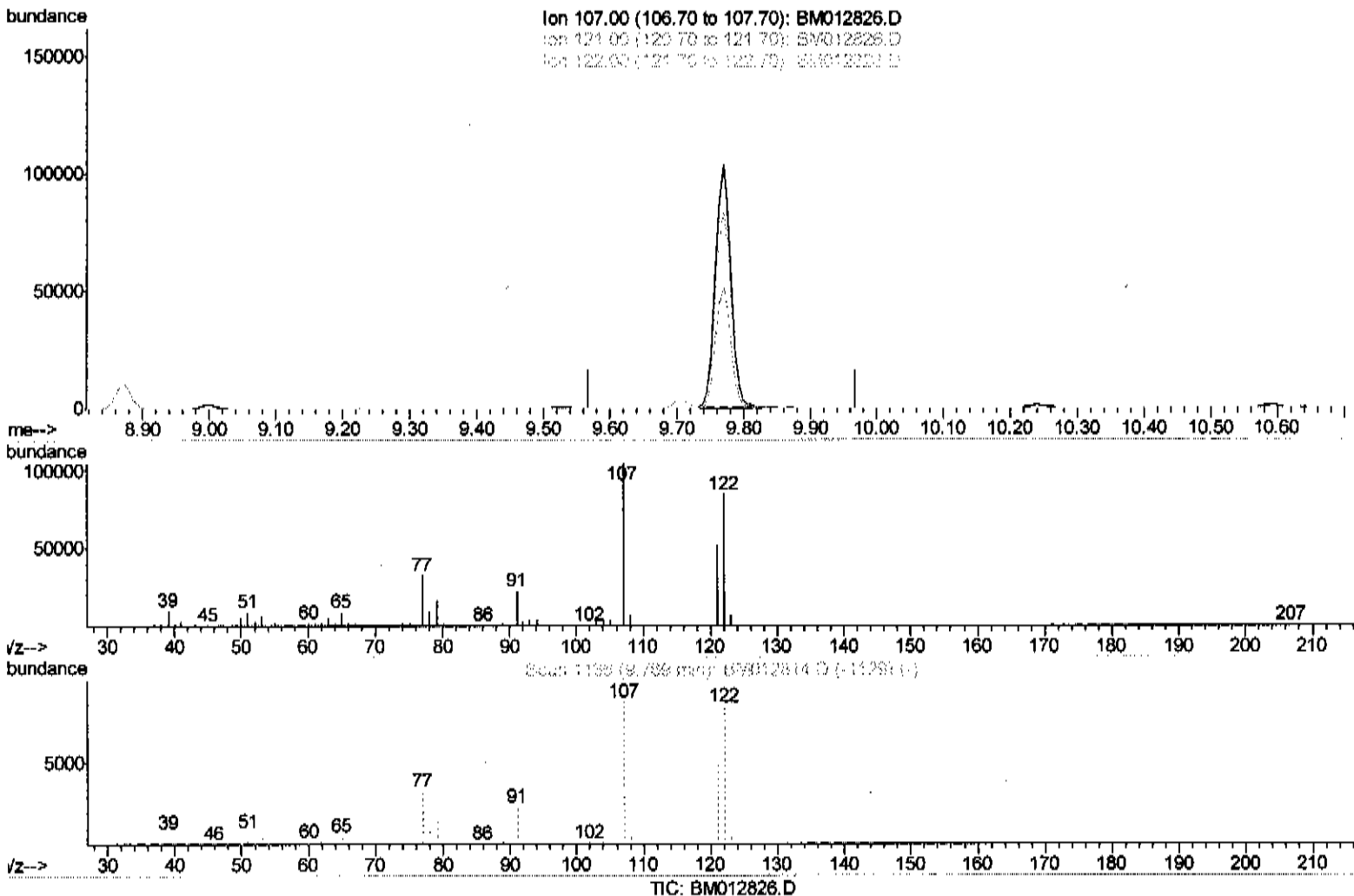
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(24) 2,4-Dimethylphenol

9.769min (-9.769) 0.00ng/ul

response 0

Ion	Exp%	Act%
107.00	100	0.00
121.00	50.80	0.00#
122.00	84.70	0.00#
0.00	0.00	0.00

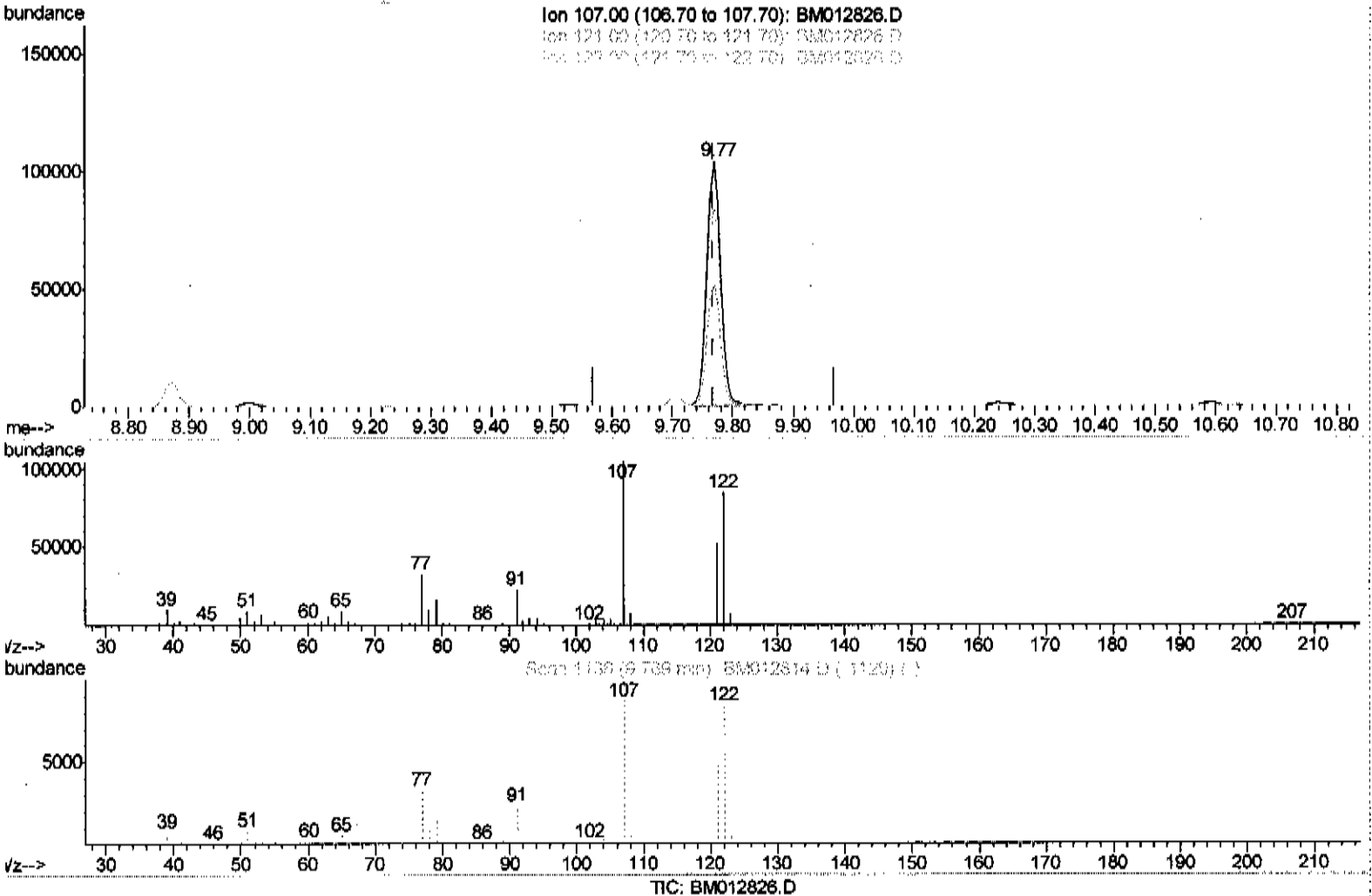
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(24) 2,4-Dimethylphenol

9.769min (+0.000) 19.51ng/ul m

30 11/13/17

response 163332

Ion	Exp%	Act%
107.00	100	100
121.00	50.80	49.54
122.00	84.70	80.66
0.00	0.00	0.00

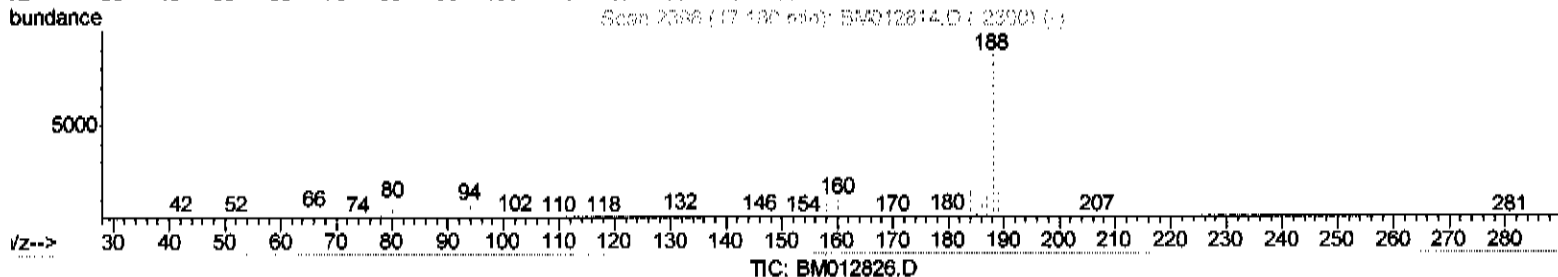
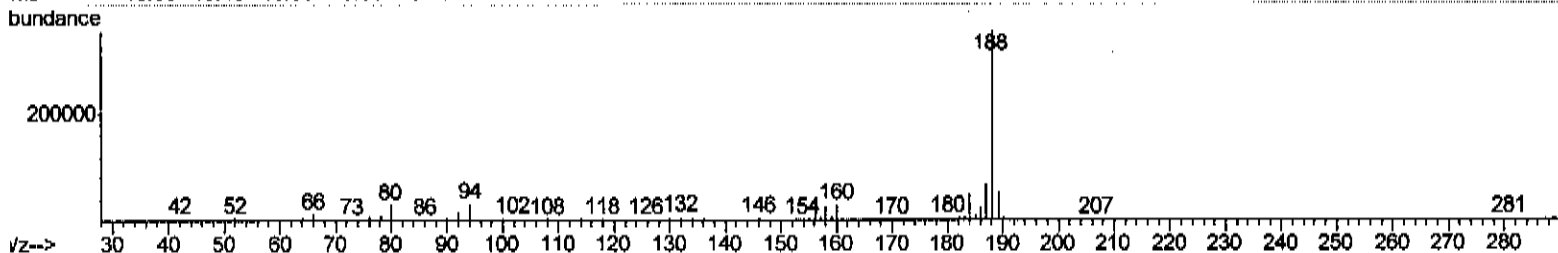
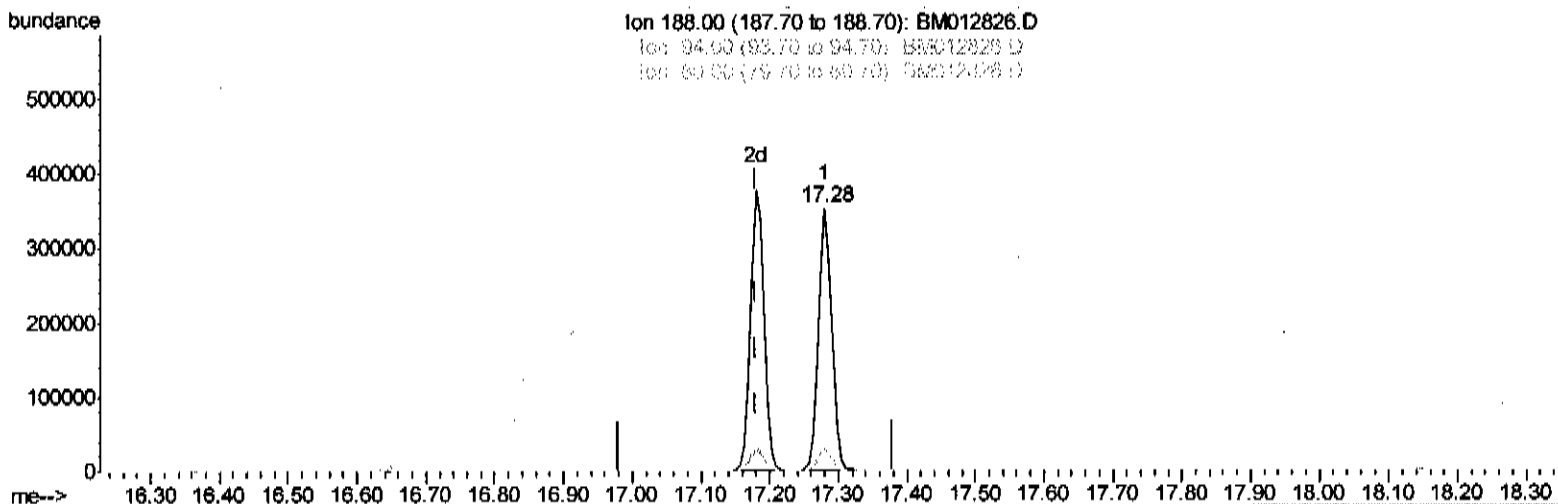
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(61) Phenanthrene-d10 (I)

17.280min (+0.100) 20.00ng/ul

response 473443

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.49
80.00	9.70	8.08
0.00	0.00	0.00

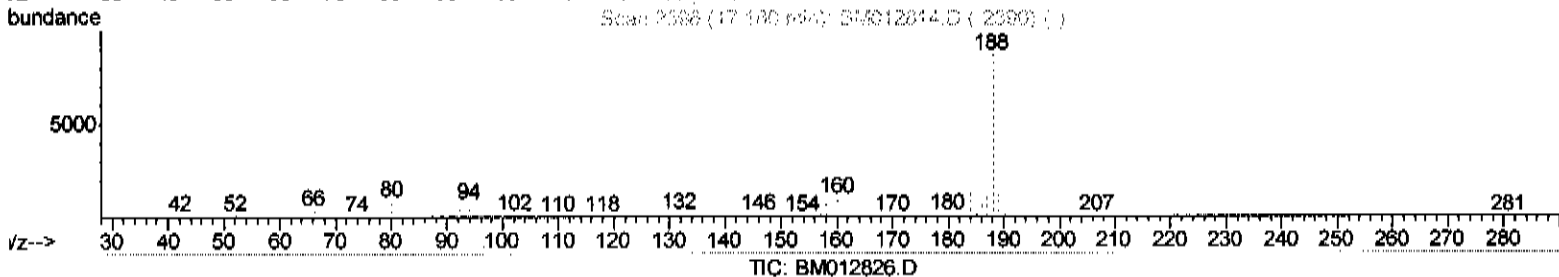
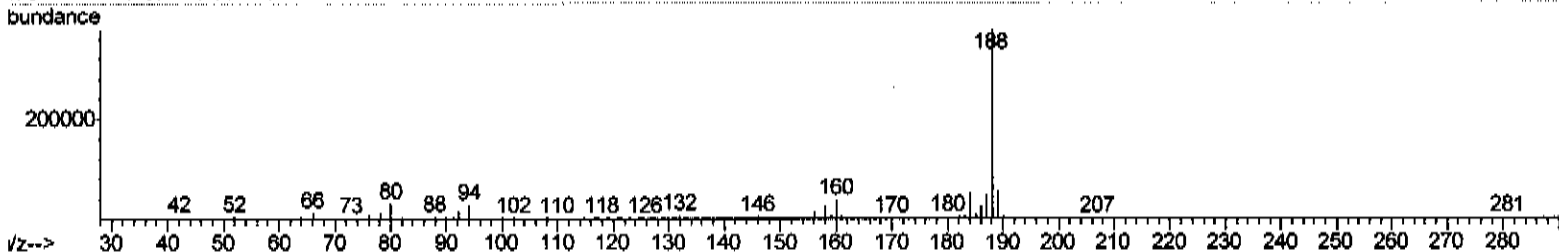
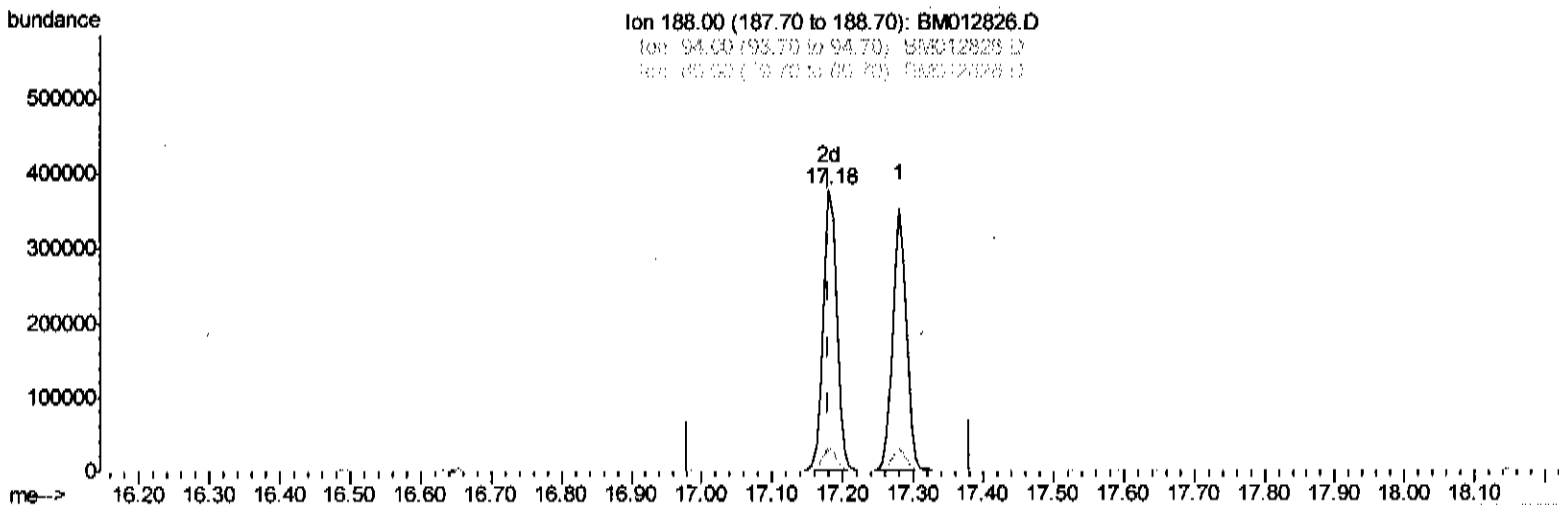
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(61) Phenanthrene-d10 (I)

17.180min (+0.000) 20.00ng/ul m

SJ 11/13/17

response 506680

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.15#
80.00	9.70	8.04
0.00	0.00	0.00

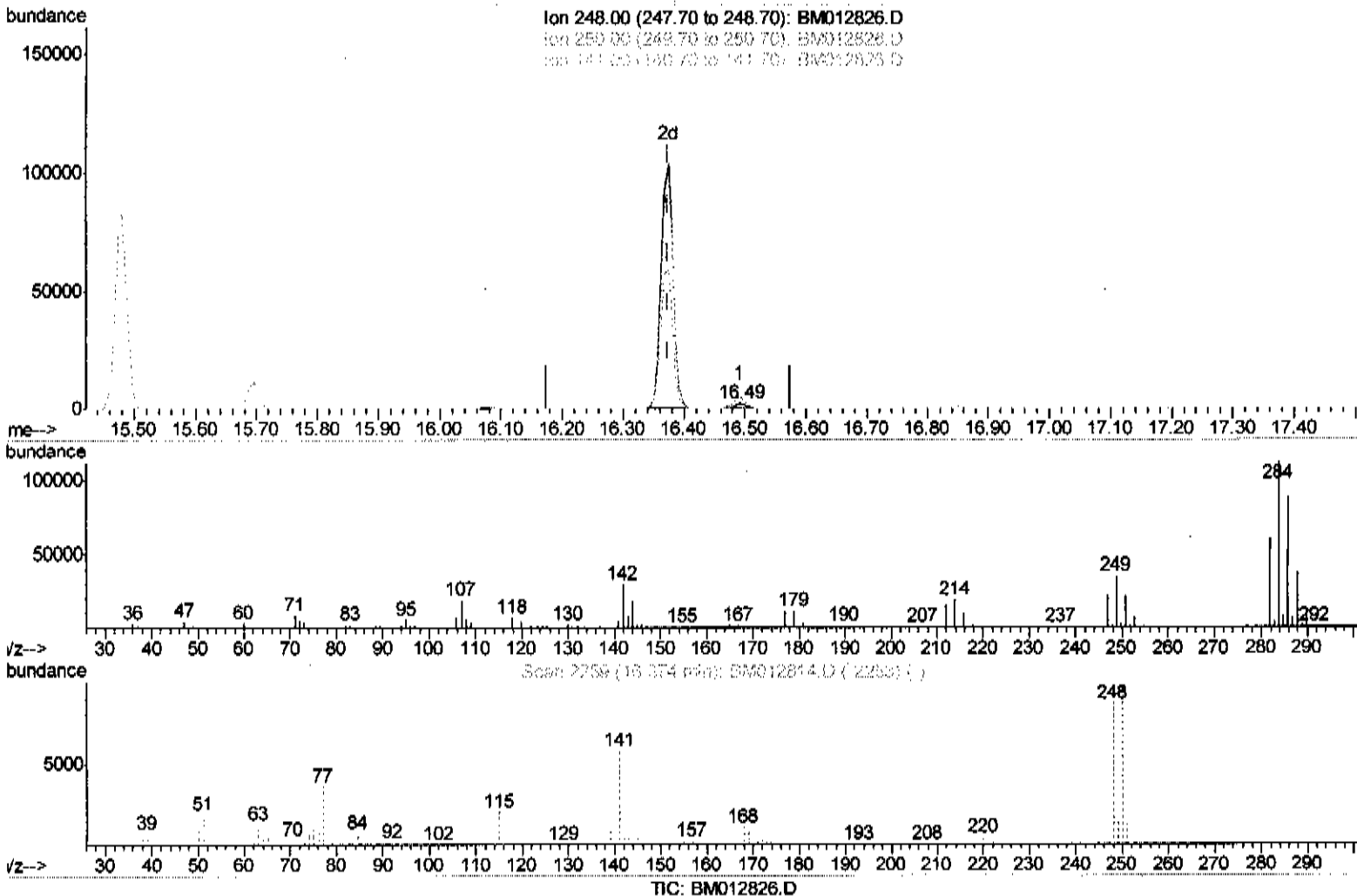
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(65) 4-Bromophenyl-phenylether

16.492min (+0.118) 0.38ng/ul

response 2517

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	141.61#
141.00	90.20	248.06#
0.00	0.00	0.00

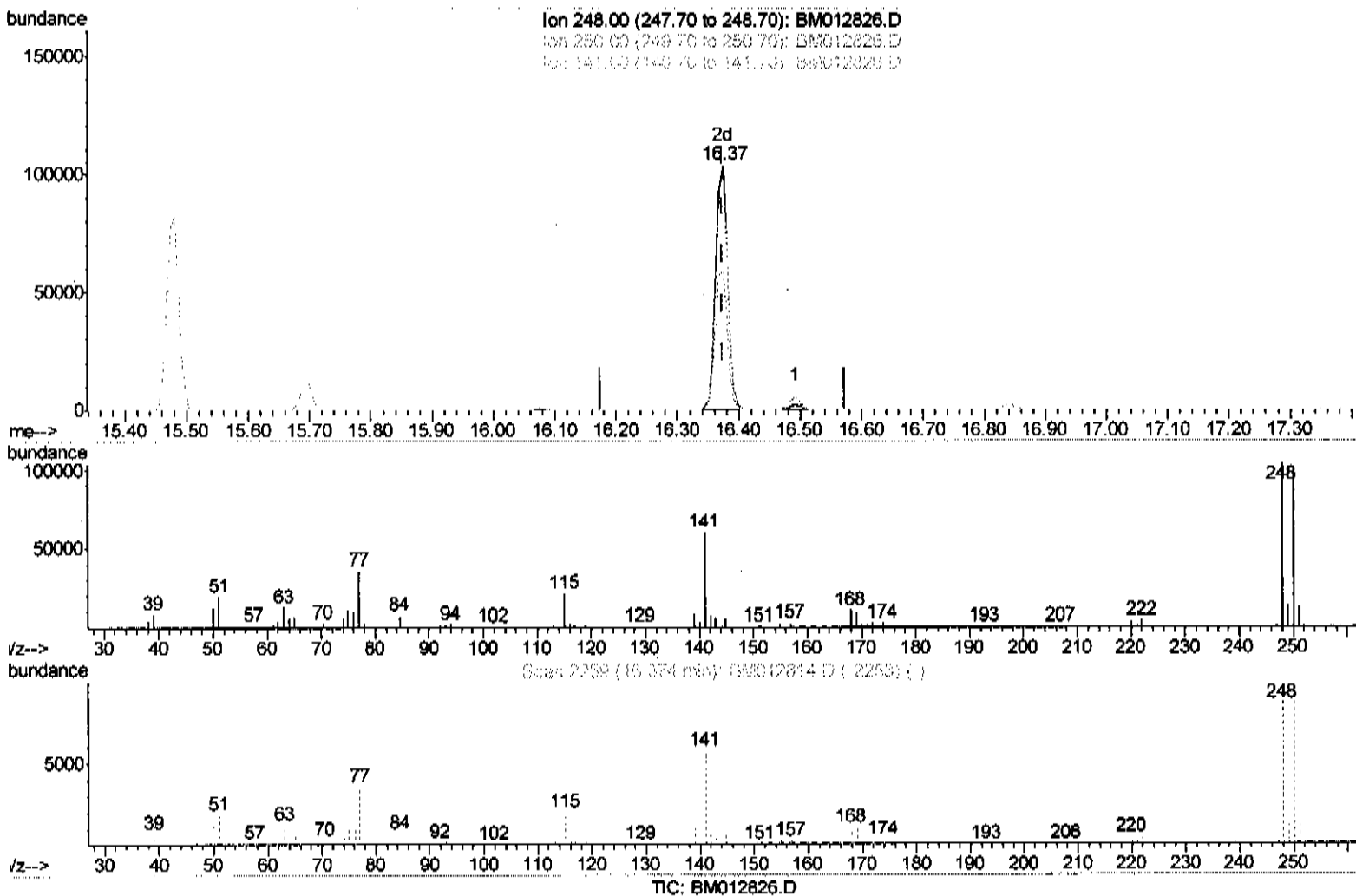
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(6S) 4-Bromophenyl-phenylether

16.374min (+0.000) 20.89ng/ul m

response 137525

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	93.76
141.00	90.20	57.02#
0.00	0.00	0.00

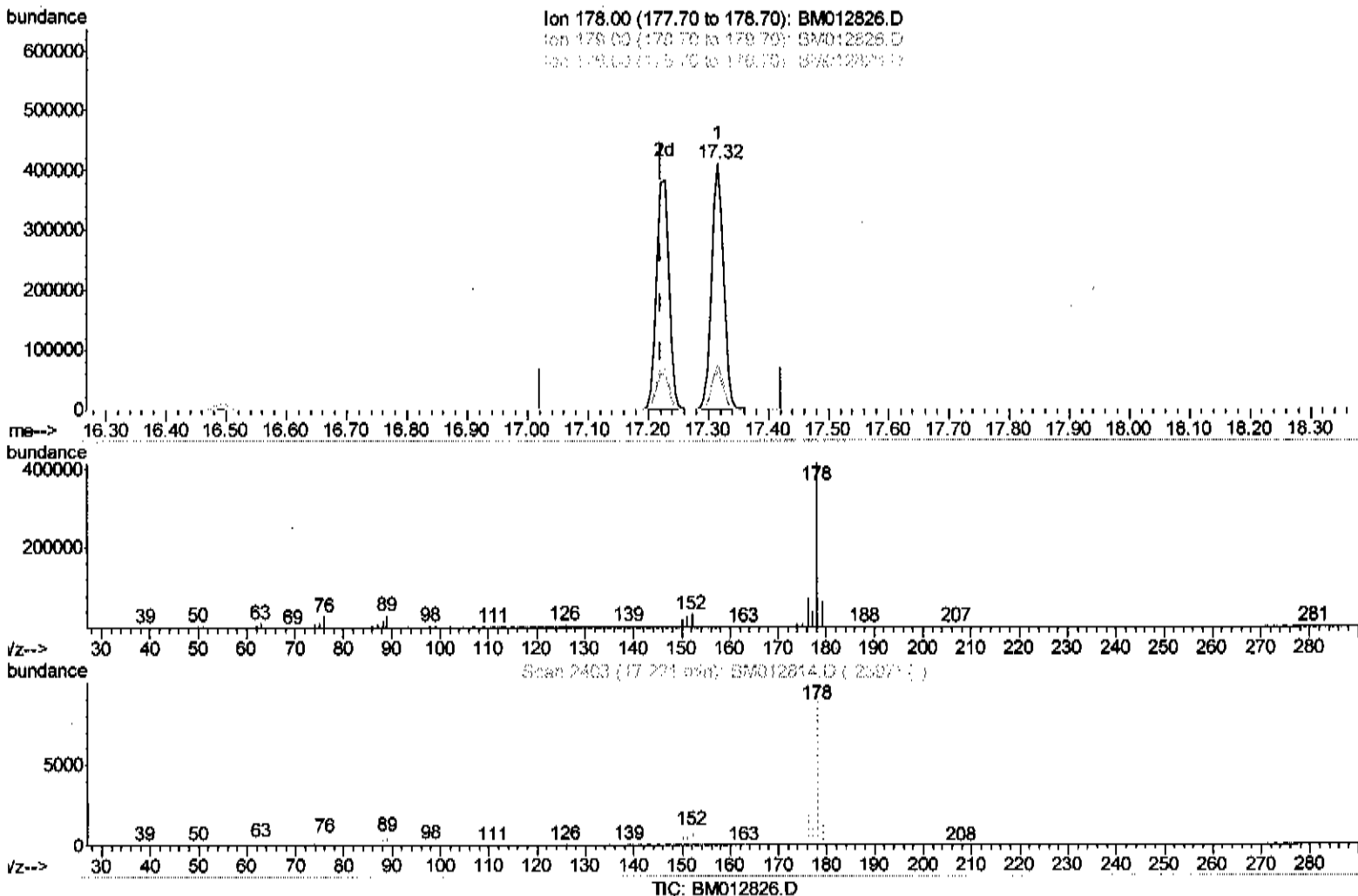
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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(69) Phenanthrene

17.315min (+0.094) 20.44ng/ul

response 566169

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	14.97
176.00	19.50	18.17
0.00	0.00	0.00

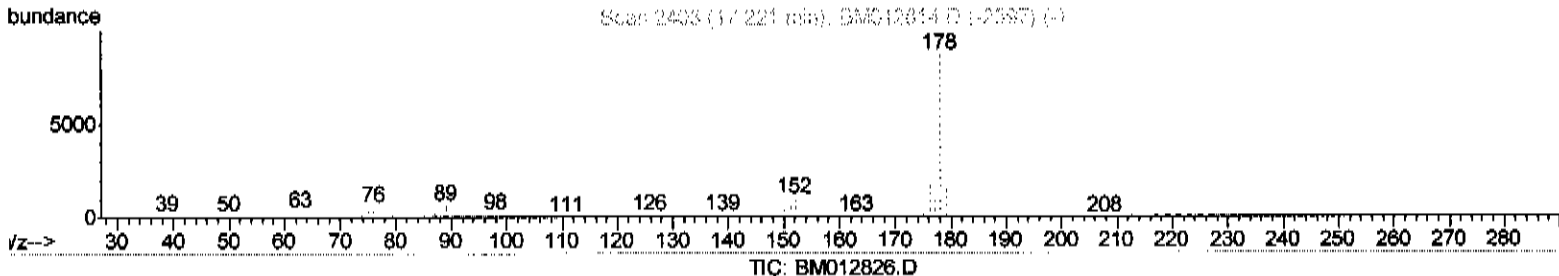
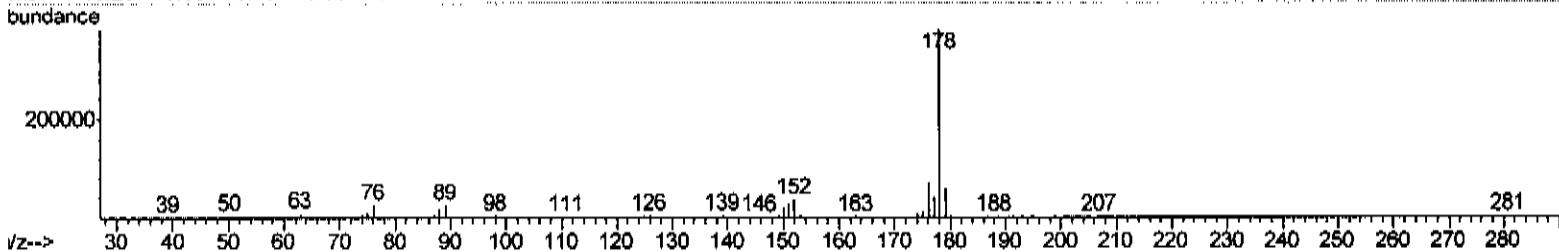
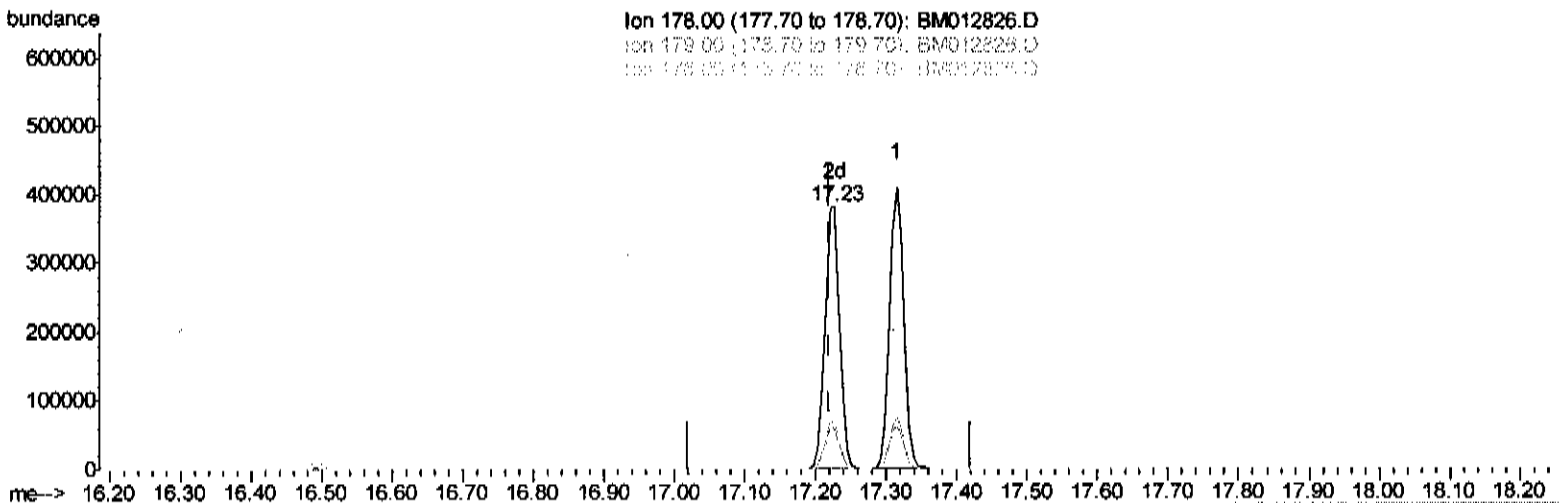
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(69) Phenanthrene

17.227min (+0.006) 19.71ng/ul m

50 11/13/17

response 545915

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	14.95
176.00	19.50	17.73
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	7.80	152	111970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	452257	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	250014	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	506680m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	521337	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	579079	20.00	ng/ul	0.00

11/13/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	15933	7.69	ng/uL	0.00
5) Phenol-d5	6.97	99	166596	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	89357	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	138691	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	144374	20.08	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	66772	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	76294	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	153268	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	170008	22.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	401112	19.39	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	517158	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	53479	16.13	ng/ul	0.00
57) Fluorene-d10	15.43	176	330252	18.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	51538	15.41	ng/ul	0.00
70) Anthracene-d10	17.28	188	473443	19.34	ng/ul	0.00
78) Pyrene-d10	19.57	212	480742	19.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	527881	19.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.32	88	17312	7.44	ng/uL	97
4) Benzaldehyde	6.95	77	104768	23.64	ng/ul	98
6) Phenol	7.00	94	169207	19.78	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	129363	20.18	ng/ul	99
10) 2-Chlorophenol	7.36	128	142930	19.99	ng/ul	99
11) 2-Methylphenol	8.25	108	128129	19.69	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	112888	21.31	ng/ul	94
14) Acetophenone	8.62	105	214513	19.82	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	104039	20.00	ng/ul	97
16) 4-Methylphenol	8.57	108	141755	20.07	ng/ul	100
17) Hexachloroethane	8.87	117	55297	19.22	ng/ul#	73
20) Nitrobenzene	9.00	77	151898	19.31	ng/ul	98
21) Isophorone	9.52	82	279005	19.70	ng/ul	99
23) 2-Nitrophenol	9.70	139	83119	20.19	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	163332m	19.51	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	173643	19.67	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	149035	19.51	ng/ul	97
28) Naphthalene	10.64	128	444837	19.67	ng/ul	99
30) 4-Chloroaniline	10.75	127	170821	22.46	ng/ul	98
31) Hexachlorobutadiene	10.92	225	114501	19.06	ng/ul	97
32) Caprolactam	11.53	113	37559	17.48	ng/ul	96
33) 4-Chloro-3-methylphenol	11.88	107	141776	19.09	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	329081	19.04	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.62	216	198617	20.52	ng/ul#	96
37) Hexachlorocyclopentadiene	12.60	237	86401	17.53	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	125255	20.48	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	125637	19.69	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	430431	20.81	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	339677	20.79	ng/ul	94
42) 2-Nitroaniline	13.52	65	74960	19.42	ng/ul	91
44) Dimethylphthalate	13.89	163	399540	19.46	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	79358	19.31	ng/ul	99
47) Acenaphthylene	14.16	152	502049	20.24	ng/ul	99
48) 3-Nitroaniline	14.35	138	74159	21.40	ng/ul#	98
49) Acenaphthene	14.50	153	331500	19.62	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	37206	14.49	ng/ul	92
52) 4-Nitrophenol	14.67	109	43439	14.85	ng/ul	97
53) Dibenzofuran	14.84	168	478162	19.40	ng/ul	91
54) 2,4-Dinitrotoluene	14.82	165	109673	18.15	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.07	232	105424	17.80	ng/ul#	82
56) Diethylphthalate	15.26	149	370054	18.56	ng/ul	99
58) Fluorene	15.49	166	384001	18.76	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	214728	18.88	ng/ul#	85
60) 4-Nitroaniline	15.51	138	74379	18.44	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.58	198	53816	15.28	ng/ul	96
64) N-Nitrosodiphenylamine	15.69	169	322578	21.09	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	137525m	20.89	ng/ul	-
66) Hexachlorobenzene	16.49	284	148036	19.92	ng/ul#	85
67) Atrazine	16.64	200	119062	19.49	ng/ul	94
68) Pentachlorophenol	16.84	266	68422	16.11	ng/ul	98
69) Phenanthrene	17.23	178	545915m	19.71	ng/ul	-
71) Anthracene	17.32	178	566169	19.72	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	192919	23.29	ng/uL	100
73) Pentachlorobenzene	14.76	250	186896	22.05	ng/uL	97
74) Carbazole	17.59	167	455953	19.04	ng/ul	98
75) Di-n-butylphthalate	18.14	149	549052	19.57	ng/ul	99
76) Fluoranthene	19.24	202	605397	18.19	ng/ul#	94
79) Pvrene	19.60	202	622374	20.01	ng/ul#	93
80) Butylbenzylphthalate	20.50	149	226864	20.00	ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.28	252	213184	18.49	ng/ul#	98
82) Benzo(a)anthracene	21.34	228	620278	19.66	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	335575	20.31	ng/ul#	95
84) Chrysene	21.40	228	557074	19.48	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	569781	18.71	ng/ul	99
87) Benzo(b)fluoranthene	22.96	252	656945	18.56	ng/ul#	97
88) Benzo(k)fluoranthene	23.00	252	651250	19.36	ng/ul#	96
90) Benzo(a)pyrene	23.54	252	650664	19.32	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.95	276	831021	20.48	ng/ul#	88
92) Dibenzo(a,h)anthracene	25.96	278	693321	20.18	ng/ul#	93
93) Benzo(a,h,i)perylene	26.66	276	691048	20.66	ng/ul#	89

10/11/13/17

10/11/13/17

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