

(QT Reviewed)

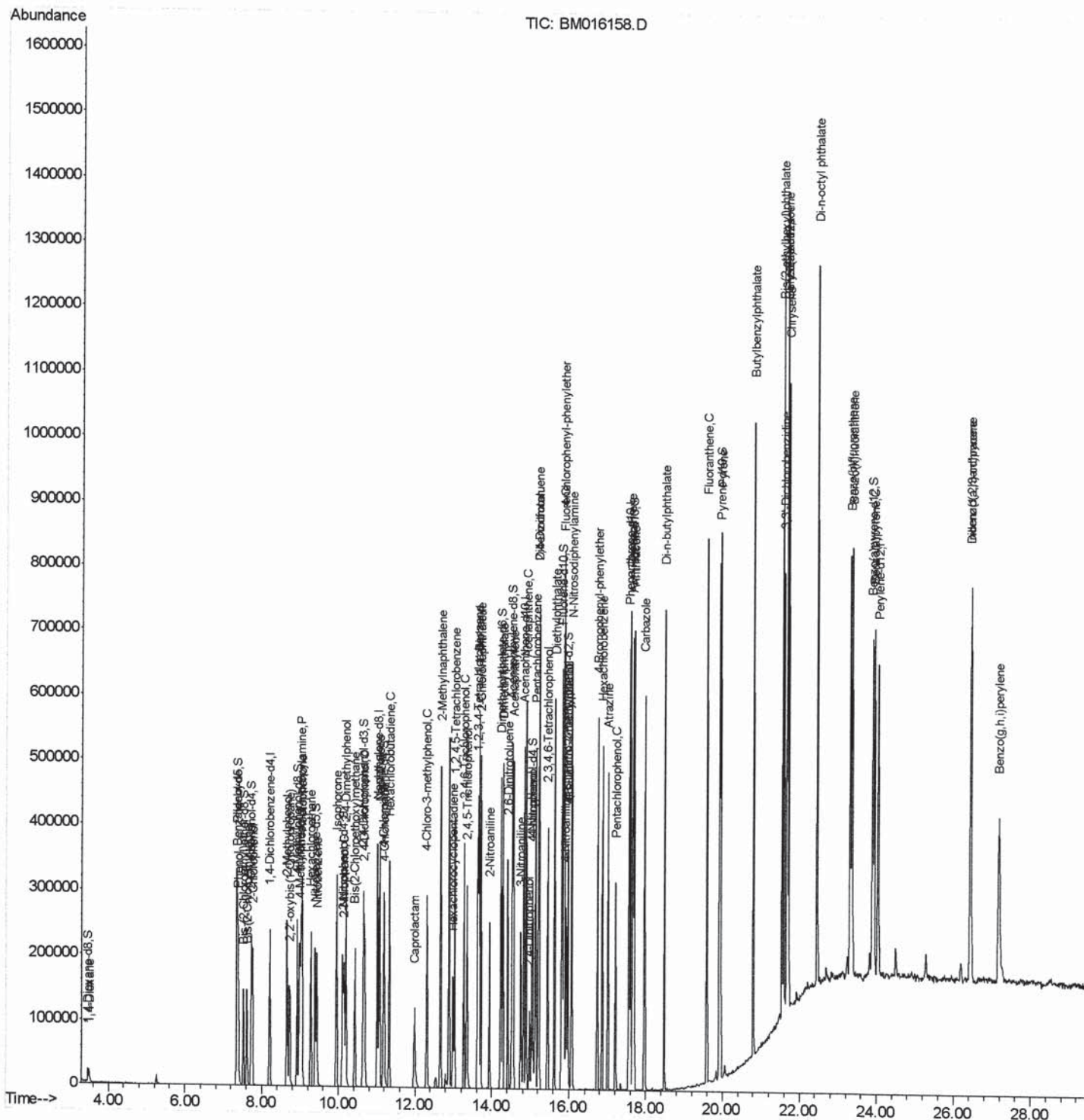
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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\  
Data File : BM016158.D  
Acq On : 02 Aug 2018 02:42  
Operator : SJ/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1
```

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations
APPROVED

Sohil
8/2/2018 2:19:46 PM

Quant Time: Aug 02 07:46:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 02 02:25:21 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

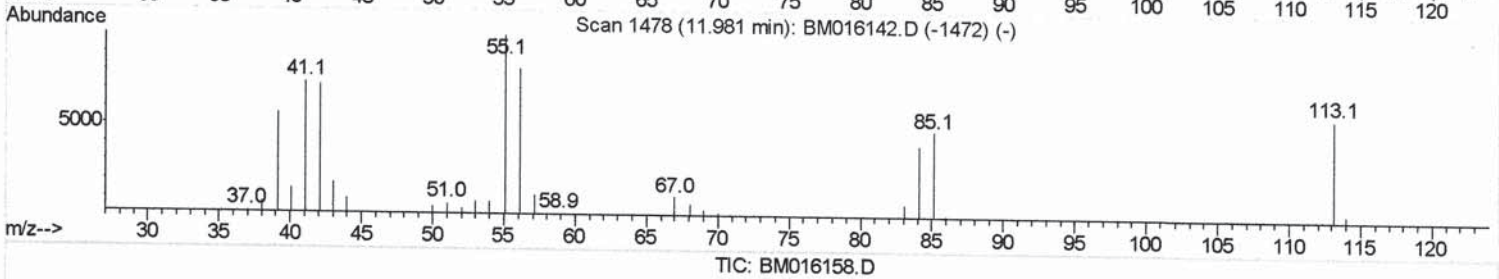
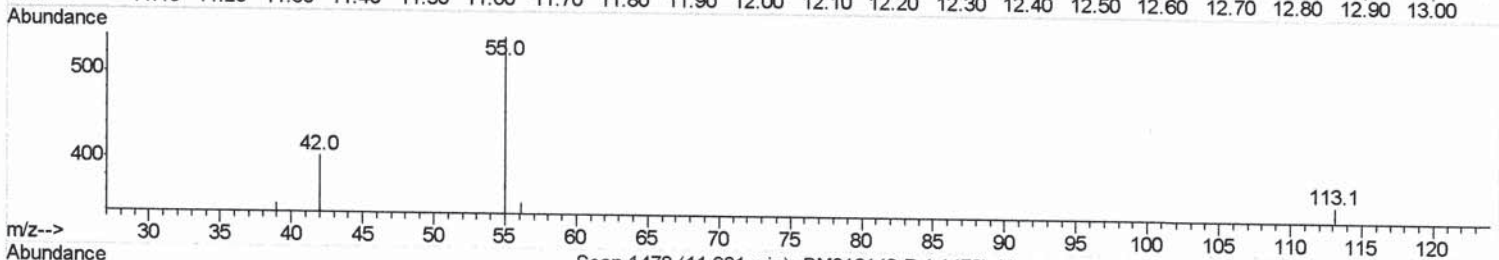
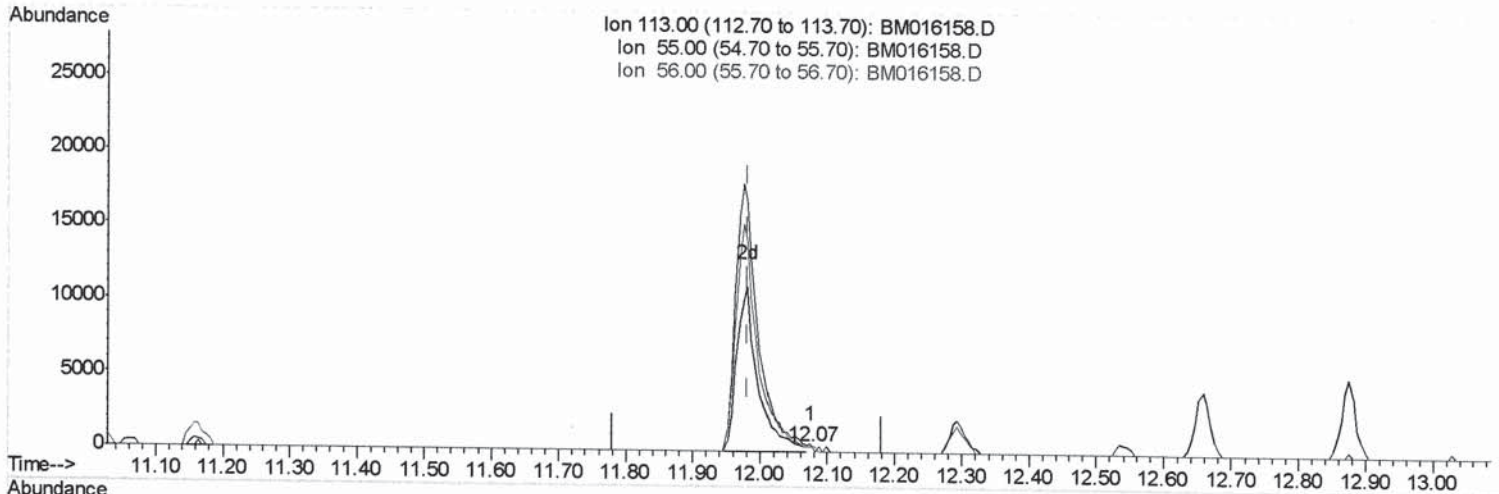
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(32) Caprolactam

12.075min (+0.094) 0.19ng/ul

response 251

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	151.97
56.00	101.50	98.31
0.00	0.00	0.00

Quantitation Report (Qedit)

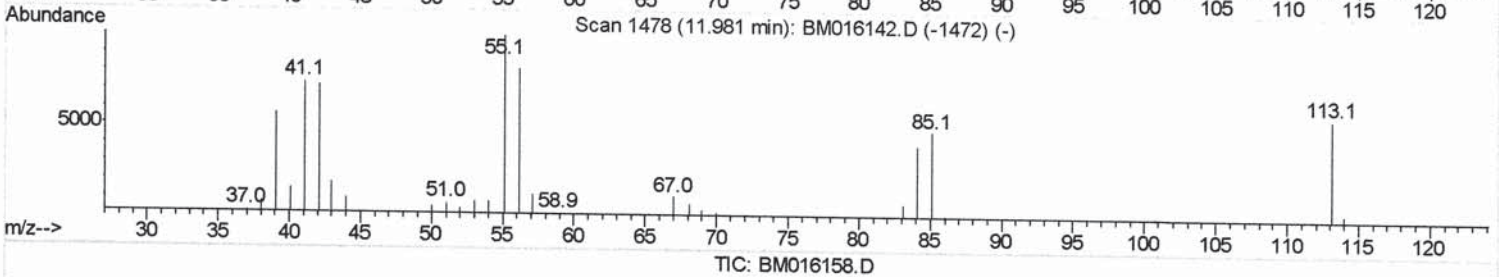
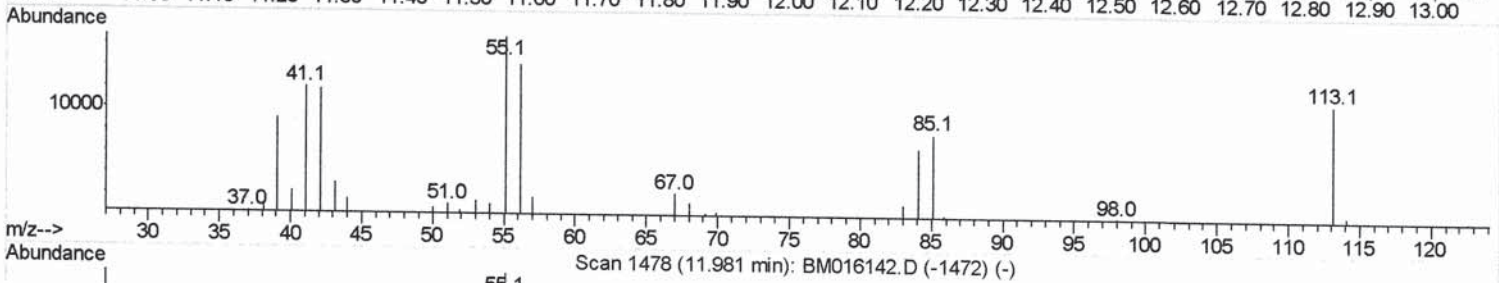
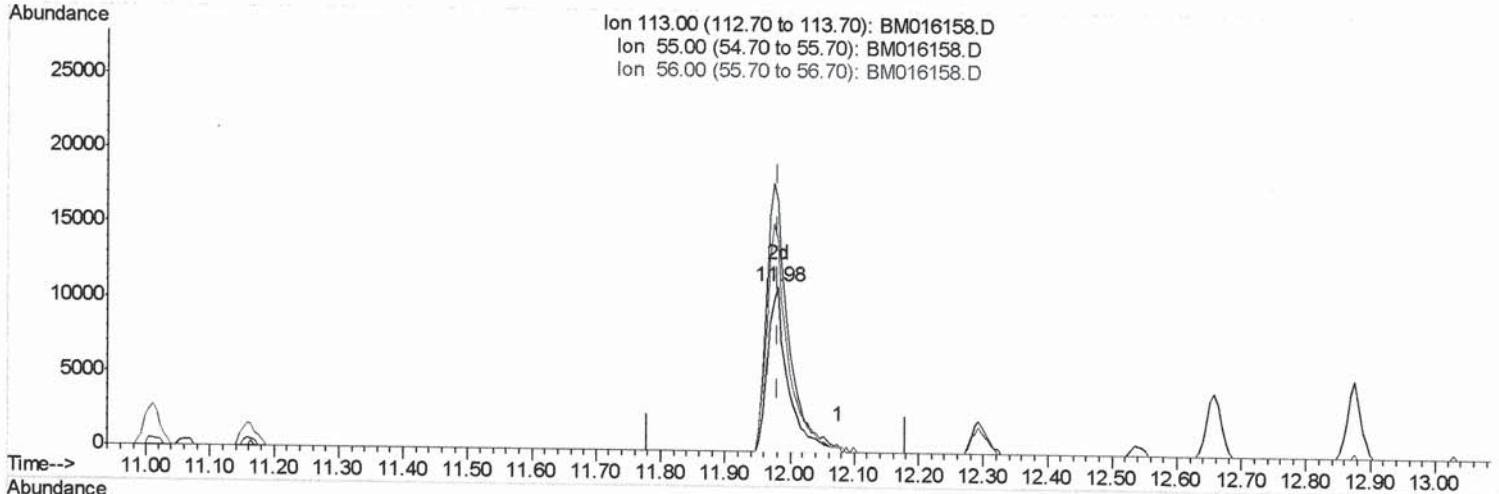
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(32) Caprolactam

11.981min (-0.000) 18.55ng/ul m

response 24765

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	152.00
56.00	101.50	128.75#
0.00	0.00	0.00

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Quantitation Report (Qedit)

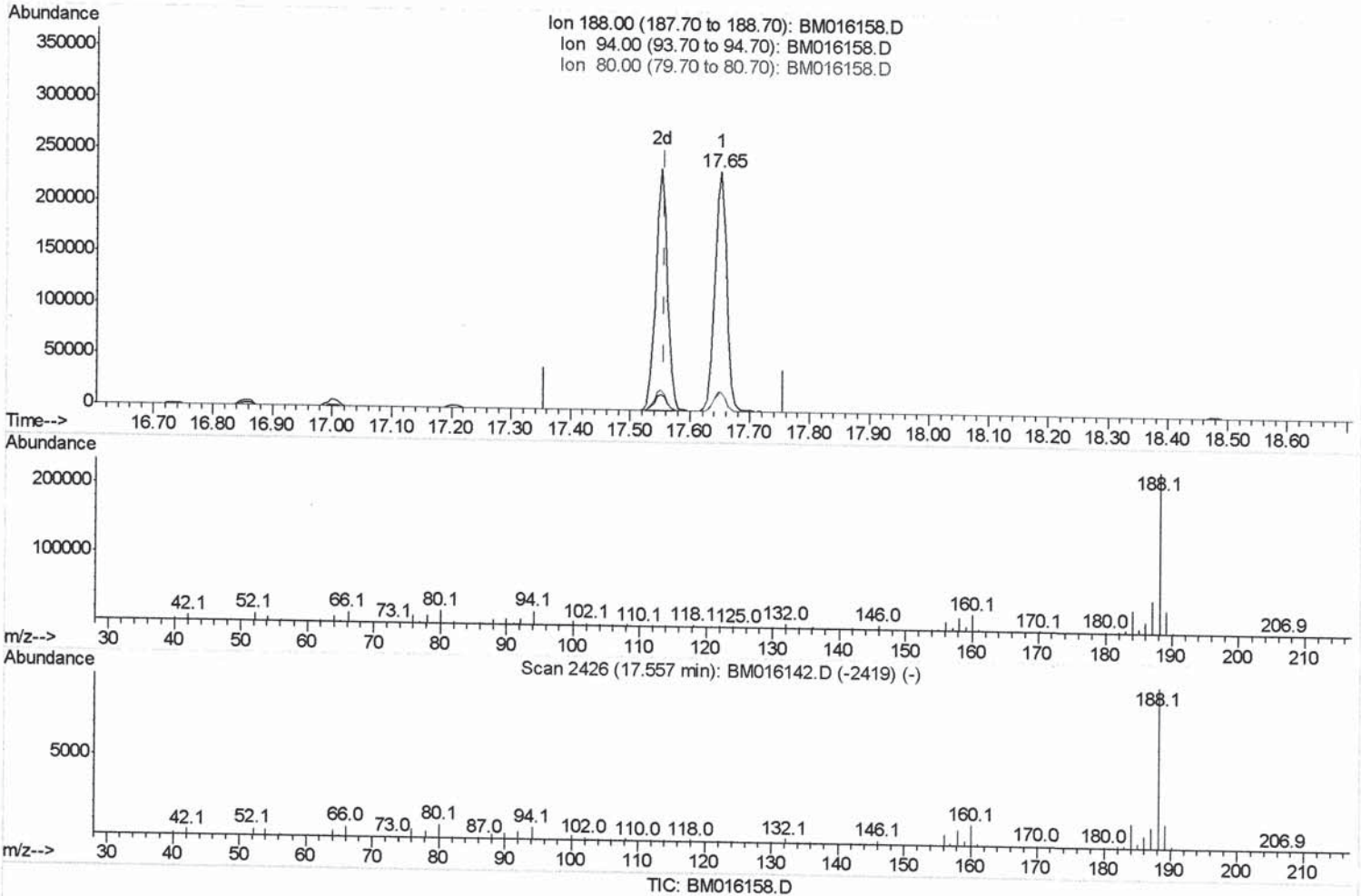
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(61) Phenanthrene-d10 (I)

17.651min (+0.094) 20.00ng/ul

response 320462

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.40
80.00	9.70	8.25
0.00	0.00	0.00

Quantitation Report (Qedit)

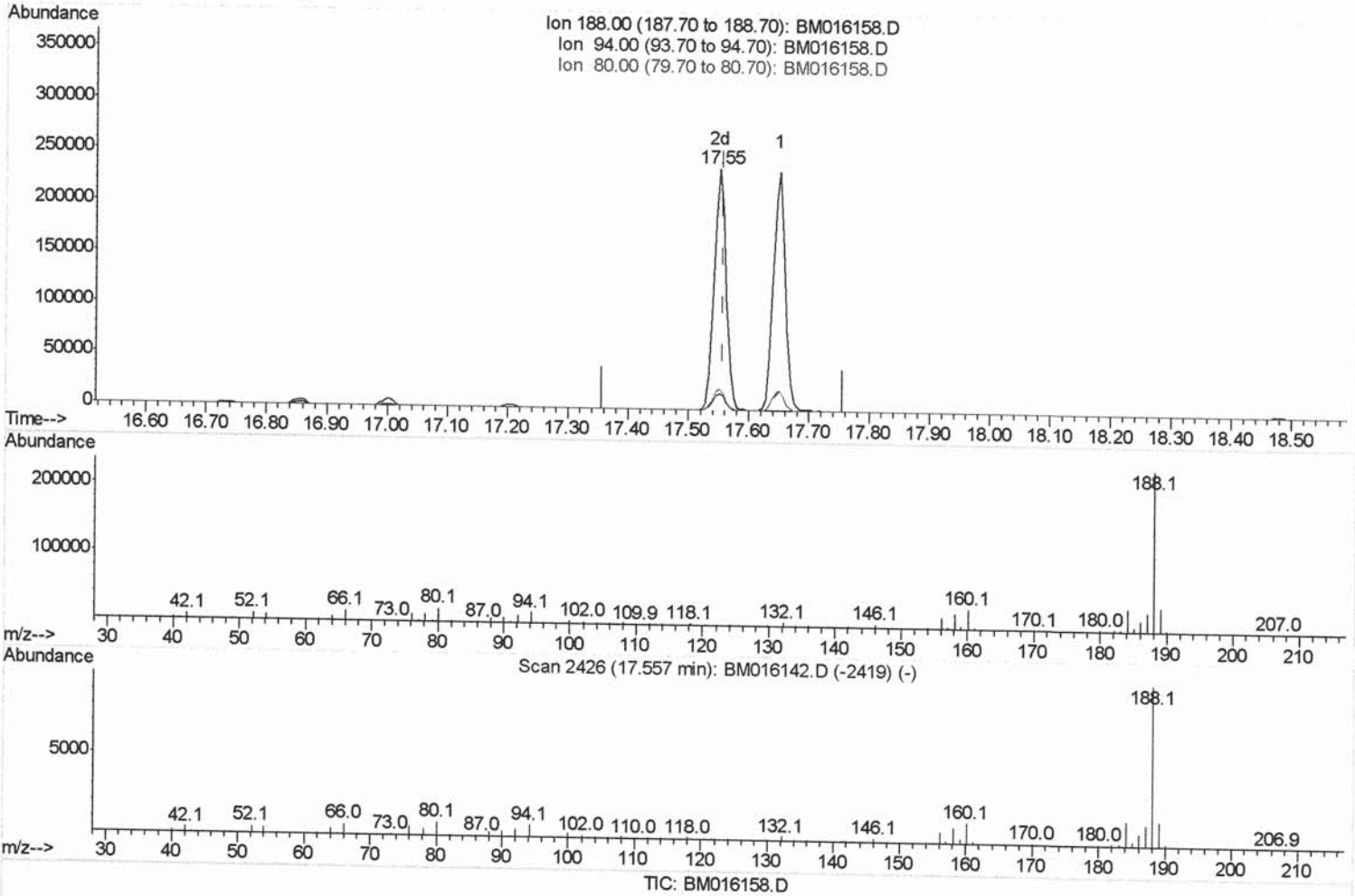
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(61) Phenanthrene-d10 (I)

17.551min (-0.006) 20.00ng/ul m

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response 323564

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.84#
80.00	9.70	8.55
0.00	0.00	0.00

Quantitation Report (Qedit)

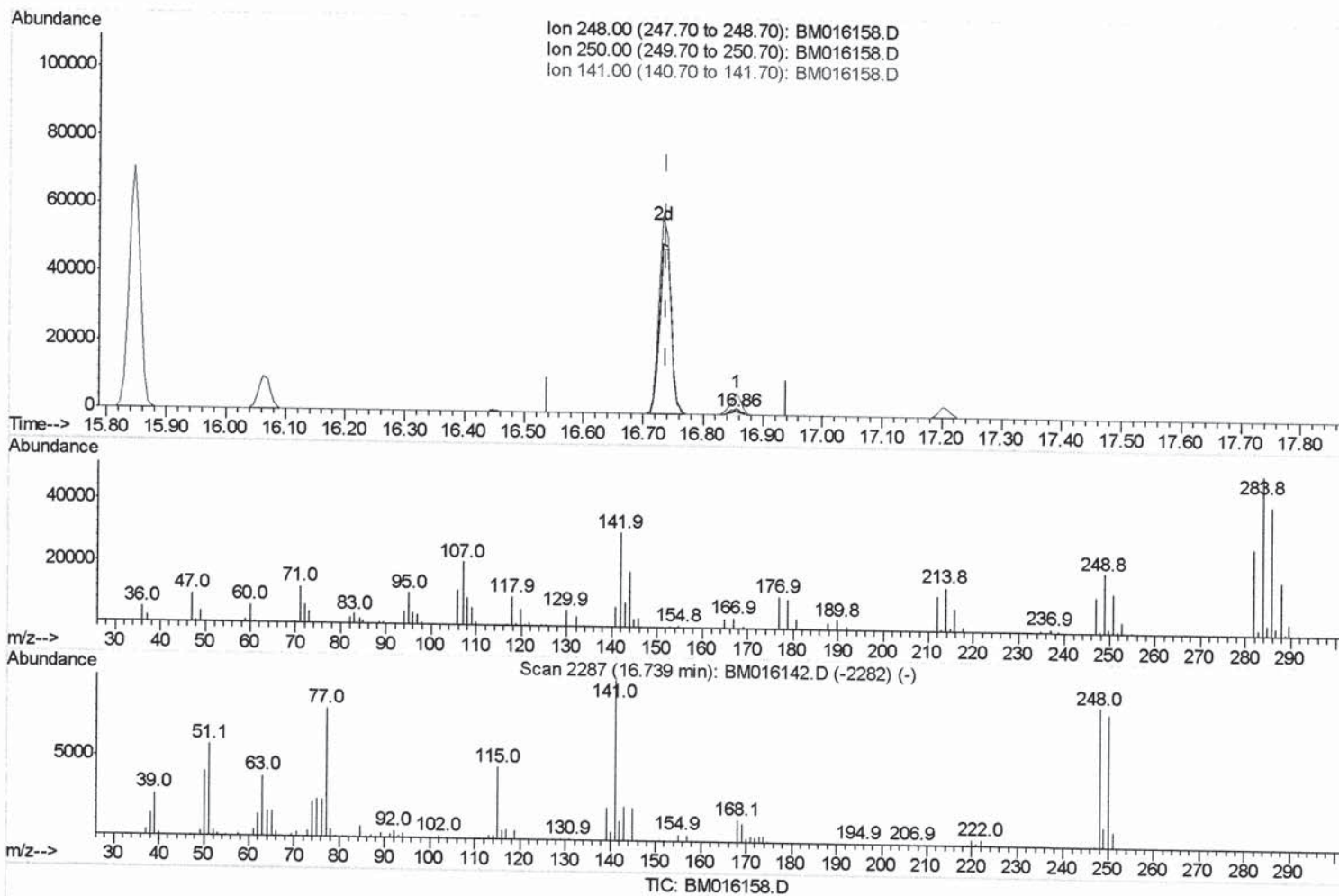
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(65) 4-Bromophenyl-phenylether

16.857min (+0.118) 0.41ng/ul

response 1417

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	187.42#
141.00	90.20	672.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

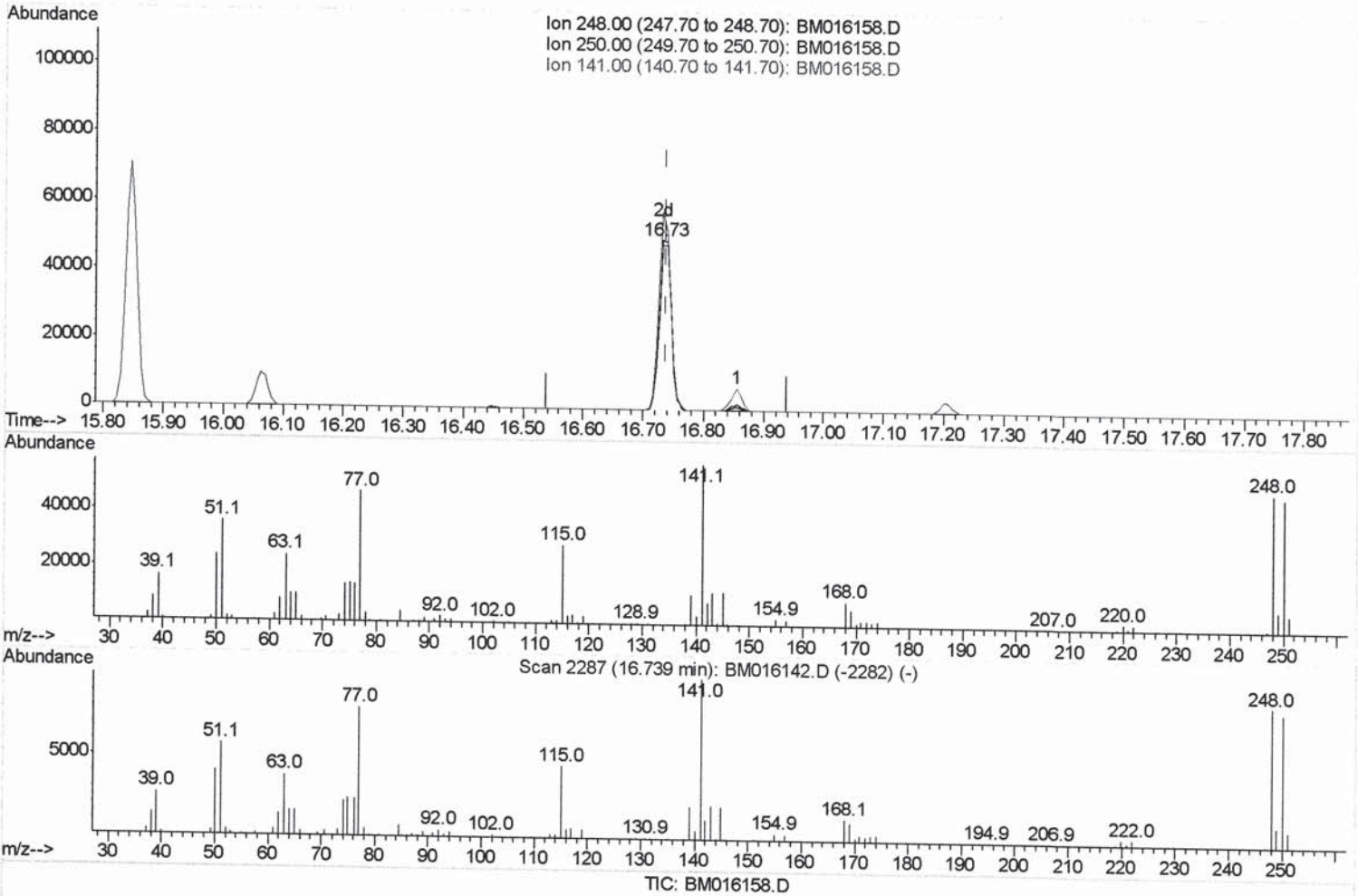
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Manual Integrations
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(65) 4-Bromophenyl-phenylether

16.733min (-0.006) 19.69ng/ul m

SJ 8/3/18

response 68667

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	96.81
141.00	90.20	116.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

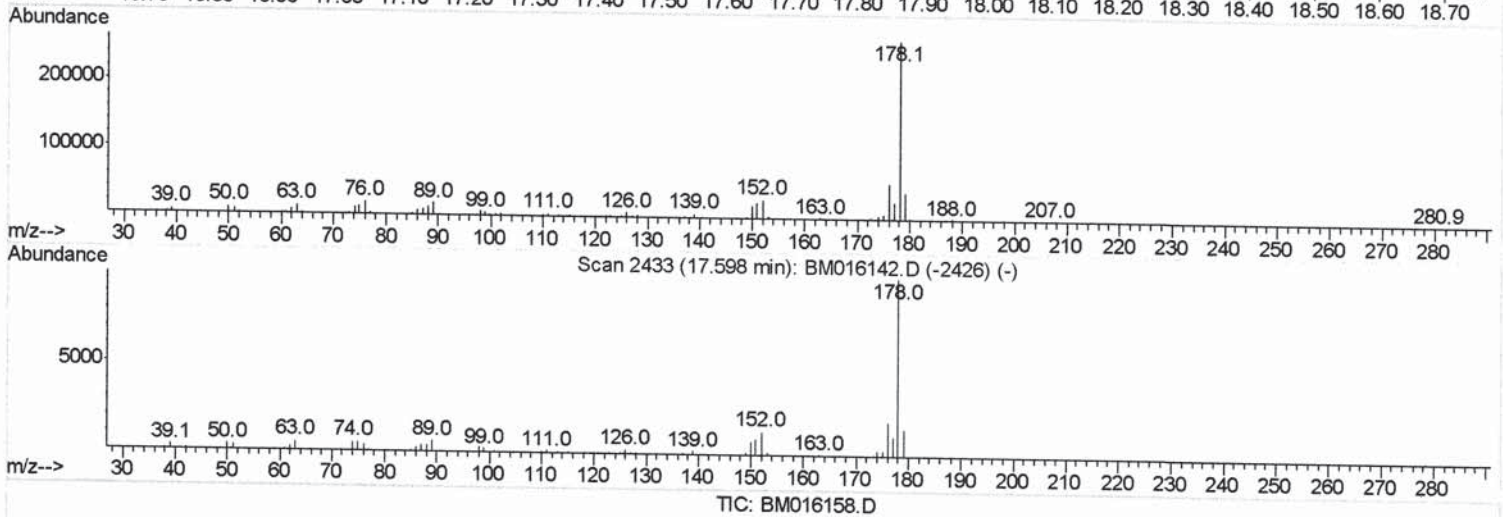
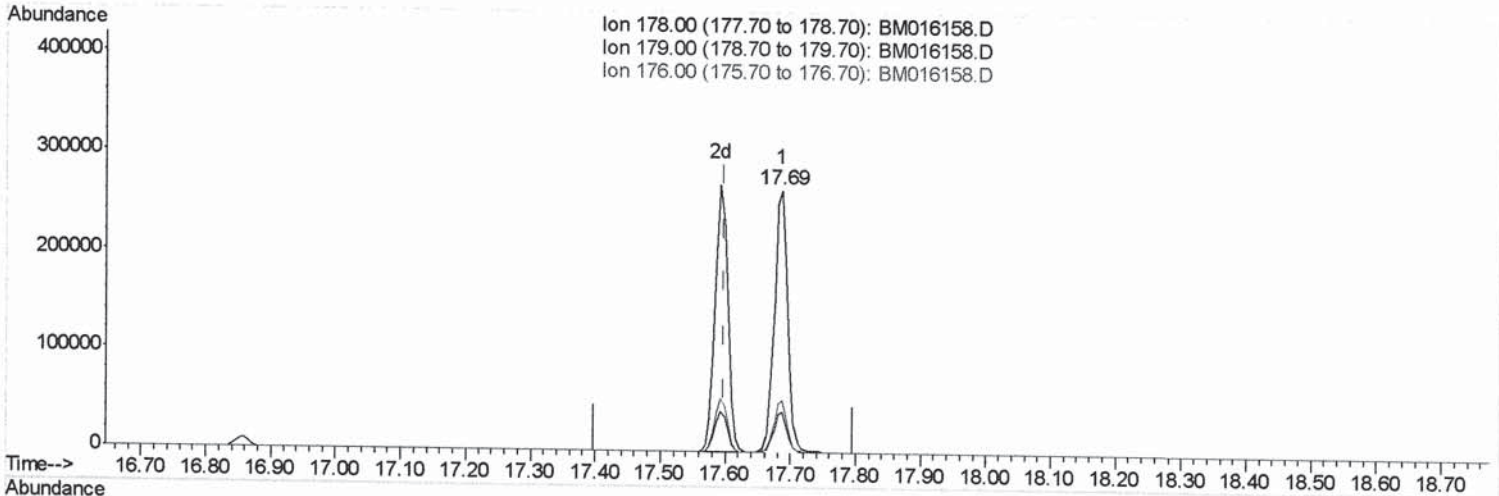
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(69) Phenanthrene

17.686min (+0.088) 19.76ng/ul

response 378007

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.05
176.00	19.50	19.97
0.00	0.00	0.00

Quantitation Report (Qedit)

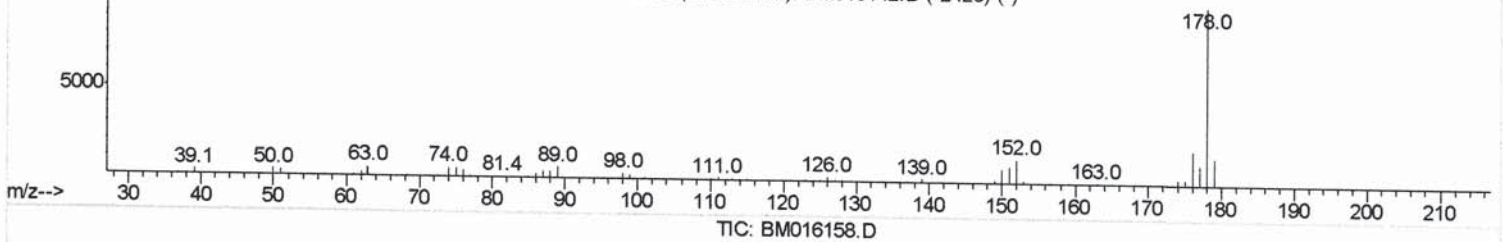
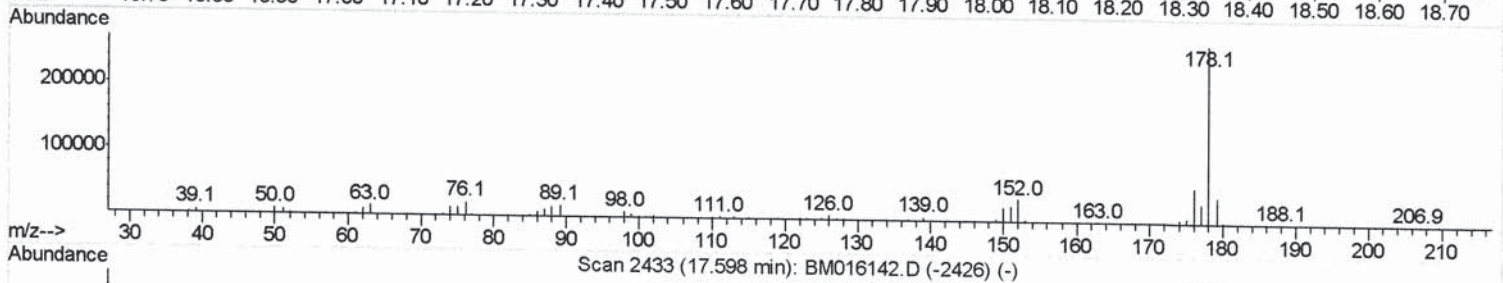
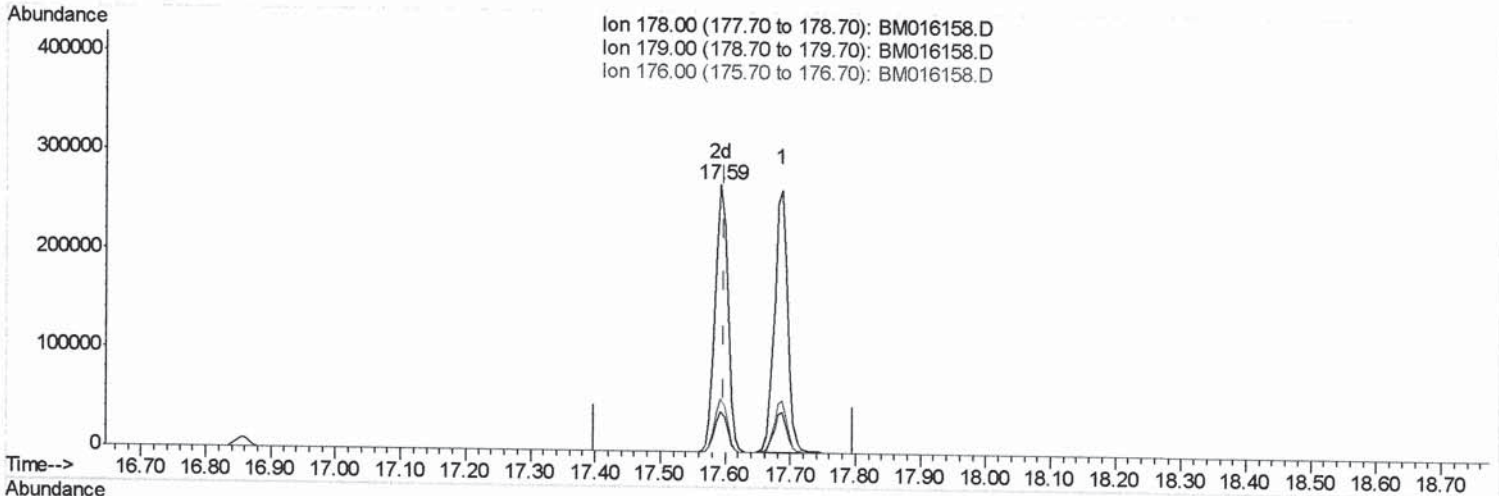
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Manual Integrations
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(69) Phenanthrene

17.592min (-0.006) 19.03ng/ul m

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response 364121

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.21
176.00	19.50	19.90
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	8.19	152	54238	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	255867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	148281	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	323564m	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	339246	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	303882	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	10544	8.56	ng/uL	0.00
5) Phenol-d5	7.35	99	91425	18.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	59719	19.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	81538	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	79285	18.68	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	39032	21.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	44386	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	81400	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	107165	21.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	264285	19.55	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	313438	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	39850	17.01	ng/ul	0.00
57) Fluorene-d10	15.80	176	212530	18.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	38303	17.74	ng/ul	0.00
70) Anthracene-d10	17.65	188	320462	19.35	ng/ul	0.00
78) Pyrene-d10	19.91	212	344342	21.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	326160	19.51	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.49	88	10132	8.431	ng/uL#	80
4) Benzaldehyde	7.33	77	68583	21.528	ng/ul	84
6) Phenol	7.38	94	91578	18.400	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.61	93	69071	18.793	ng/ul#	83
10) 2-Chlorophenol	7.75	128	79345	19.850	ng/ul#	92
11) 2-Methylphenol	8.65	108	70272	18.358	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	106899	18.312	ng/ul#	93
14) Acetophenone	9.03	105	129939	18.424	ng/ul#	73
15) N-Nitroso-di-n-propylamine	9.01	70	69609	19.729	ng/ul#	68
16) 4-Methylphenol	8.98	108	79514	18.809	ng/ul	93
17) Hexachloroethane	9.27	117	39029	21.695	ng/ul	87
20) Nitrobenzene	9.42	77	103300	19.892	ng/ul	88
21) Isophorone	9.94	82	185285	20.450	ng/ul	96
23) 2-Nitrophenol	10.13	139	48018	21.419	ng/ul#	61
24) 2,4-Dimethylphenol	10.18	107	106539	20.779	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.42	93	102503	19.444	ng/ul	100
27) 2,4-Dichlorophenol	10.66	162	79514	20.075	ng/ul	98
28) Naphthalene	11.06	128	263002	19.395	ng/ul	98
30) 4-Chloroaniline	11.18	127	105348	21.466	ng/ul	98
31) Hexachlorobutadiene	11.32	225	56015	20.131	ng/ul	97
32) Caprolactam	11.98	113	24765m	18.549	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	88033	18.930	ng/ul	100
34) 2-Methylnaphthalene	12.66	142	192319	19.114	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	96666	21.004	ng/ul#	97
37) Hexachlorocyclopentadiene	12.98	237	37244	17.069	ng/ul	99
38) 2,4,6-Trichlorophenol	13.26	196	62682	21.093	ng/ul	96
39) 2,4,5-Trichlorophenol	13.34	196	66051	20.922	ng/ul	99
40) 1,1'-Biphenyl	13.66	154	250750	19.969	ng/ul	99
41) 2-Chloronaphthalene	13.70	162	194313	20.050	ng/ul	96
42) 2-Nitroaniline	13.92	65	66310	21.382	ng/ul#	70
44) Dimethylphthalate	14.27	163	263154	19.660	ng/ul	99
45) 2,6-Dinitrotoluene	14.41	165	49531	20.710	ng/ul#	56
47) Acenaphthylene	14.55	152	302603	20.044	ng/ul	99
48) 3-Nitroaniline	14.75	138	48946	19.875	ng/ul	83
49) Acenaphthene	14.88	153	215489	19.653	ng/ul	95
50) 2,4-Dinitrophenol	14.97	184	20215	15.295	ng/ul#	1
52) 4-Nitrophenol	15.05	109	53822	19.278	ng/ul#	69
53) Dibenzofuran	15.22	168	299949	19.169	ng/ul#	85
54) 2,4-Dinitrotoluene	15.20	165	74549	19.421	ng/ul#	28
55) 2,3,4,6-Tetrachlorophenol	15.45	232	55613	19.338	ng/ul#	80
56) Diethylphthalate	15.62	149	286775	19.712	ng/ul	96
58) Fluorene	15.86	166	241065	19.015	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.85	204	119747	18.954	ng/ul	91
60) 4-Nitroaniline	15.90	138	49141	18.192	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.96	198	39240	17.743	ng/ul#	76
64) N-Nitrosodiphenylamine	16.06	169	199282	19.883	ng/ul	98
65) 4-Bromophenyl-phenylether	16.73	248	68667m	19.692	ng/ul	
66) Hexachlorobenzene	16.86	284	73576	18.898	ng/ul#	81
67) Atrazine	17.00	200	78631	19.658	ng/ul	96
68) Pentachlorophenol	17.20	266	37813	18.066	ng/ul	98
69) Phenanthrene	17.59	178	364121m	19.034	ng/ul	
71) Anthracene	17.69	178	378007	19.164	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	97431	21.525	ng/uL	98
73) Pentachlorobenzene	15.13	250	88023	19.877	ng/uL	96
74) Carbazole	17.96	167	328094	18.353	ng/ul	97
75) Di-n-butylphthalate	18.48	149	481239	21.070	ng/ul#	97
76) Fluoranthene	19.58	202	421756	17.567	ng/ul	95
79) Pvrene	19.94	202	428740	21.438	ng/ul#	95
80) Butylbenzylphthalate	20.80	149	238017	24.739	ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.59	252	147235	19.730	ng/ul	97
82) Benzo(a)anthracene	21.66	228	438397	19.988	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	343365	24.336	ng/ul	93
84) Chrysene	21.71	228	403216	19.653	ng/ul	99
86) Di-n-octyl phthalate	22.45	149	599281	25.179	ng/ul#	83
87) Benzo(b)fluoranthene	23.32	252	393054	20.164	ng/ul	99
88) Benzo(k)fluoranthene	23.36	252	393649	21.125	ng/ul	99
90) Benzo(a)pyrene	23.93	252	362894	19.362	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.43	276	364172	15.803	ng/ul#	93
92) Dibenzo(a,h)anthracene	26.43	278	302313	15.492	ng/ul	96
93) Benzo(g,h,i)perylene	27.17	276	280073	15.200	ng/ul#	94

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