

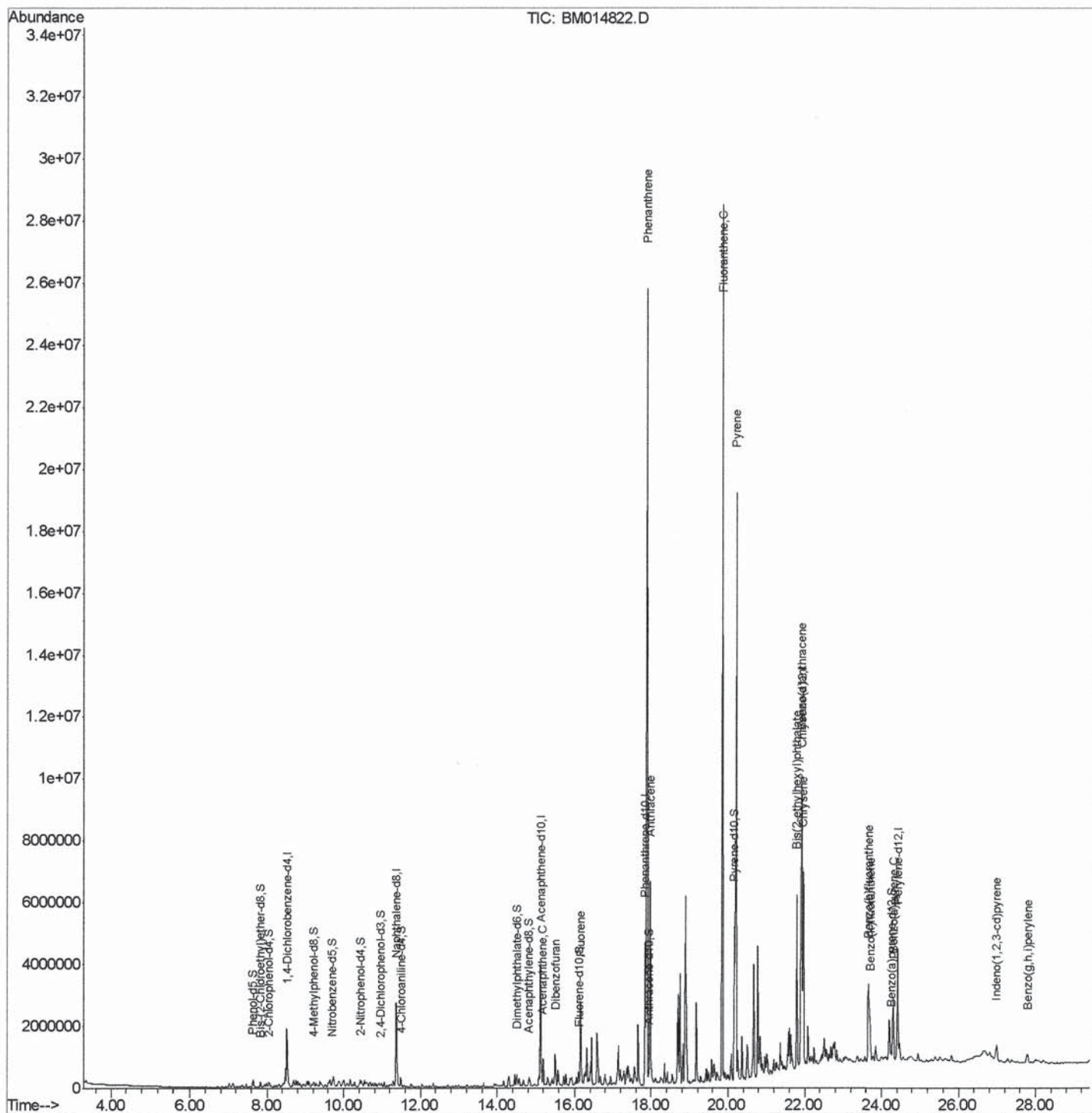
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014822.D
Acq On : 24 Apr 2018 22:39
Operator : SJ/JU
Sample : J2431-12DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
DASP3DL

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:08 PM

Quant Time: Apr 25 02:49:13 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

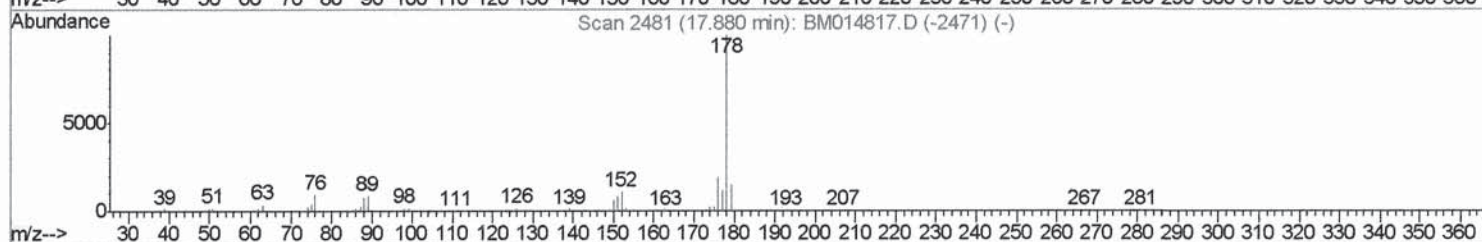
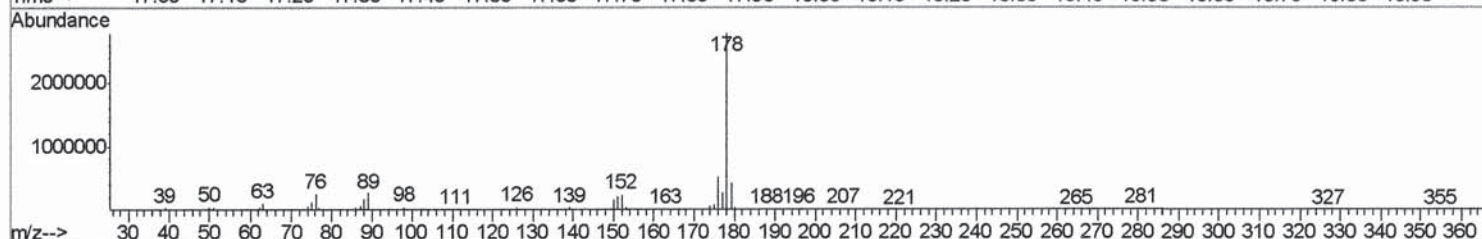
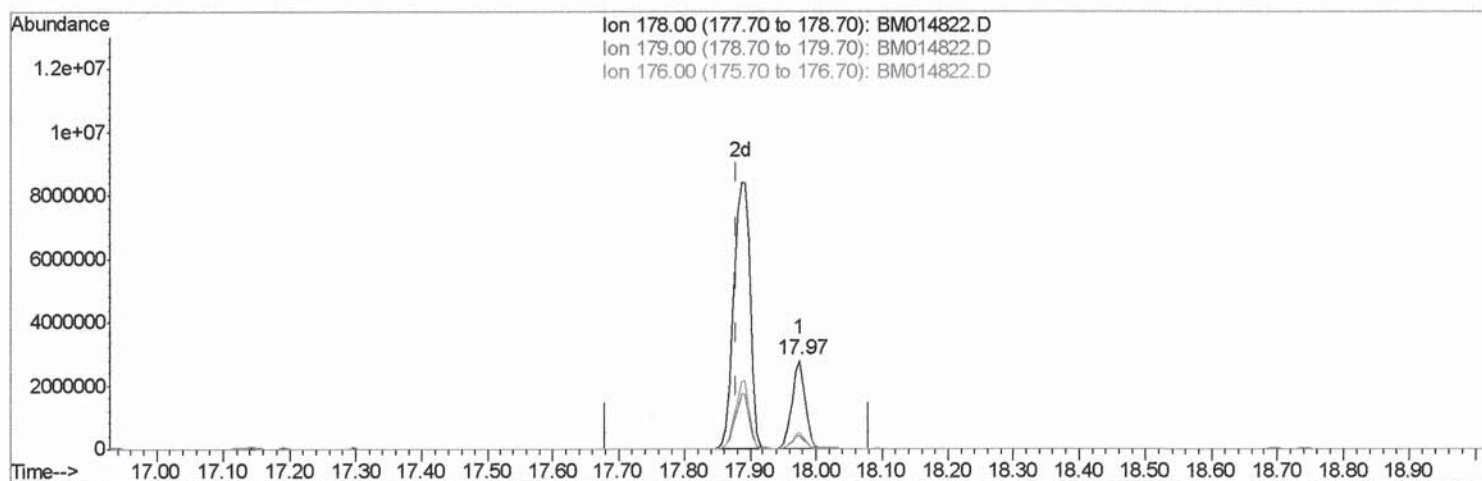
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TIC: BM014822.D

(69) Phenanthrene

17.974min (+0.094) 26.27ng/ui

response 3857928

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.43
176.00	18.60	18.69
0.00	0.00	0.00

Quantitation Report (Qedit)

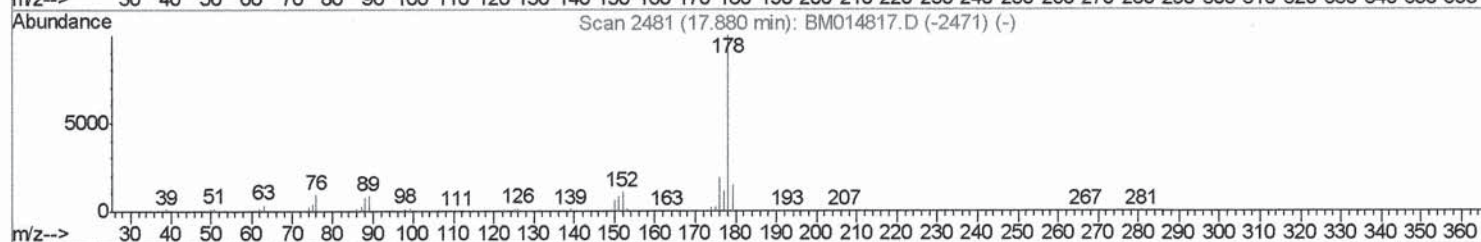
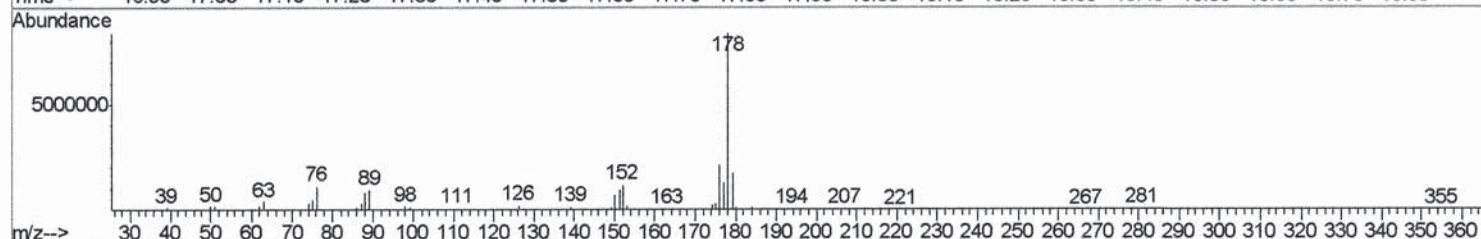
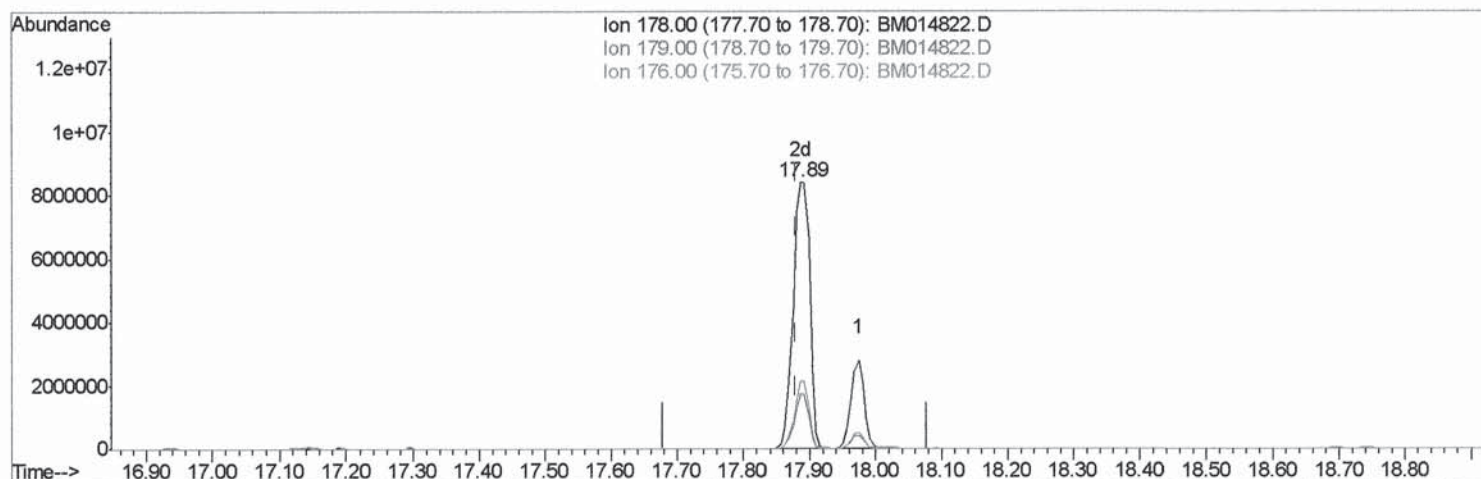
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TIC: BM014822.D

(69) Phenanthrene

17.886min (+0.006) 98.81ng/ul m

response 14511432

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	20.42#
176.00	18.60	25.45#
0.00	0.00	0.00

SJ 4/27/18

Quantitation Report (Qedit)

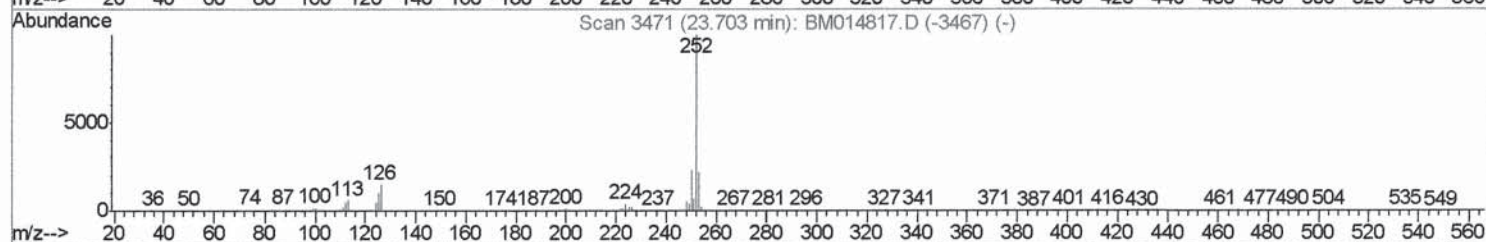
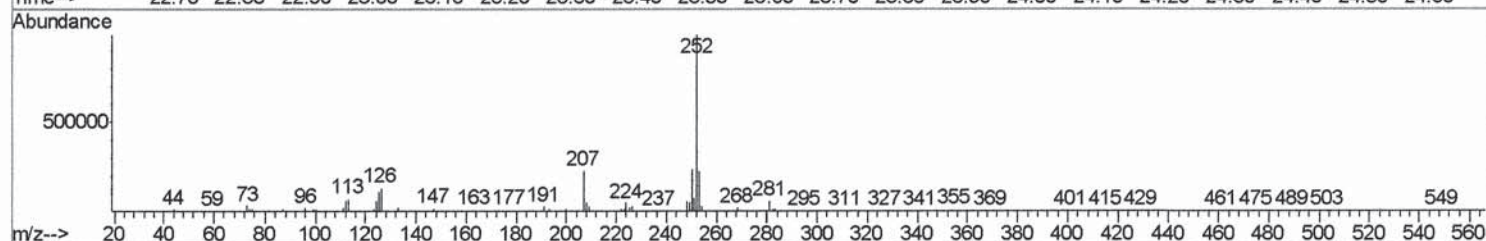
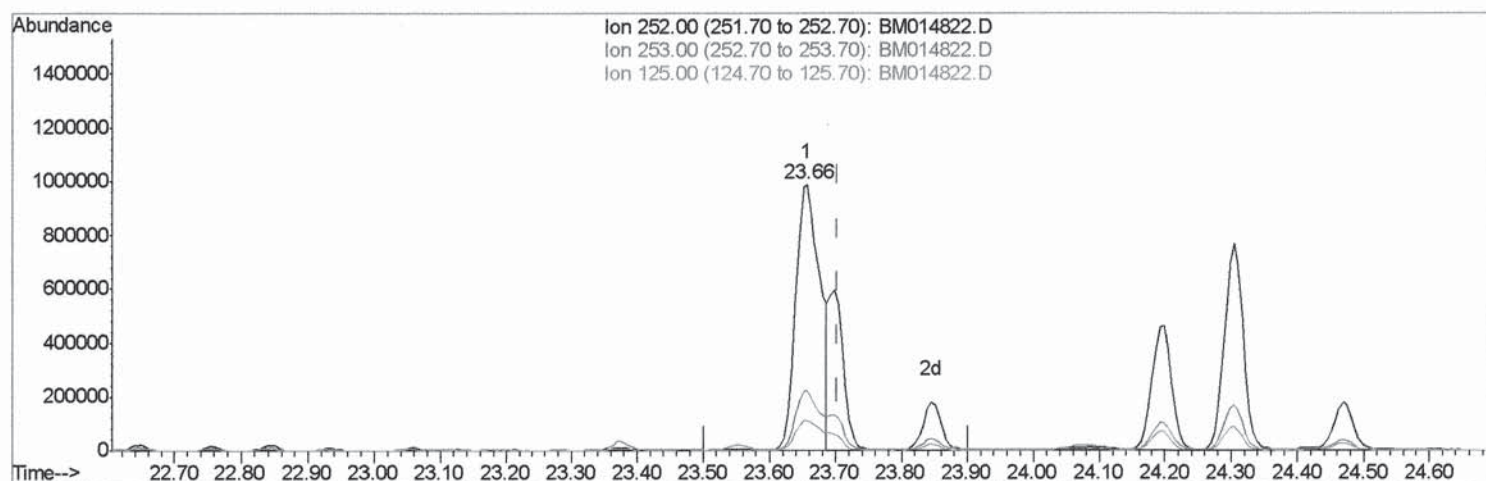
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Manual Integrations
APPROVED

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TIC: BM014822.D

(86) Benzo(k)fluoranthene

23.656min (-0.047) 16.18ng/ul

response 2556882

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.65
125.00	4.30	11.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

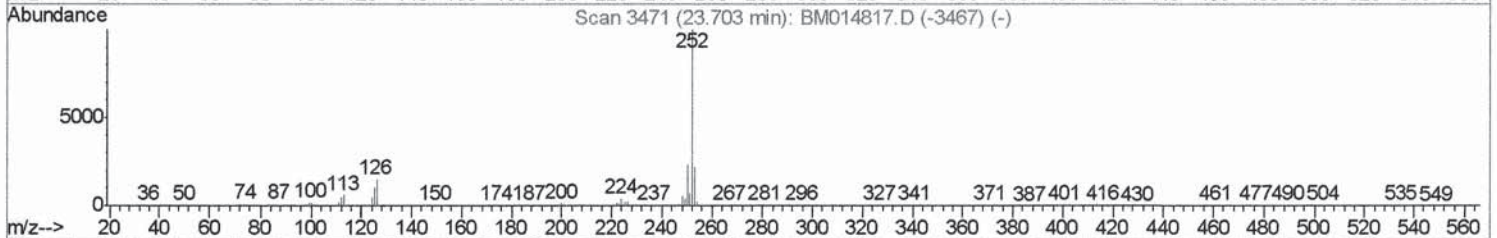
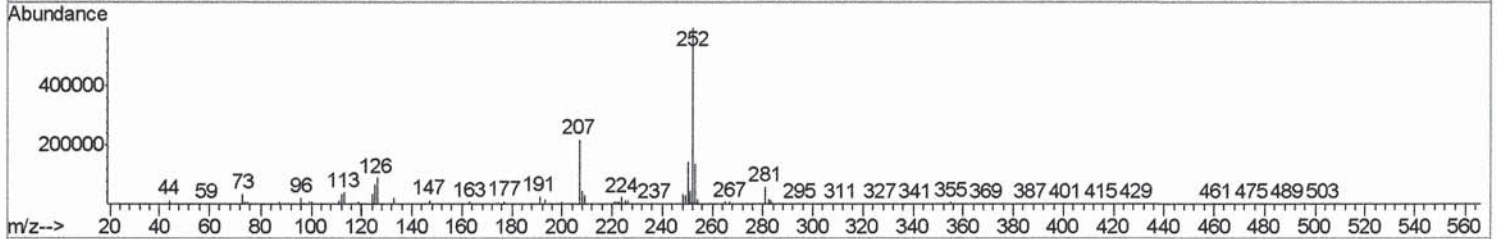
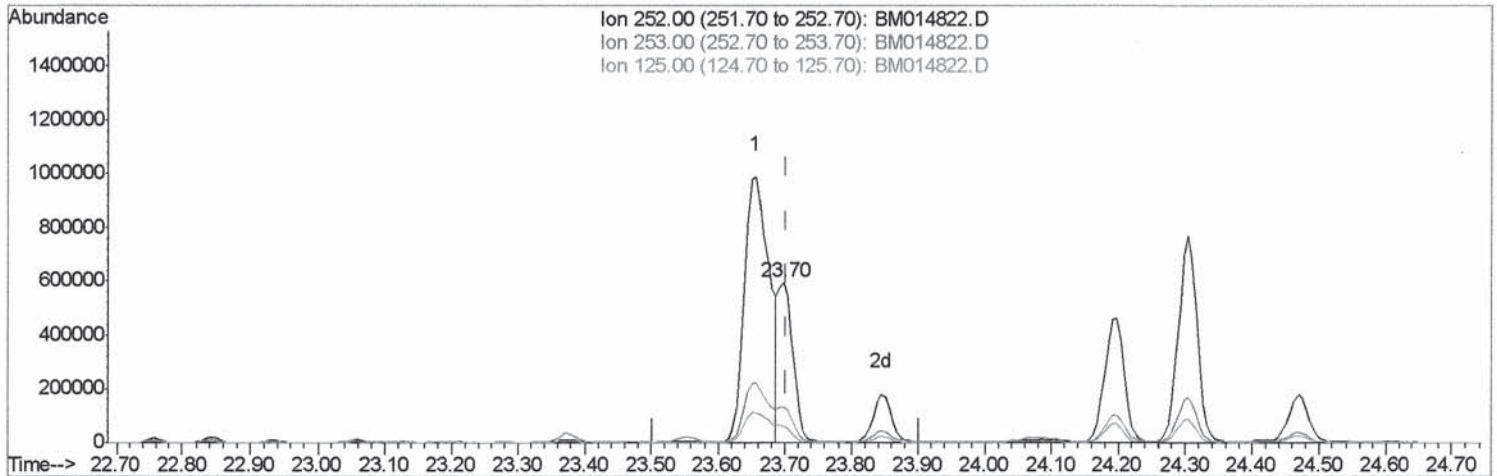
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Manual Integrations
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TIC: BM014822.D

(86) Benzo(k)fluoranthene

23.697min (-0.006) 5.70ng/ul m

response 900031

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.88
125.00	4.30	10.77#
0.00	0.00	0.00

SJ 4/27/18

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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DASP3DL

Manual Integrations
 APPROVED

Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	492194	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2199191	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1236876	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2734608	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2961133	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2787840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	4505	0.40	ng/uL	0.01
5) Phenol-d5	7.65	99	65156	1.71	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.82	67	50260	2.06	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	52442	1.65	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	49892	1.64	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	24983	1.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	21933	1.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	44824	1.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	57596	1.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	168437	1.74	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	169345	1.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	13587	0.76	ng/ul	0.00
57) Fluorene-d10	16.10	176	158203	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	9885	0.67	ng/ul	0.00
70) Anthracene-d10	17.94	188	224680	1.76	ng/ul	0.00
76) Pyrene-d10	20.17	212	263026	1.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	261438	1.91	ng/ul	0.00

Target Compounds

Ovalue

49) Acenaphthene	15.19	153	288507	3.515	ng/ul	96
53) Dibenzofuran	15.52	168	487800	4.279	ng/ul	100
58) Fluorene	16.16	166	1126084	12.234	ng/ul	98
69) Phenanthrene	17.89	178	14511432m	98.811	ng/ul	
71) Anthracene	17.97	178	3857928	25.885	ng/ul	98
74) Fluoranthene	19.84	202	14926515	93.223	ng/ul#	76
77) Pyrene	20.21	202	12174797	70.369	ng/ul#	80
80) Benzo(a)anthracene	21.91	228	4310465	24.893	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	1811883	17.488	ng/ul#	96
82) Chrysene	21.96	228	3377553	20.836	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2556882	15.558	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	900031m	5.695	ng/ul	
88) Benzo(a)pyrene	24.30	252	1501720	9.633	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.99	276	453601	2.405	ng/ul#	90
91) Benzo(a,h,i)perylene	27.78	276	345421	2.226	ng/ul#	89

SJ 4/27/18

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