

(QT Reviewed)

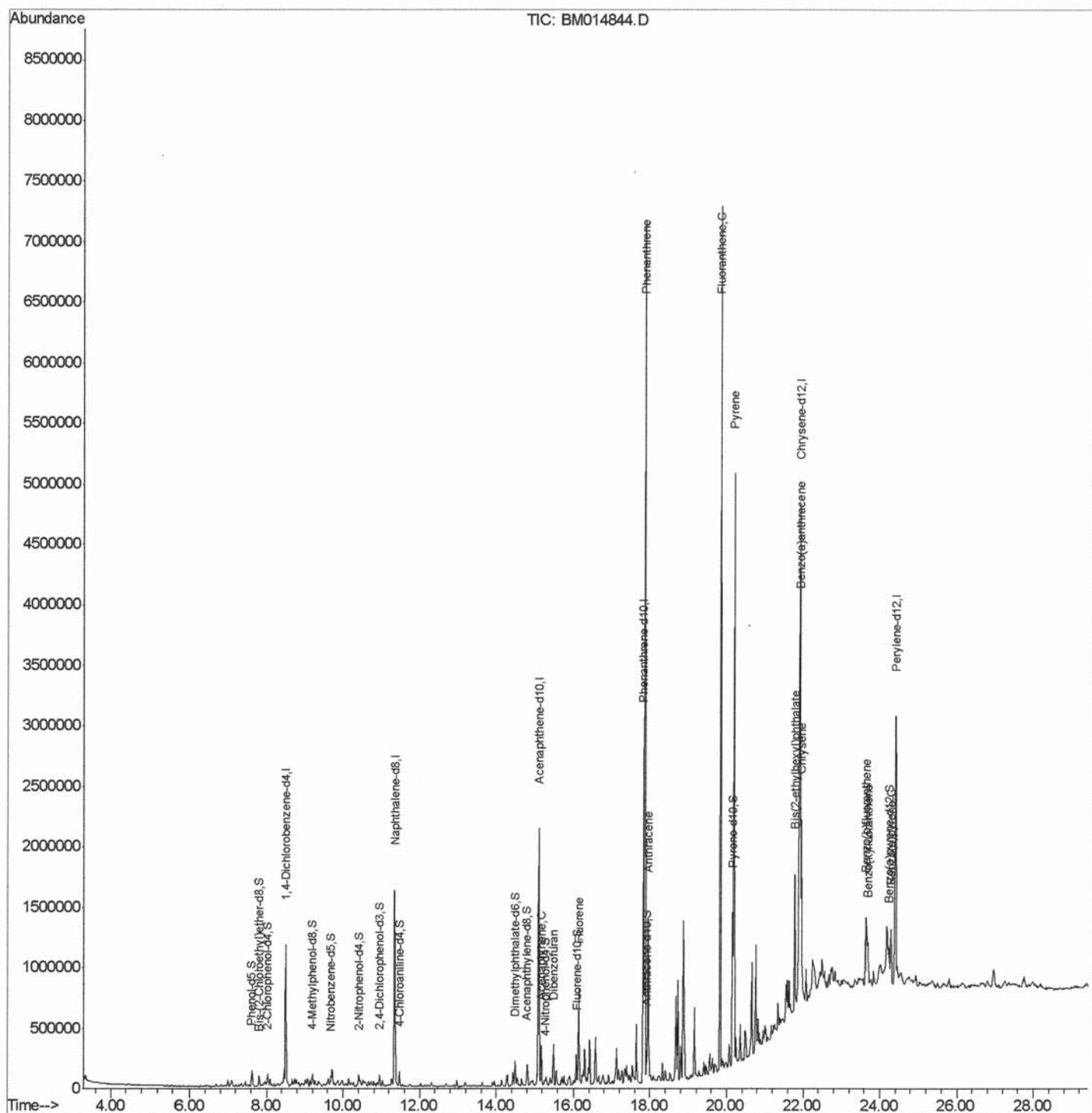
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014844.D
Acq On : 25 Apr 2018 21:23
Operator : SJ/JU
Sample : J2431-13DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP4DL2

Manual Integrations
APPROVED

Sohil
4/26/2018 6:21:16 PM

Quant Time: Apr 26 02:44:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 01:59:14 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

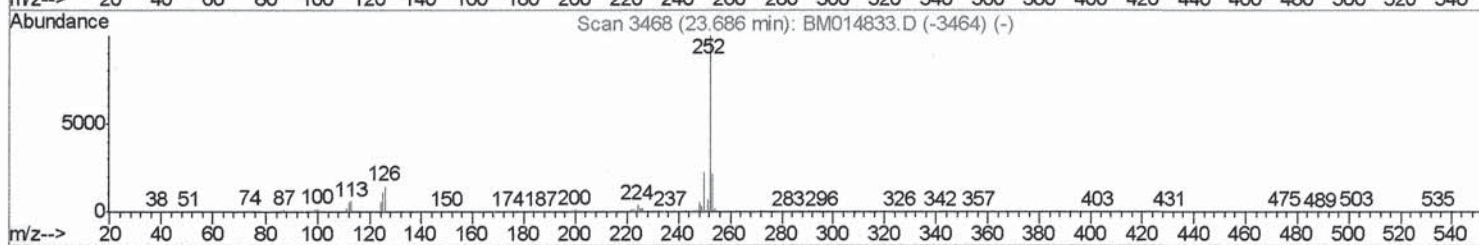
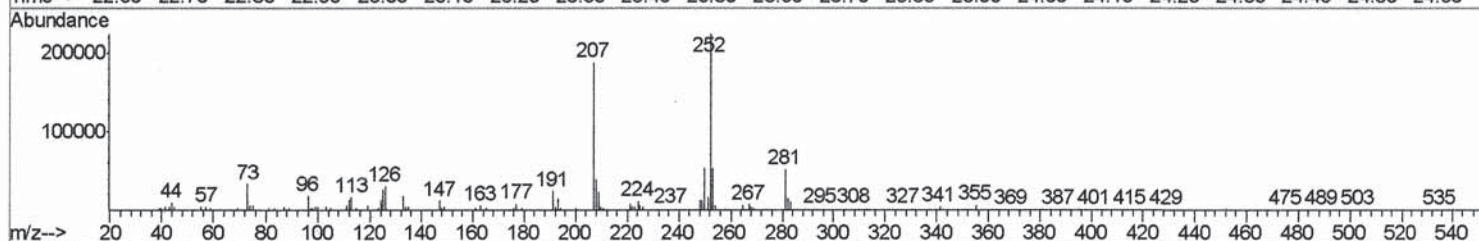
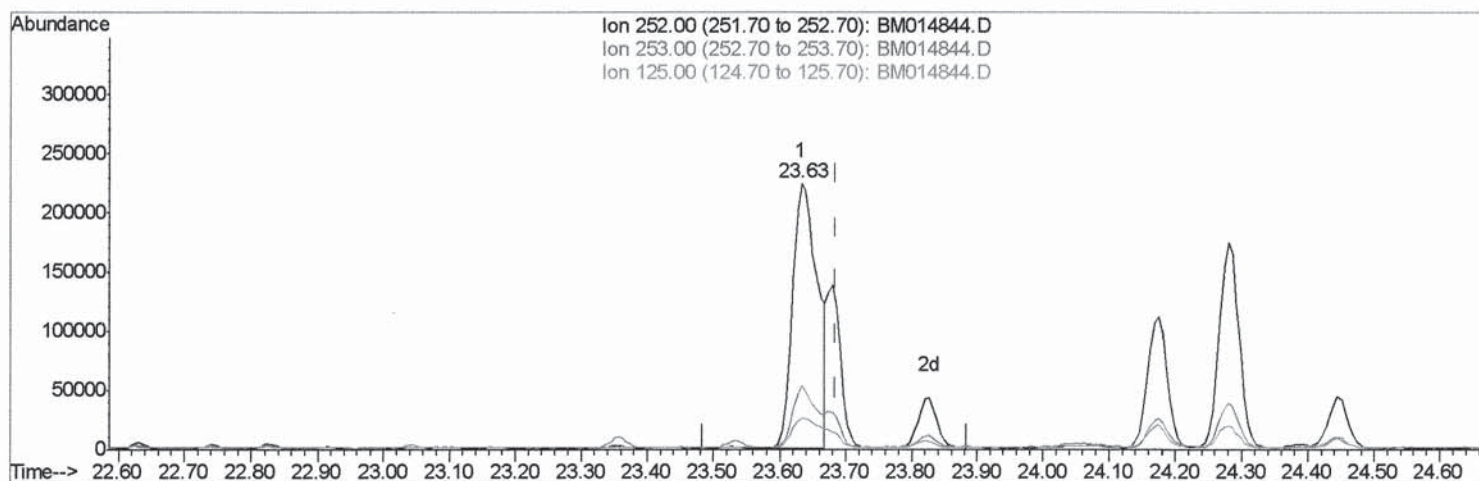
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Response via : Initial Calibration



TIC: BM014844.D

(86) Benzo(k)fluoranthene

23.633min (-0.053) 6.08ng/ul

response 595415

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.00
125.00	4.30	11.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

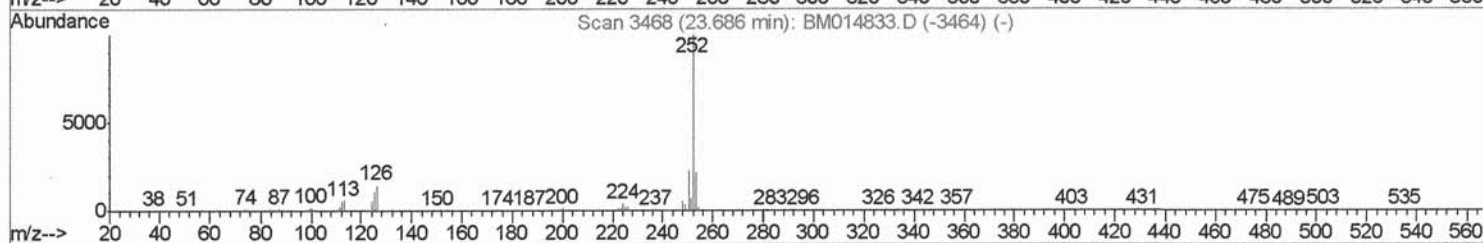
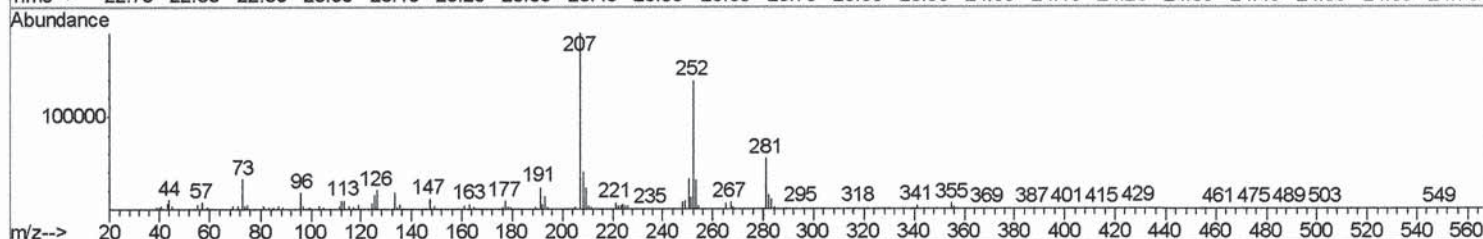
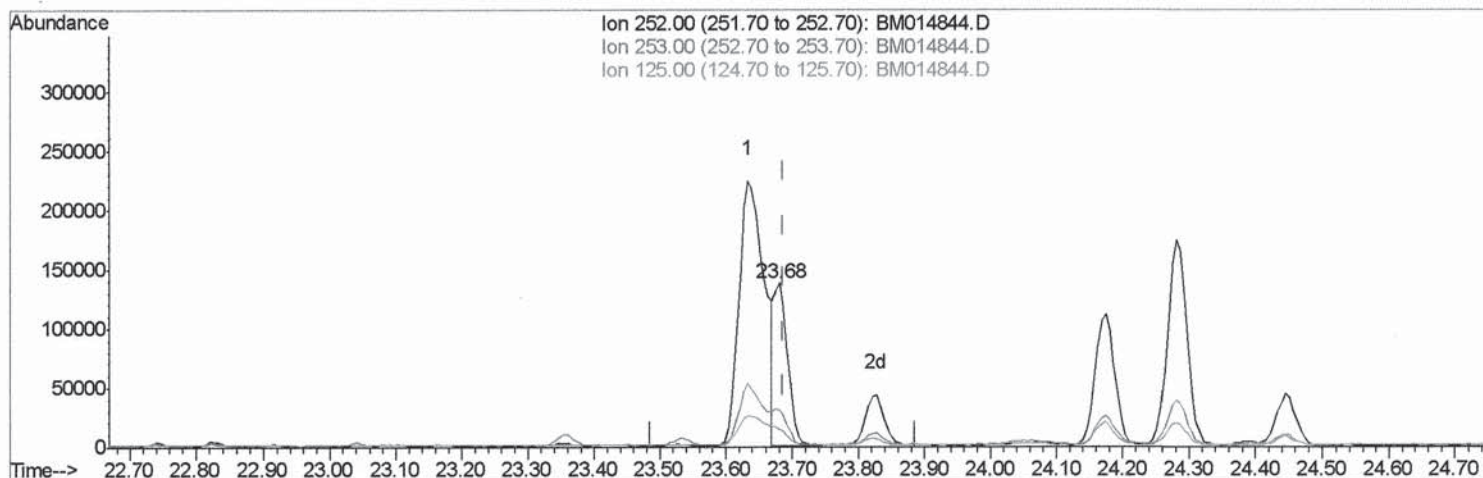
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Manual Integrations
 APPROVED

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 4/26/2018 6:21:16 PM

Quant Time: Apr 26 02:03:25 2018
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 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration



TIC: BM014844.D

(86) Benzo(k)fluoranthene

23.680min (-0.006) 2.00ng/ul m

response 195361

Ion Exp% Act%

252.00 100 100

253.00 21.40 23.12

125.00 4.30 11.27#

0.00 0.00 0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014844.D
 Acq On : 25 Apr 2018 21:23
 Operator : SJ/JU
 Sample : J2431-13DL2 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DASP4DL2

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:21:16 PM

Quant Time: Apr 26 02:44:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	309672	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1306845	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	703823	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1515312	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1620215	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1726639	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	4277	0.60	ng/uL	0.00
5) Phenol-d5	7.62	99	44630	1.86	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.80	67	34132	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	38536	1.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	33873	1.77	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	16148	1.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	14753	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	31415	1.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	43635	2.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	102639	1.87	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	110144	1.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	10264	1.01	ng/ul	0.00
57) Fluorene-d10	16.08	176	92023	1.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	4644	0.57	ng/ul	0.00
70) Anthracene-d10	17.92	188	132933	1.88	ng/ul	0.00
76) Pyrene-d10	20.16	212	154141	2.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	172787	2.04	ng/ul	-0.01

Target Compounds

					Ovalue	
49) Acenaphthene	15.17	153	115652	2.476	ng/ul	97
53) Dibenzofuran	15.50	168	183306	2.826	ng/ul	99
58) Fluorene	16.14	166	331734	6.334	ng/ul	98
69) Phenanthrene	17.86	178	4145175	50.937	ng/ul	99
71) Anthracene	17.95	178	789971	9.565	ng/ul	99
74) Fluoranthene	19.83	202	4143671	46.703	ng/ul#	81
77) Pyrene	20.19	202	2794277	29.517	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	933760	9.855	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	369038	6.510	ng/ul#	95
82) Chrysene	21.95	228	715434	8.066	ng/ul	98
85) Benzo(b)fluoranthene	23.63	252	595415	5.850	ng/ul#	94
86) Benzo(k)fluoranthene	23.68	252	195361m	1.996	ng/ul	
88) Benzo(a)pyrene	24.28	252	352786	3.654	ng/ul#	96

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

SJ4/27/18