

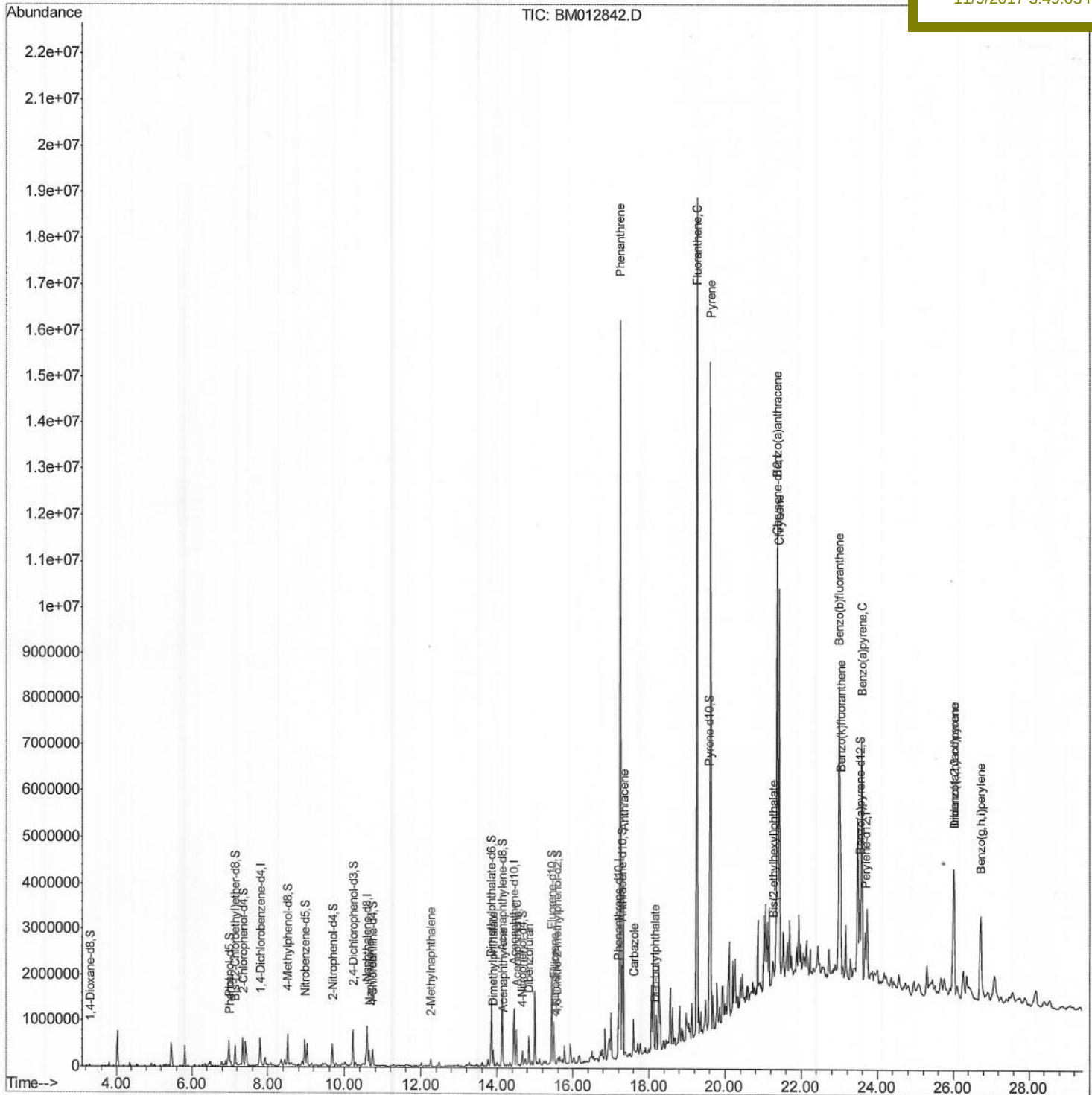
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Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\  
Data File : BM012842.D  
Acq On    : 09 Nov 2017   04:16  
Operator   : SJ/JU  
Sample     : I6032-02  
Misc      :  
ALS Vial   : 28      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
B-31(5-5.5)-101817

Quant Time: Nov 09 06:12:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Manual Integrations

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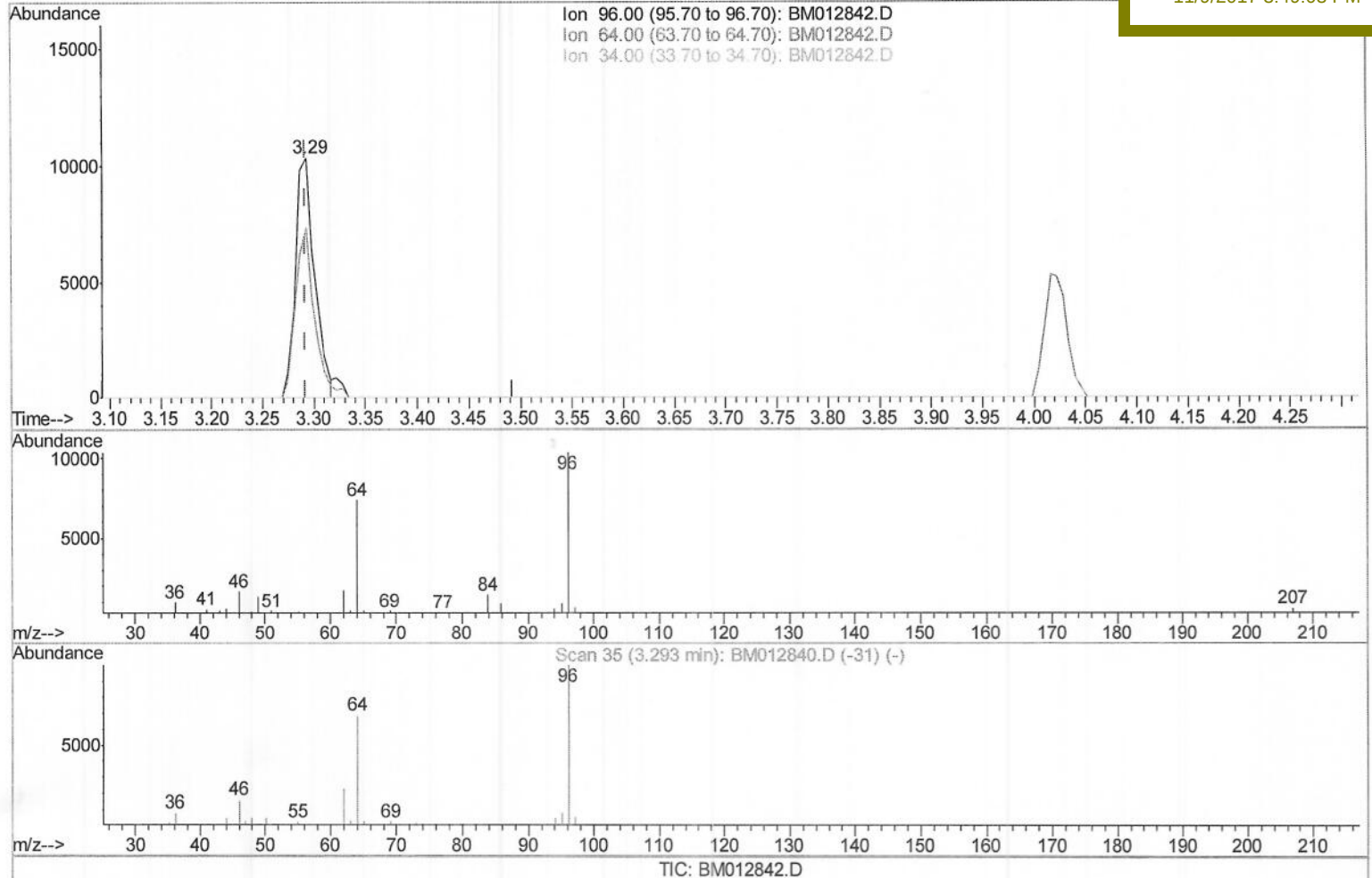
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012842.D
Acq On : 09 Nov 2017 04:16
Operator : SJ/JU
Sample : I6032-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 09 05:54:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

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Manual Integrations
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(3) 1,4-Dioxane-d8 (S)
3.293min (-0.000) 4.12ng/uL
response 13333

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	70.71
34.00	0.00	0.00
0.00	0.00	0.00

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 09 05:54:46 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

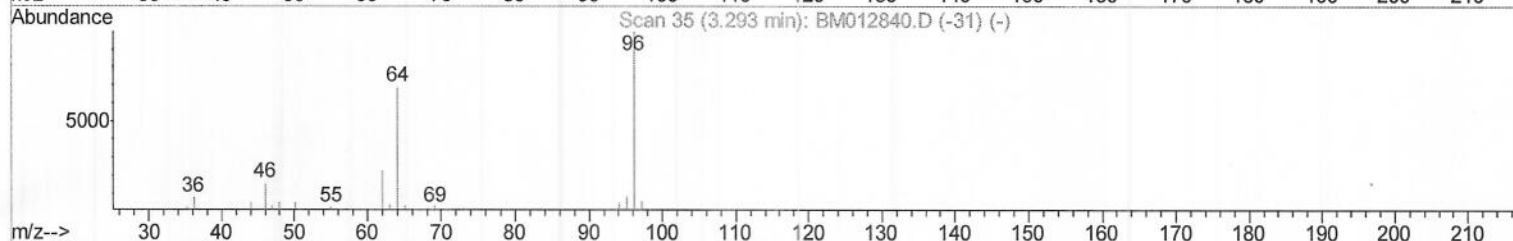
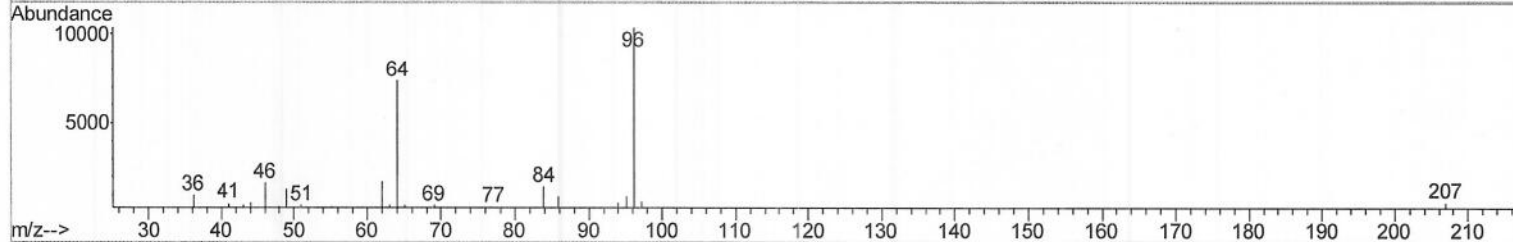
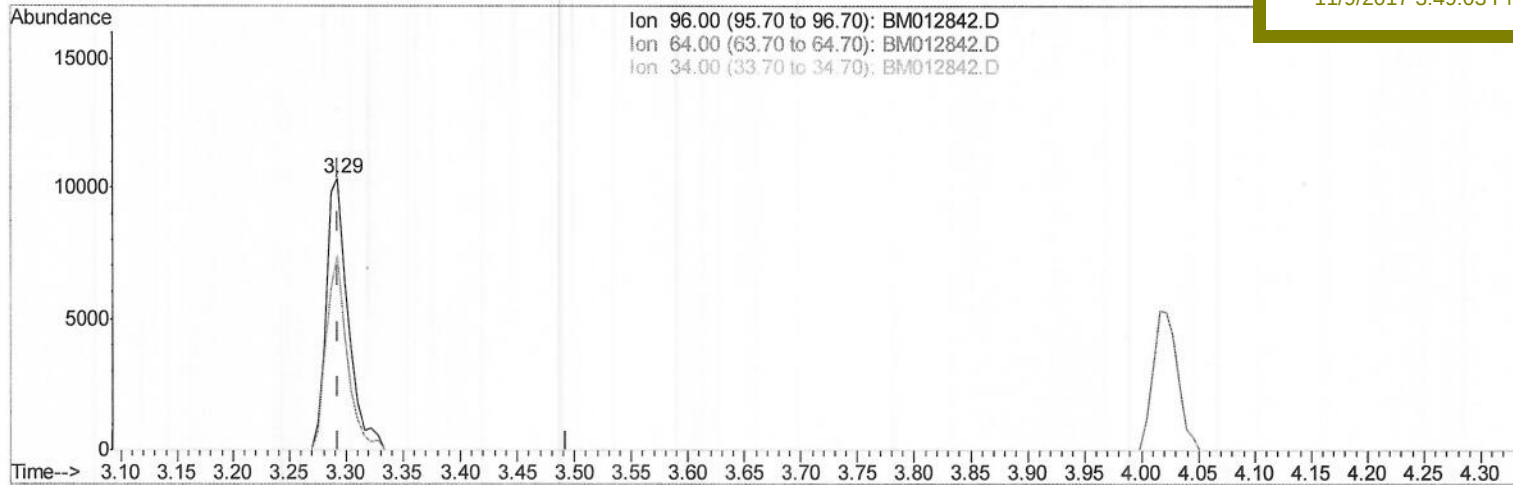
B-31(5-5.5)-101817

Manual Integrations

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TIC: BM012842.D

(3) 1,4-Dioxane-d8 (S)

3.293min (-0.000) 4.27ng/uL m

response 13825

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	68.20
34.00	0.00	0.00
0.00	0.00	0.00

57
06/25/18

Quantitation Report (Qedit)

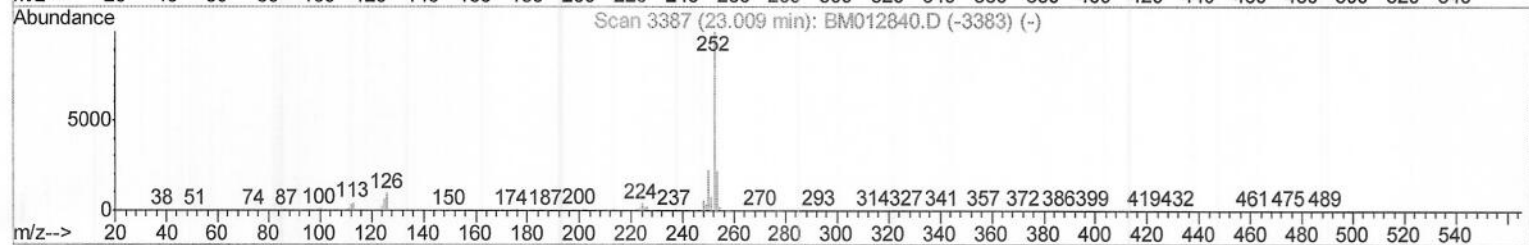
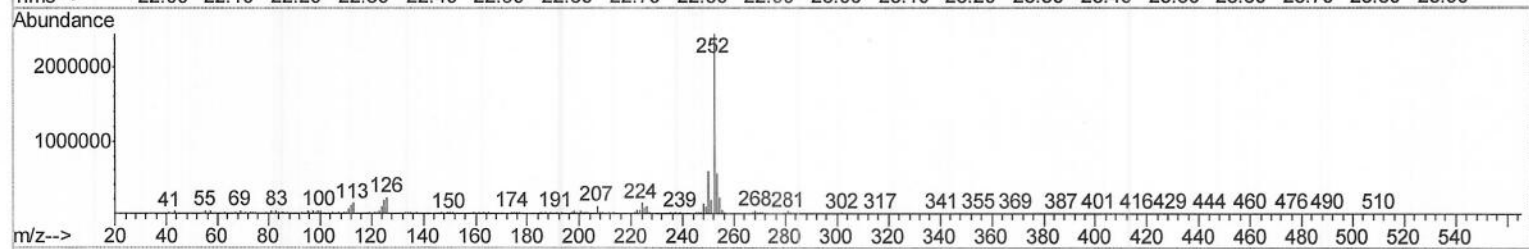
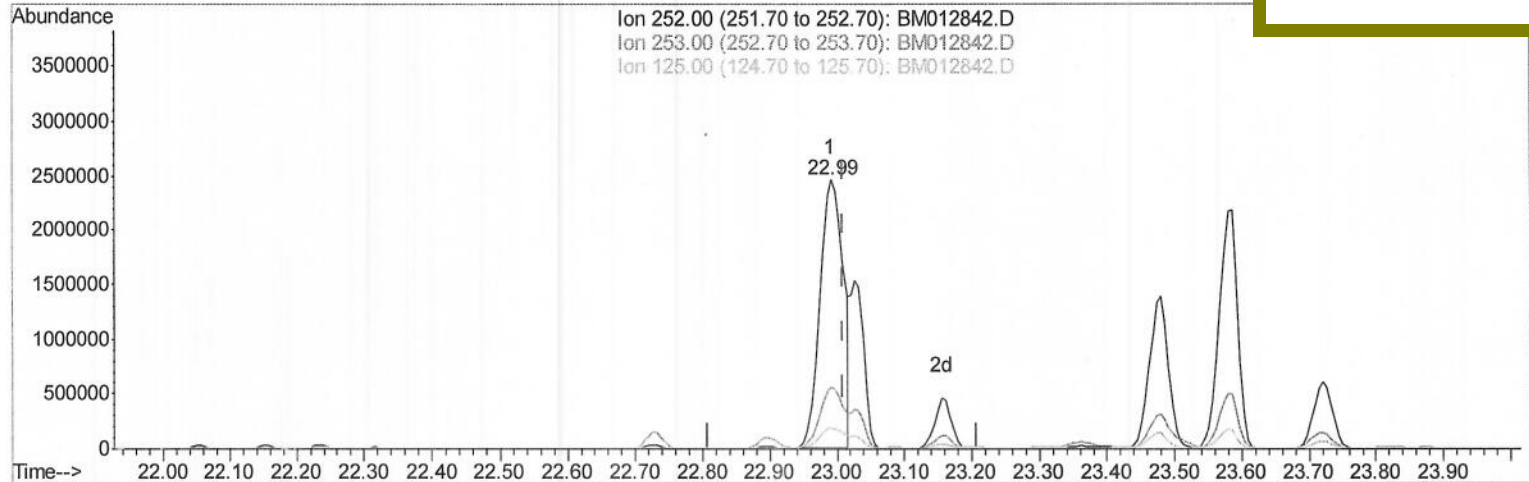
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012842.D
Acq On : 09 Nov 2017 04:16
Operator : SJ/JU
Sample : I6032-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 09 06:10:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-31(5-5.5)-101817

Manual Integrations
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TIC: BM012842.D

(88) Benzo(k)fluoranthene

22.991min (-0.018) 118.90ng/ul

response 5860648

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.86
125.00	10.20	7.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

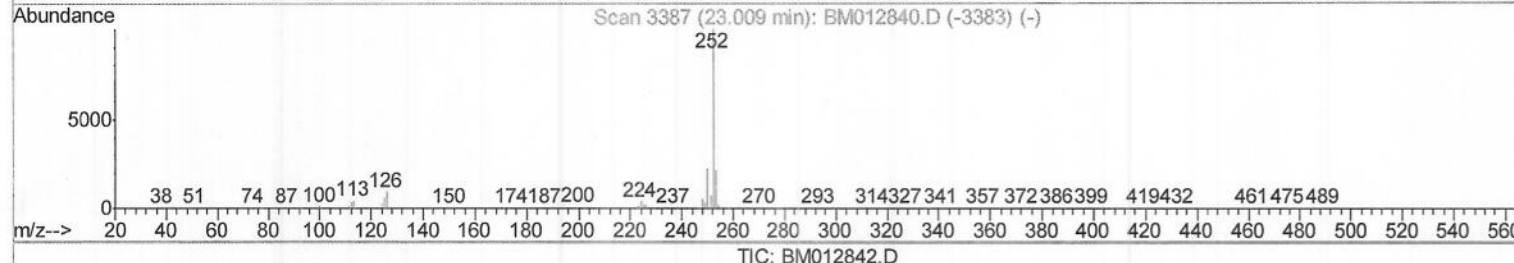
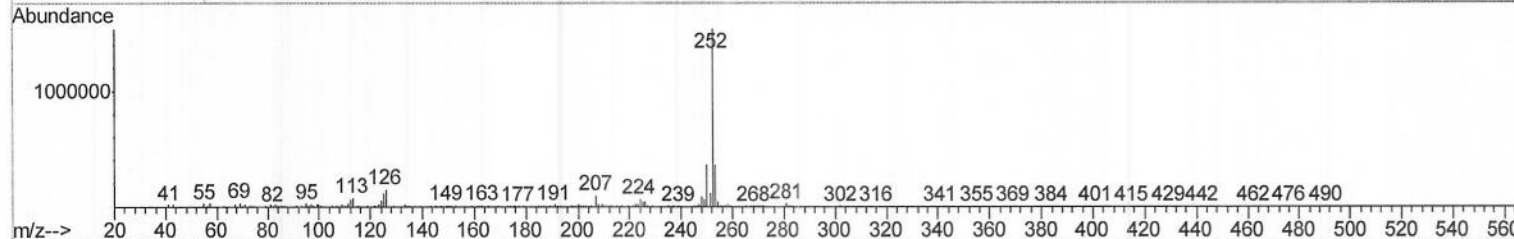
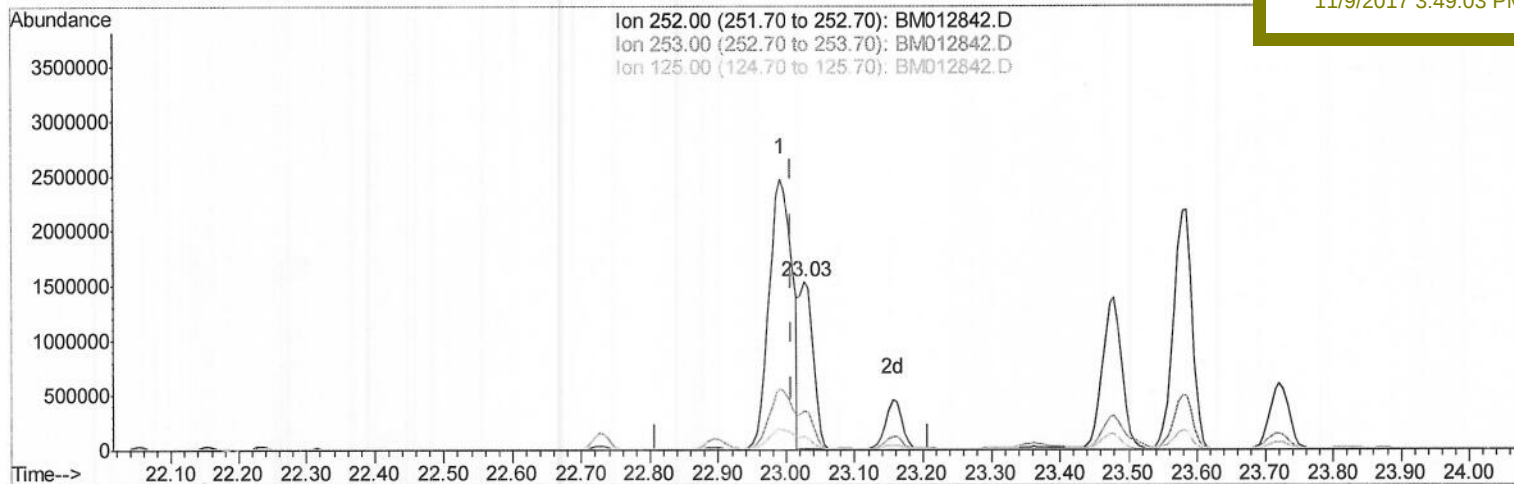
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012842.D
 Acq On : 09 Nov 2017 04:16
 Operator : SJ/JU
 Sample : I6032-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 09 06:10:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 B-31(5-5.5)-101817

Manual Integrations
 APPROVED

Sohil
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(88) Benzo(k)fluoranthene
 23.027min (+0.018) 43.63ng/ul m
 response 2150545

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.36
125.00	10.20	7.74#
0.00	0.00	0.00

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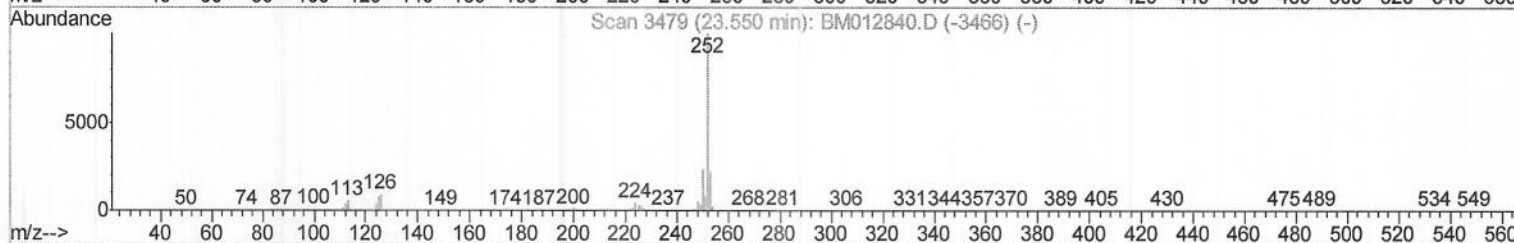
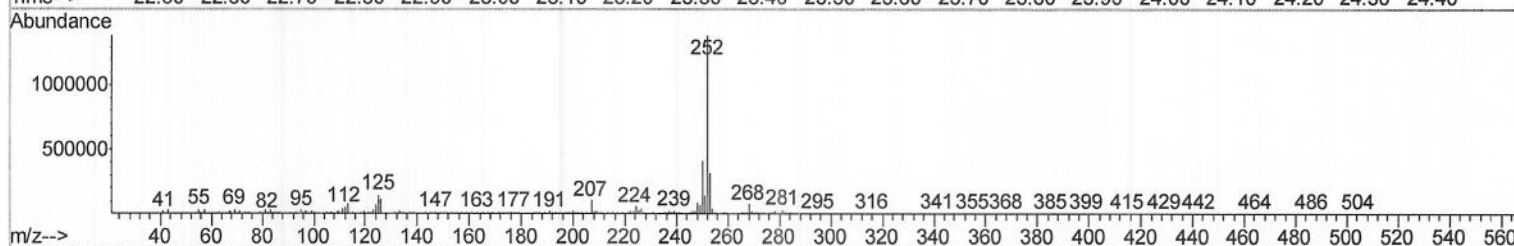
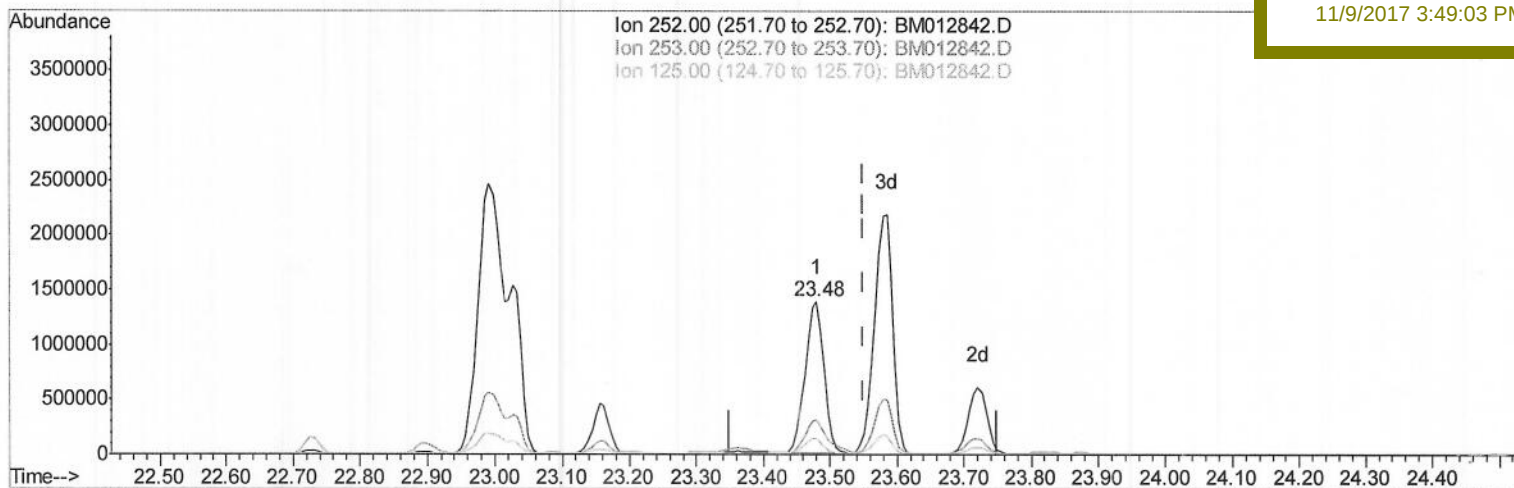
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012842.D
Acq On : 09 Nov 2017 04:16
Operator : SJ/JU
Sample : I6032-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 09 06:10:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-31(5-5.5)-101817

Manual Integrations
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TIC: BM012842.D

(90) Benzo(a)pyrene (C)

23.480min (-0.071) 54.57ng/ul

response 2692612

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.67
125.00	11.30	10.34
0.00	0.00	0.00

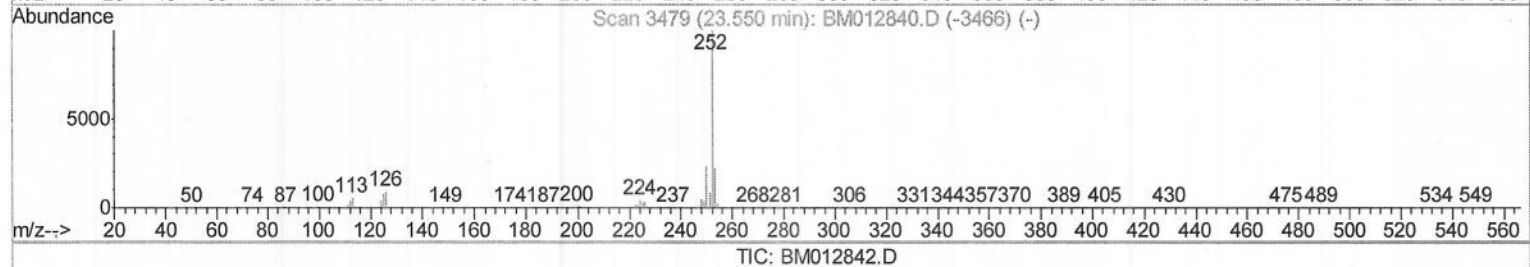
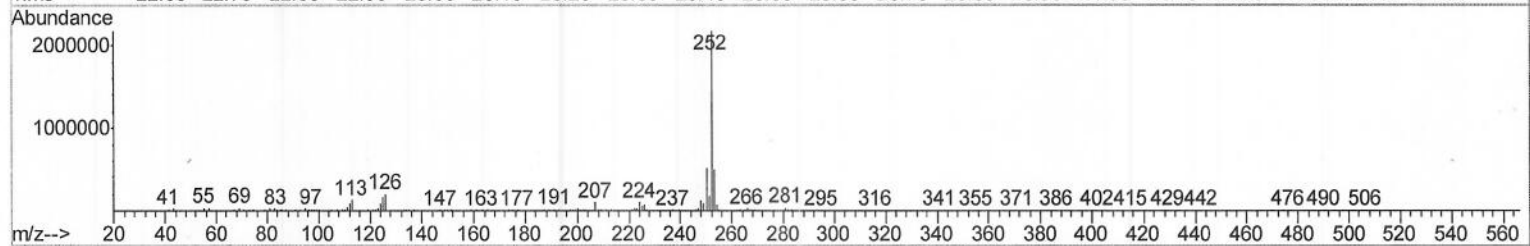
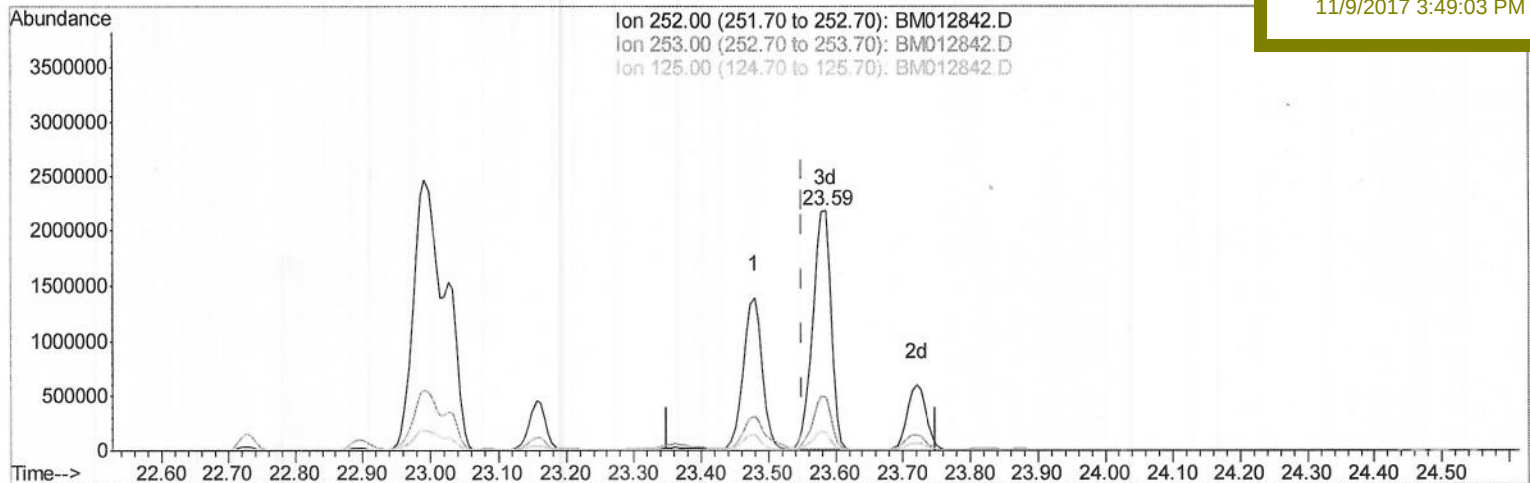
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012842.D
Acq On : 09 Nov 2017 04:16
Operator : SJ/JU
Sample : I6032-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 09 06:10:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-31(5-5.5)-101817

Manual Integrations
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(90) Benzo(a)pyrene (C)

23.585min (+0.035) 83.59ng/ul m

response 4124611

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.45
125.00	11.30	7.55#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012842.D
 Acq On : 09 Nov 2017 04:16
 Operator : SJ/JU
 Sample : I6032-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-31(5-5.5)-101817

Quant Time: Nov 09 06:12:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	174805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	722497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	415649	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	785464	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	743979	20.00	ng/ul	0.01
85) Perylene-d12	23.67	264	848589	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13825m	4.27	ng/uL	0.00
5) Phenol-d5	6.98	99	325265	25.01	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.13	67	184806	26.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	285870	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	264064	23.52	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	142900	26.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	158085	25.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	309866	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	206908	17.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	980753	28.51	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1162649	27.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	86653	15.72	ng/ul	0.00
57) Fluorene-d10	15.44	176	799296	27.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	9469	1.83	ng/ul	0.02
70) Anthracene-d10	17.30	188	1102365	29.05	ng/ul	0.01
78) Pyrene-d10	19.59	212	1043007	30.21	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	1235197	30.78	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.00	94	33242	2.49	ng/ul	93
28) Naphthalene	10.65	128	282832	7.83	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	73989	2.68	ng/ul	97
44) Dimethylphthalate	13.90	163	214707	6.29	ng/ul	99
47) Acenaphthylene	14.16	152	57822	1.40	ng/ul#	94
49) Acenaphthene	14.51	153	329538	11.73	ng/ul	95
53) Dibenzofuran	14.84	168	377475	9.21	ng/ul	91
58) Fluorene	15.49	166	370517	10.89	ng/ul	99
60) 4-Nitroaniline	15.52	138	17514	2.61	ng/ul	95
69) Phenanthrene	17.25	178	10710160	249.47	ng/ul	99
71) Anthracene	17.33	178	2535874	56.97	ng/ul	100
74) Carbazole	17.60	167	470431	12.67	ng/ul	97
75) Di-n-butylphthalate	18.15	149	83804	1.93	ng/ul	97
76) Fluoranthene	19.27	202	12203213	236.54	ng/ul	97
79) Pyrene	19.63	202	9575853	215.73	ng/ul	96
82) Benzo(a)anthracene	21.37	228	5116591	113.65	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.28	149	75397	3.20	ng/ul#	88
84) Chrysene	21.42	228	4672734	114.53	ng/ul	97
87) Benzo(b)fluoranthene	22.99	252	5860648	113.01	ng/ul#	96
88) Benzo(k)fluoranthene	23.03	252	2150545m	43.63	ng/ul	
90) Benzo(a)pyrene	23.59	252	4124611m	83.59	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.01	276	2949683	49.60	ng/ul#	85
92) Dibenzo(a,h)anthracene	26.00	278	805123	15.99	ng/ul	96

SJ
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B-31(5-5.5)-101817

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
93) Benzo(a,h,i)perylene	26.73	276	2362648	48.21	ng/ul#	91

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