

Instrument :
BNA_M
ClientSampleId :
F6A76

Sohil
1/26/2018 4:02:19 PM

Abundance

TIC: BM013805.D

Time-->

6e+07

5.5e+07

5e+07

4.5e+07

4e+07

3.5e+07

3e+07

2.5e+07

2e+07

1.5e+07

1e+07

5000000

0

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

Phenol-d5 S
Bis(2-chlorophenyl) ether-d8 S
2-Chlorophenol-d4 S
1,4-Dichlorobenzene-d4 I
4-Methylphenol-d8 S
Nitrobenzene-d5 S
2-Nitrophenol-d4 S
2,4-Dichlorophenol-d3 S
Naphthalene-d8 S
Chloroaniline-d4 S
Naphthalene
2-Methylnaphthalene
1,1'-Biphenyl
Dimethylphthalate-d6 S
Acenaphthylene-d8 S
Acenaphthene
Dibenzofuran
Fluorene
4-Ethyl-2-methylphenylamine
Pentachlorophenol C
Benzo(a)pyrene-d10 I
Anthracene
Carbazole
Pyrene-d10 S
Chrysene-d12 H
Benzofluoranthene
Benzo(a)fluoranthene
Dibenzo(a,h)pyrene
Benzo(g,h,i)perylene

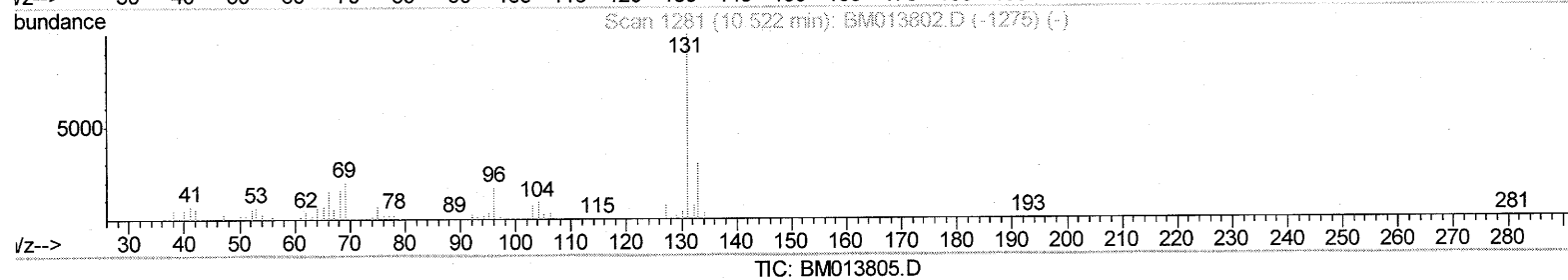
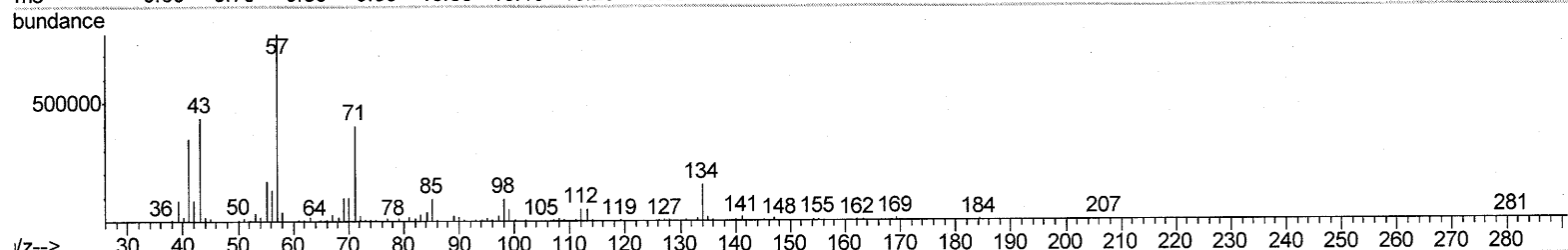
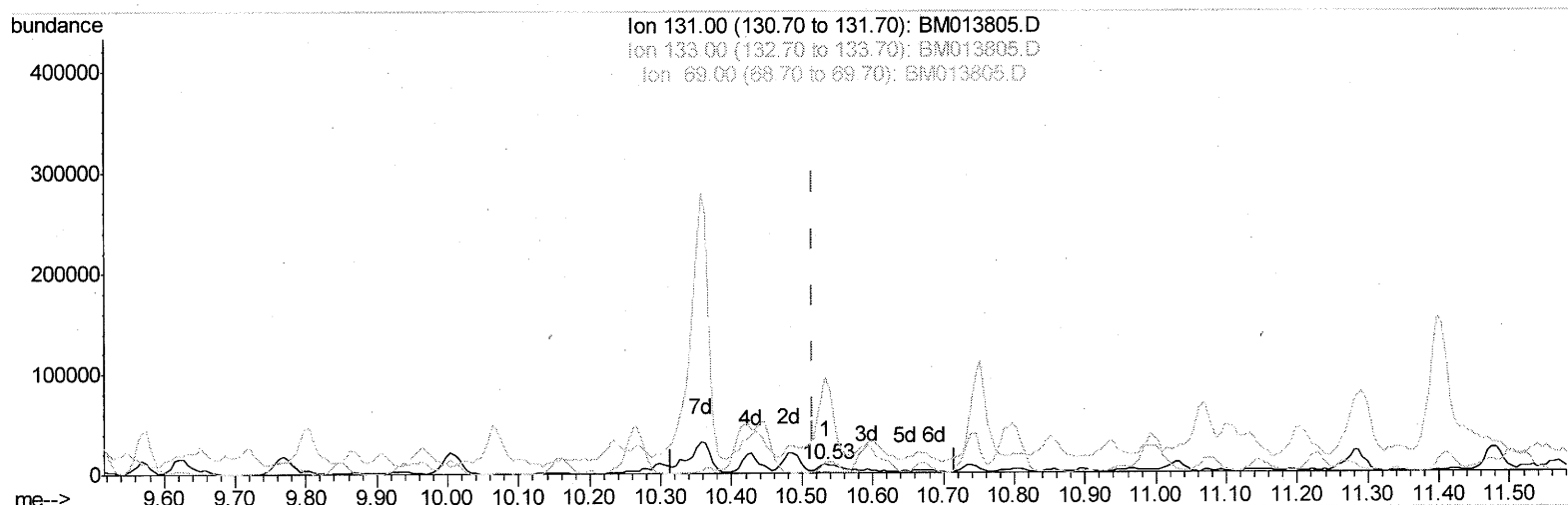
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Data File : BM013805.D
Acq On : 25 Jan 2018 14:50
Operator : SJ/JU
Sample : J1223-10 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A76

Manual Integrations
APPROVED

Sohil
1/26/2018 4:02:19 PM

Quant Time: Jan 26 16:21:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 16:10:25 2018
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.534min (+0.018) 3.05ng/ul

response 19299

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	119.28#
69.00	24.30	1131.37#
0.00	0.00	0.00

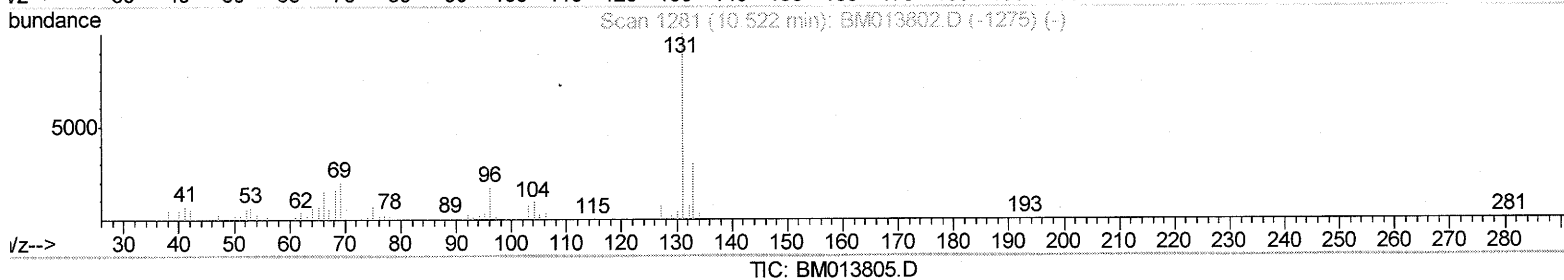
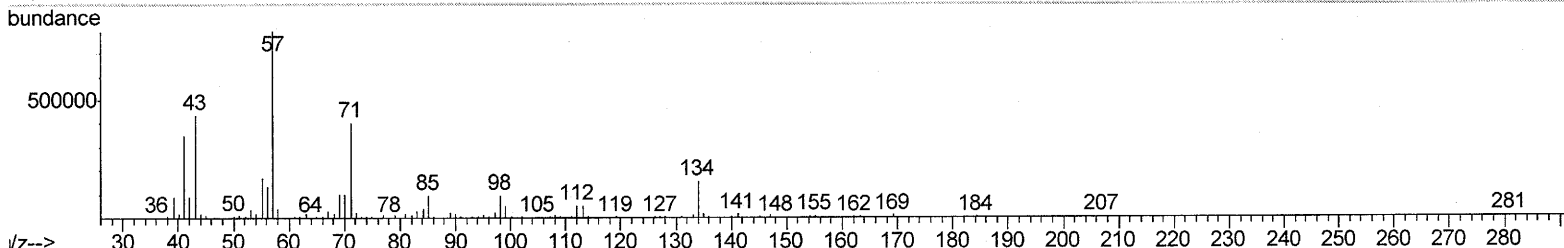
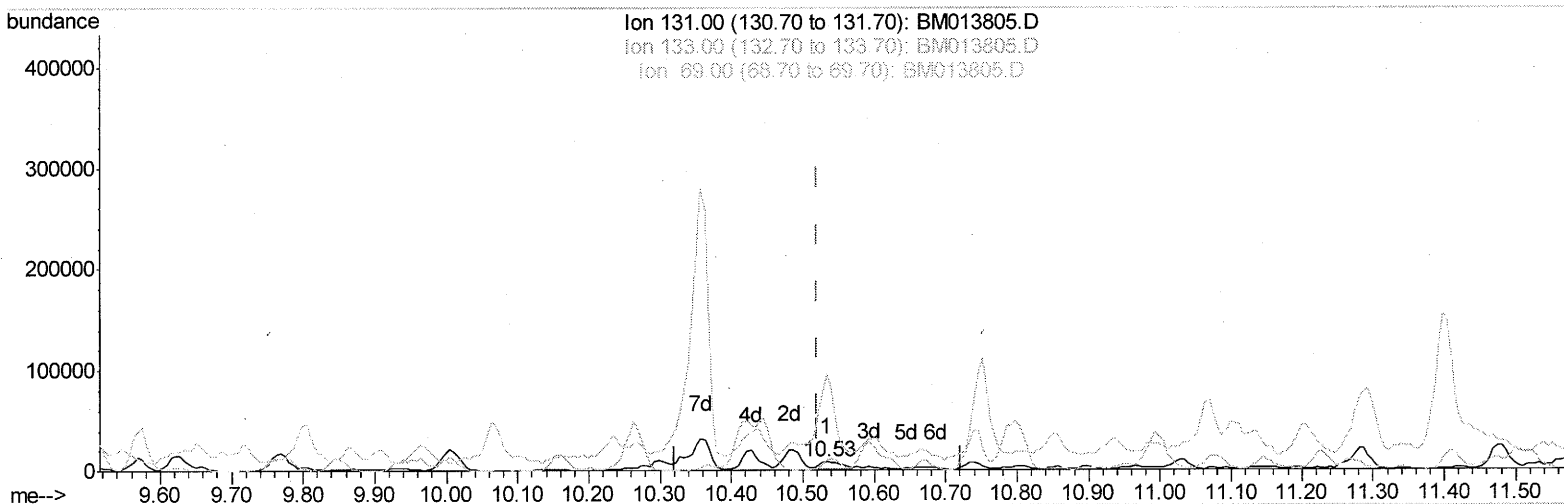
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Manual Integrations
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Quant Time: Jan 25 19:53:19 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 16:56:26 2018
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.534min (+0.012) 2.35ng/ul m

response 14841

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	119.28#
69.00	24.30	1131.37#
0.00	0.00	0.00

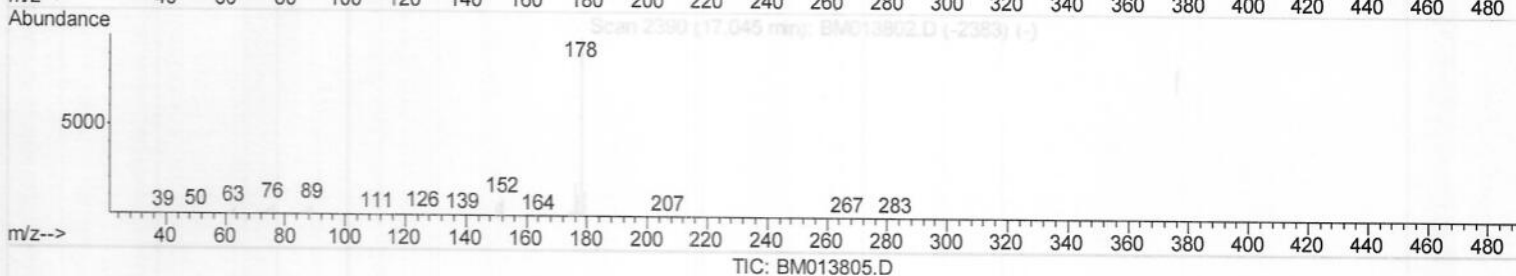
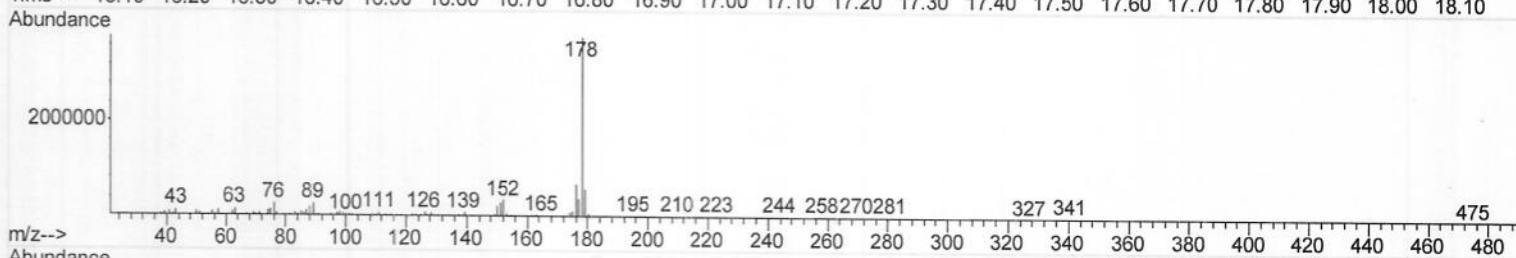
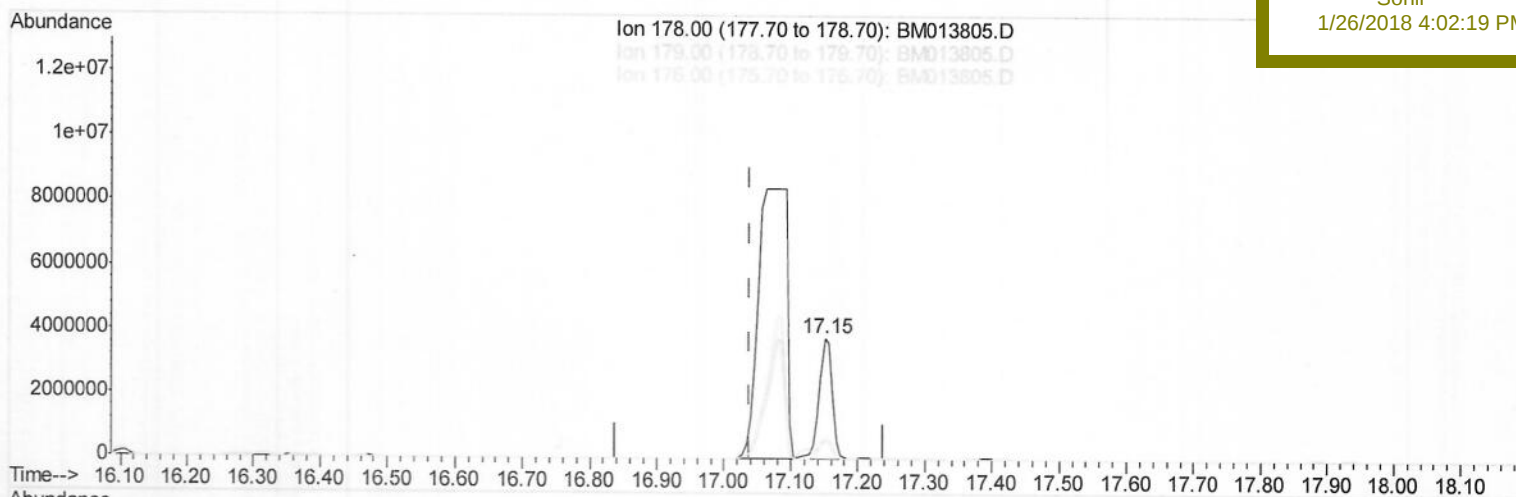
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APPROVED

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1/26/2018 4:02:19 PM



(69) Phenanthrene

17.151min (+0.112) 163.00ng/ul

response 5065977

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.34
176.00	18.60	18.01
0.00	0.00	0.00

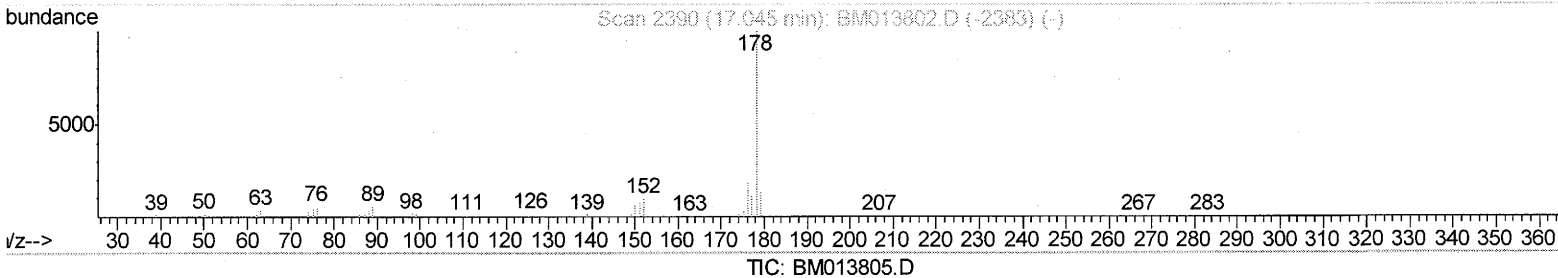
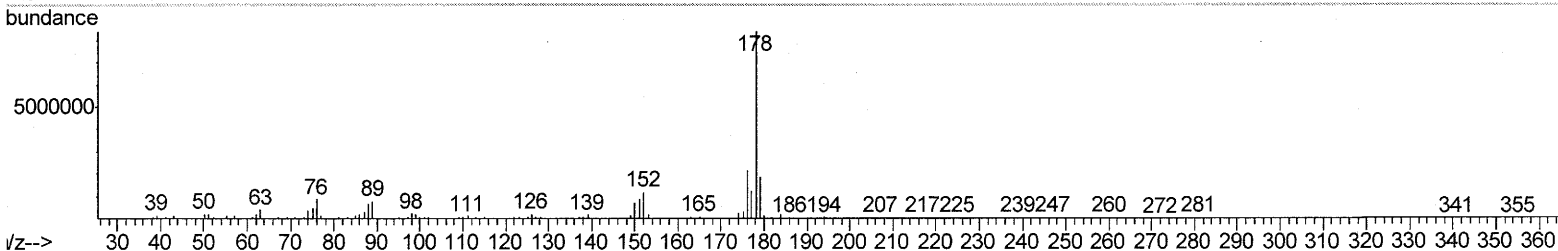
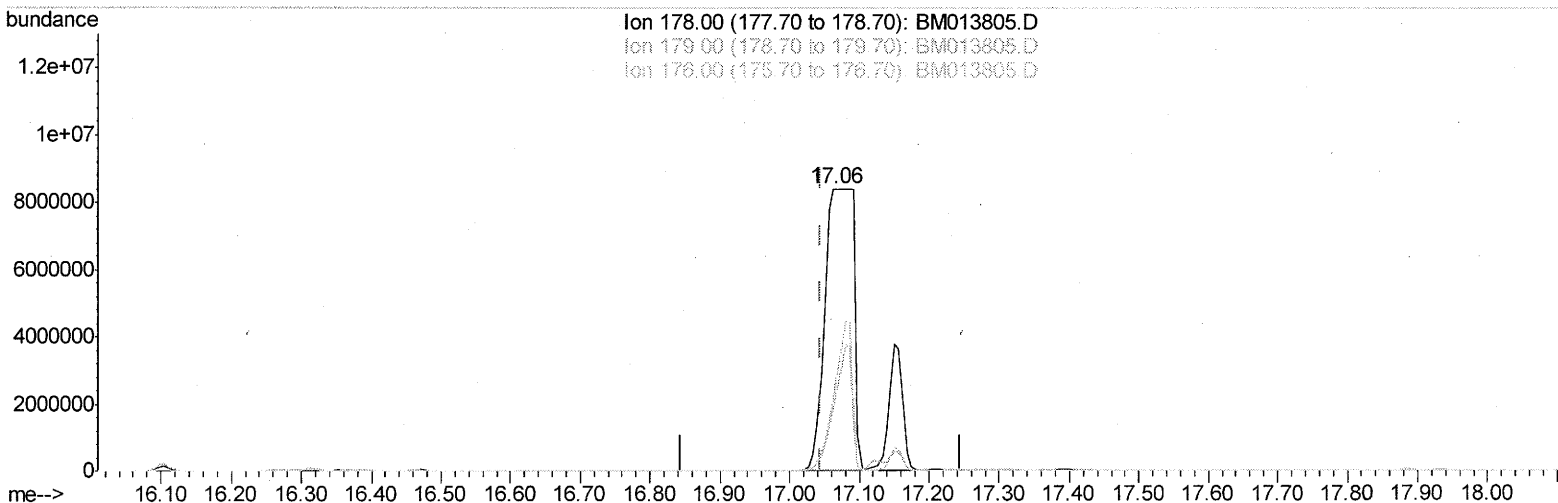
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Manual Integrations
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(69) Phenanthrene

17.063min (+0.018) 785.81ng/ul m

response 24422263

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	21.79#
176.00	18.60	25.18#
0.00	0.00	0.00

201/29/18

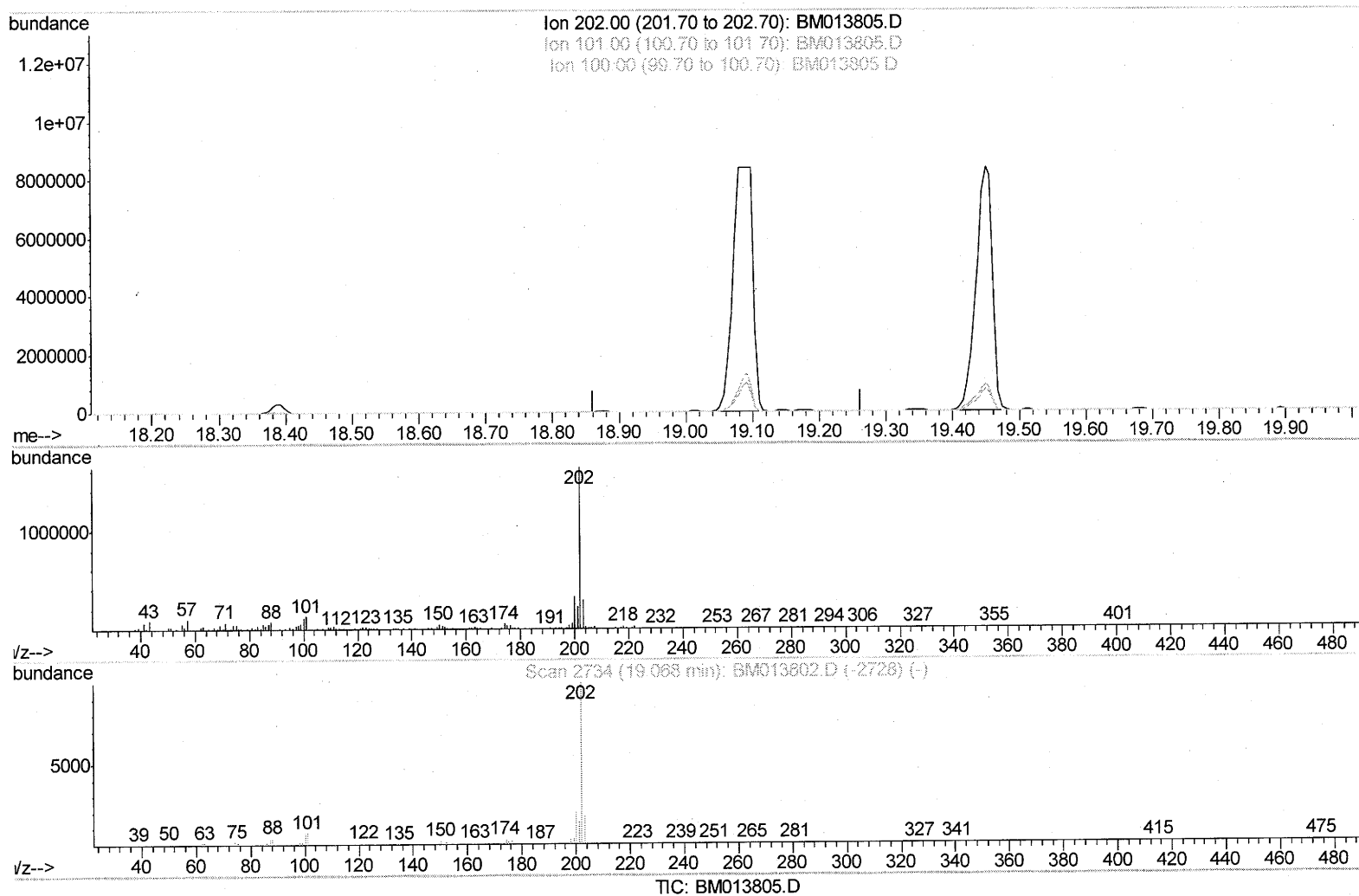
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Instrument :
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Manual Integrations
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(74) Fluoranthene (C)

19.062min (-19.062) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	5.80	0.00#
100.00	4.30	0.00#
0.00	0.00	0.00

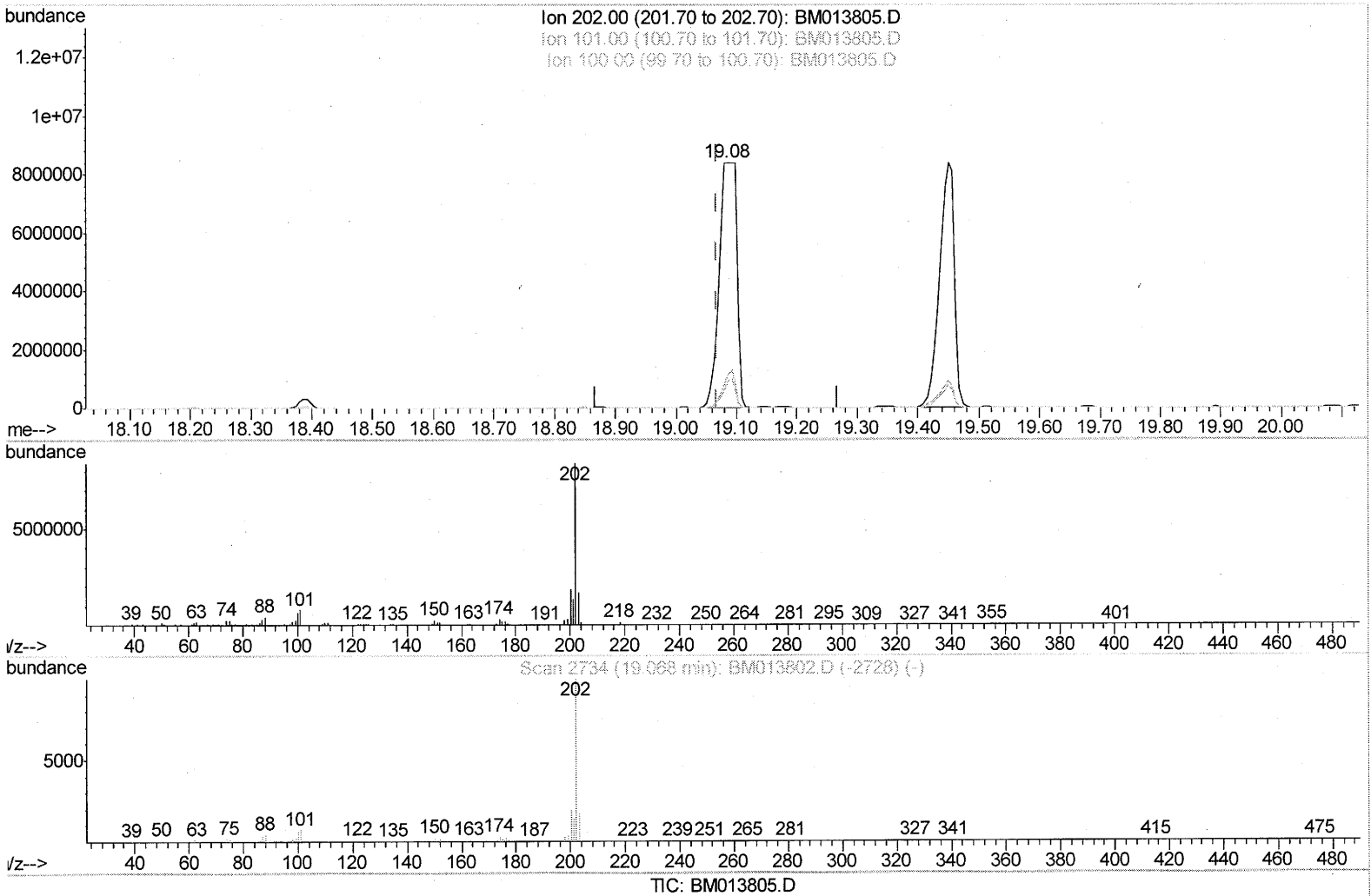
Data Path : \\Terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM012518\
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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Sohil
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 Response via : Initial Calibration



(74) Fluoranthene (C)

19.080min (+0.012) 460.06ng/ul m

response 17067589

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	9.58#
100.00	4.30	7.33#
0.00	0.00	0.00

Handwritten signature: 01/27/18

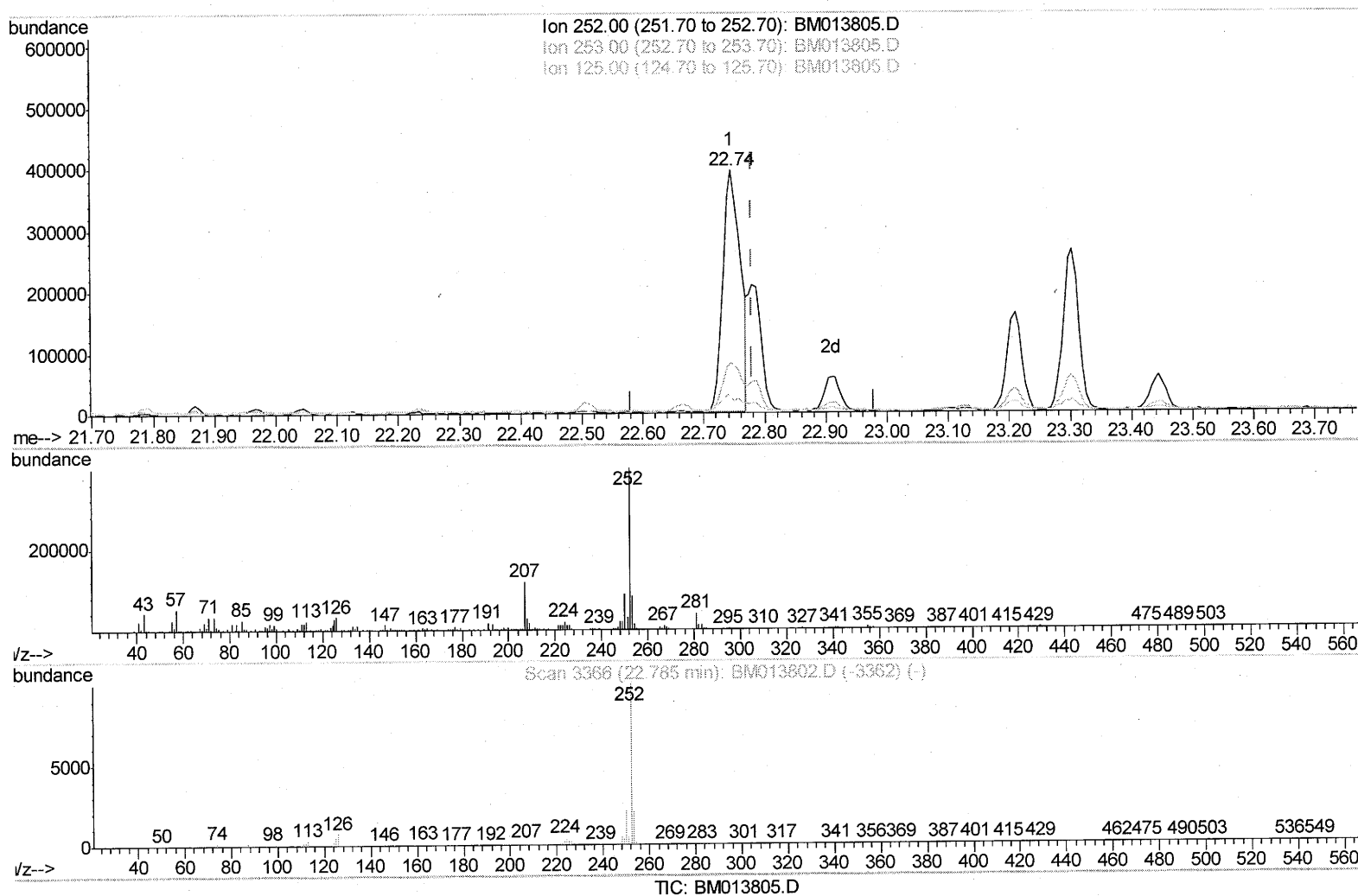
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 Data File : BM013805.D
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
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(86) Benzo(k)fluoranthene

22.744min (-0.035) 22.15ng/ul

response 790923

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	20.63
125.00	4.30	6.65#
0.00	0.00	0.00

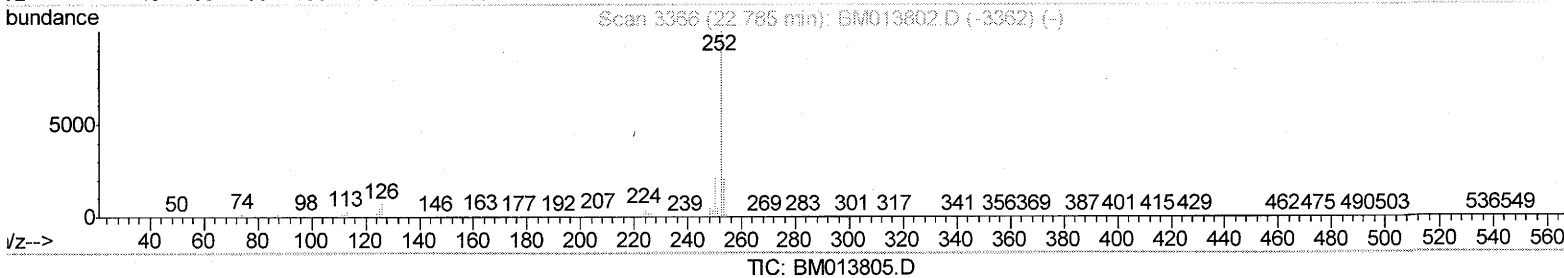
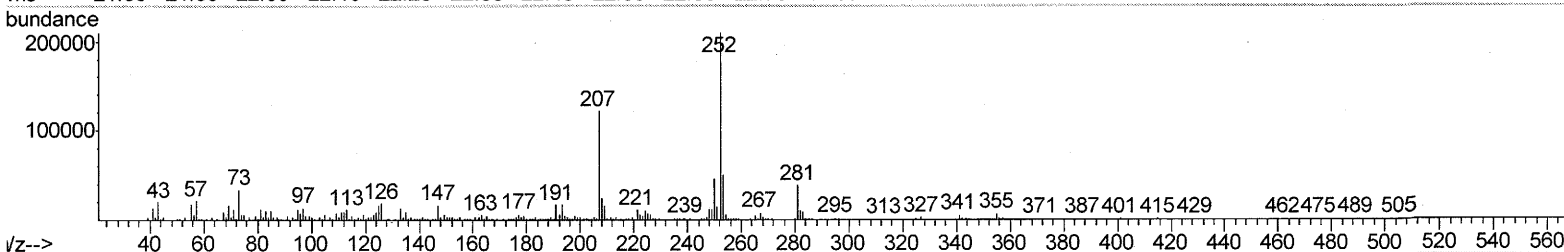
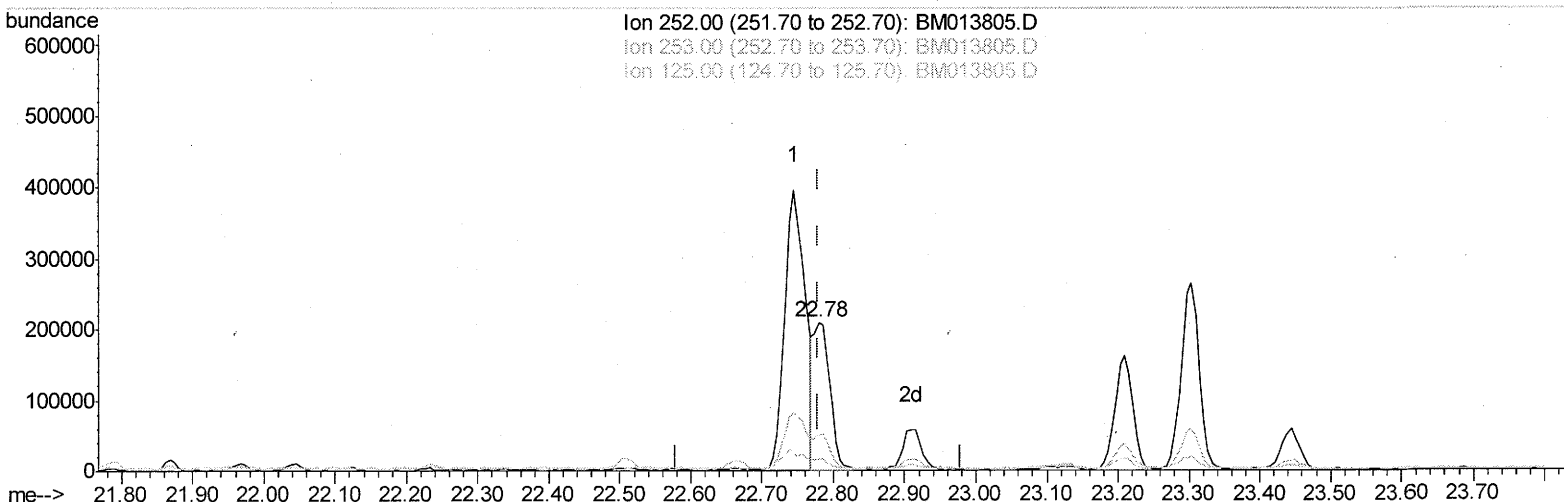
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 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.780min (+0.000) 9.20ng/ul m

response 328396

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.98
125.00	4.30	7.52#
0.00	0.00	0.00

201/27/18

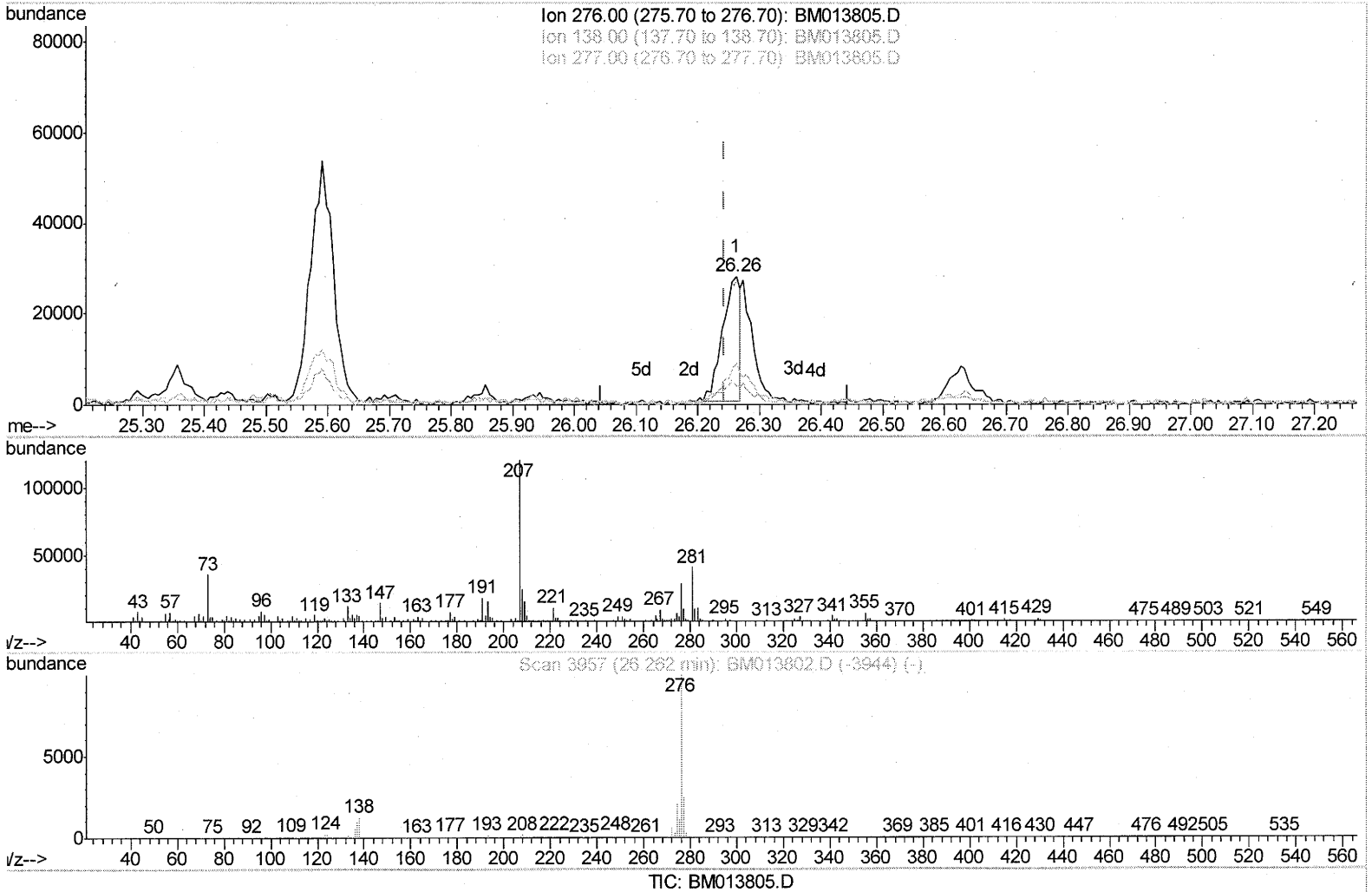
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 Data File : BM013805.D
 Acq On : 25 Jan 2018 14:50
 Operator : SJ/JU
 Sample : J1223-10 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
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Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:02:19 PM

Quant Time: Jan 26 16:21:19 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 16:10:25 2018
 Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

26.262min (+0.018) 1.60ng/ul

response 54404

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	14.86#
277.00	23.30	32.19#
0.00	0.00	0.00

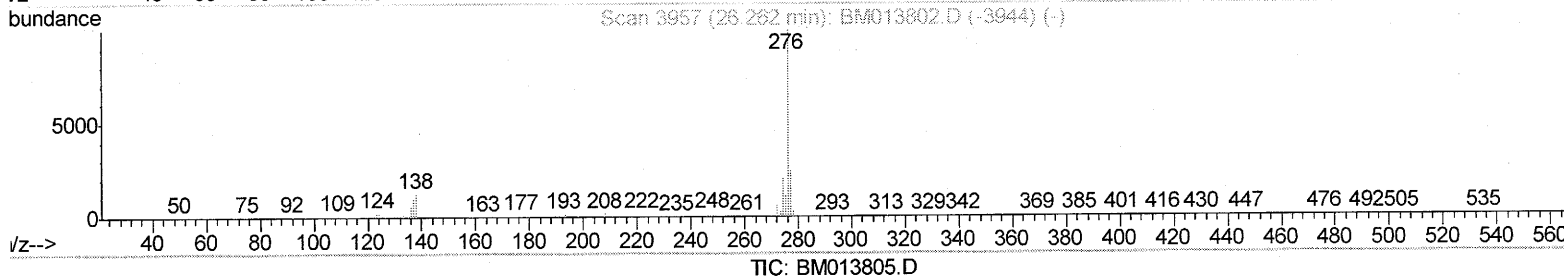
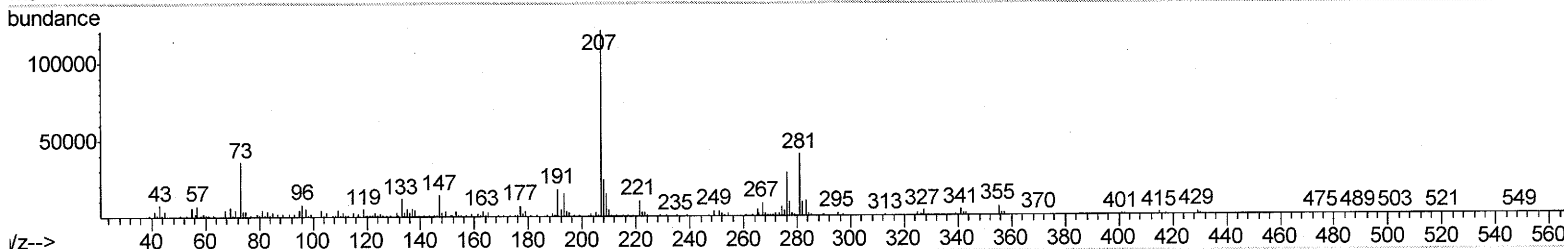
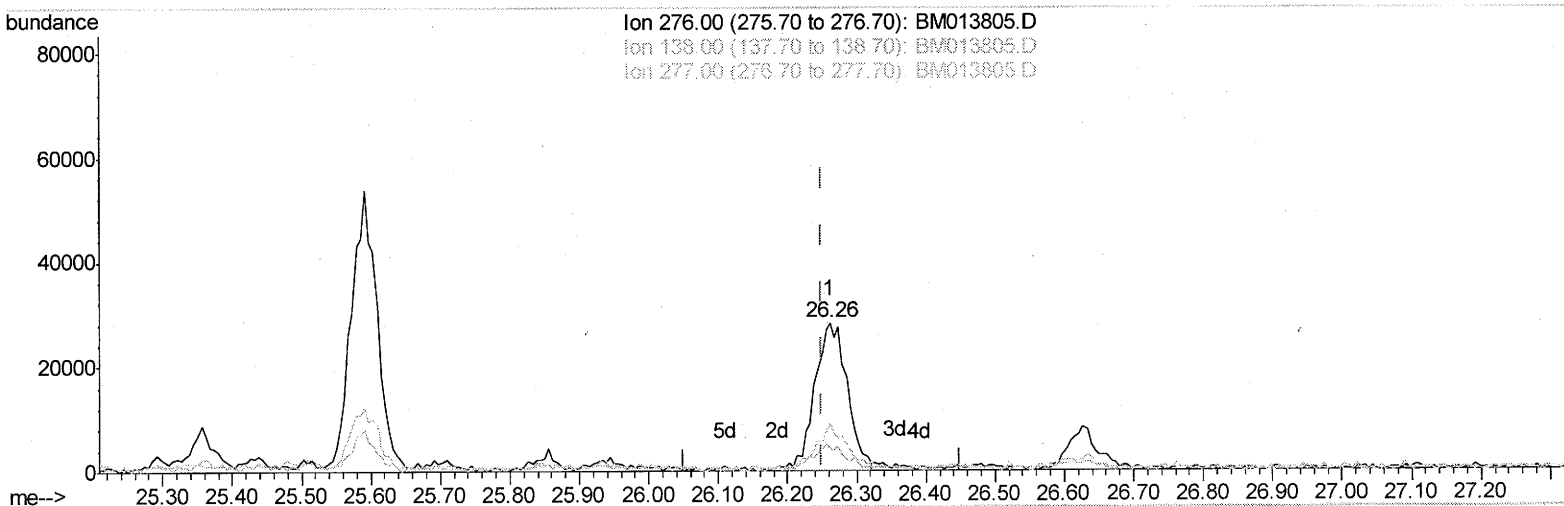
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 Data File : BM013805.D
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 Operator : SJ/JU
 Sample : J1223-10 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A76

Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:02:19 PM

Quant Time: Jan 25 19:53:19 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 16:56:26 2018
 Response via : Initial Calibration



(91) Benzo(g,h,i)perylene
 26.262min (+0.012) 2.69ng/ul m
 response 91171

26.01/29/18

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	14.86#
277.00	23.30	32.19#
0.00	0.00	0.00

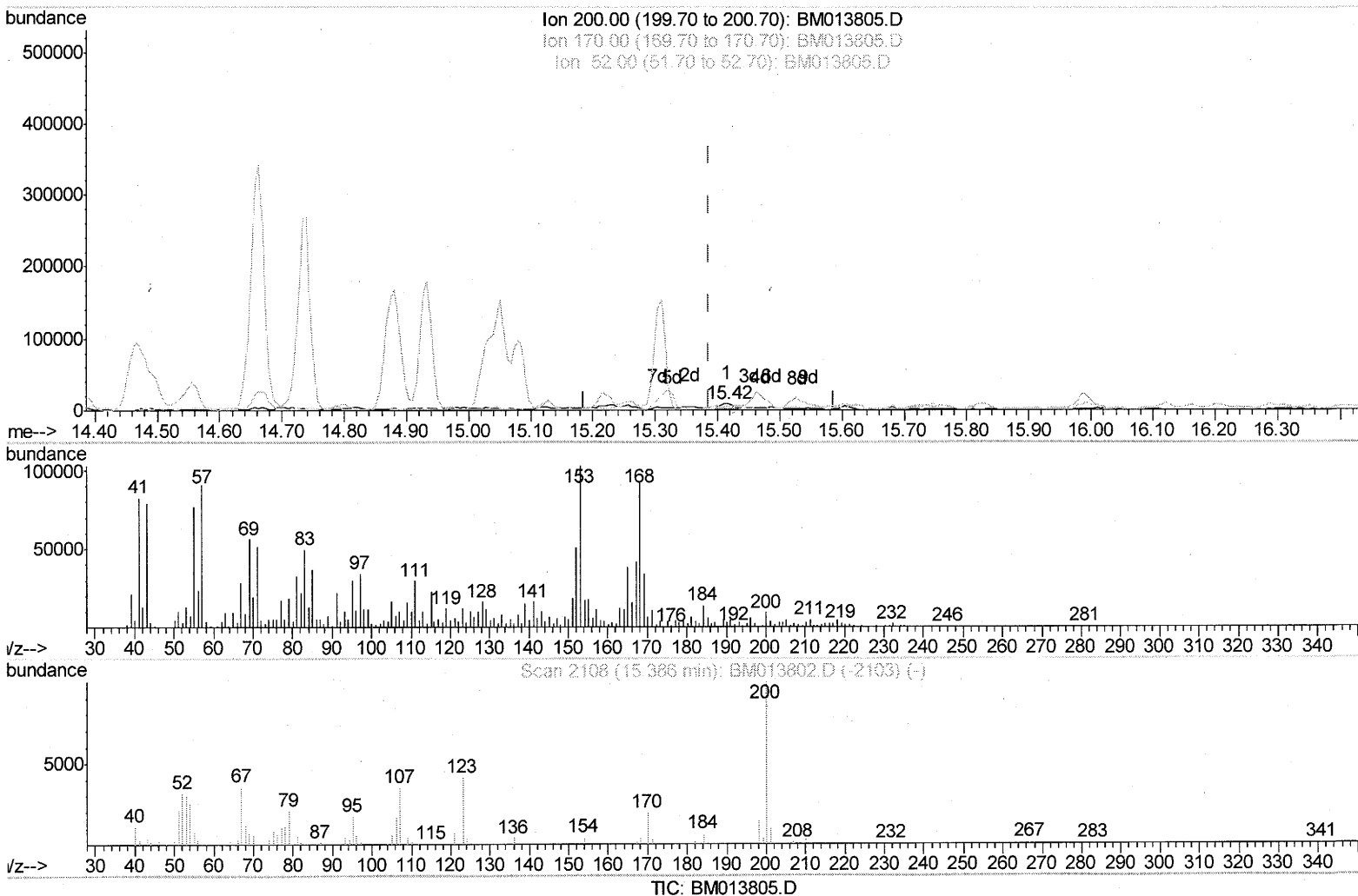
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 ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:02:19 PM



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.416min (+0.029) 3.54ng/ul

response 11897

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	69.84#
52.00	49.50	35.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

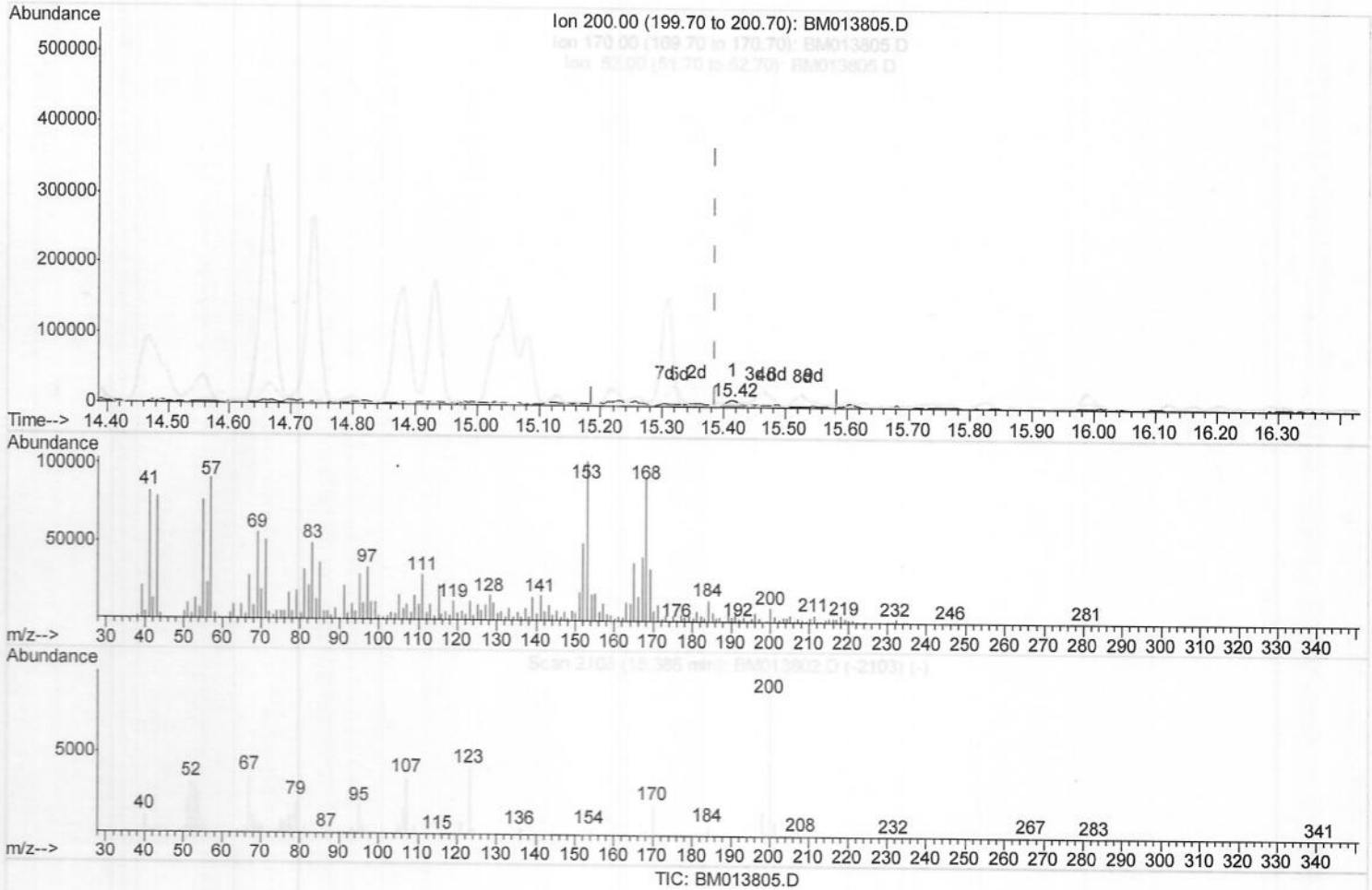
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.416min (+0.030) 3.86ng/ul

response 12993

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	69.84#
52.00	49.50	35.03#
0.00	0.00	0.00

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Acq On : 25 Jan 2018 14:50

Operator : SJ/JU

Sample : J1223-10 5X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 03:35:34 2018

Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jan 25 16:56:26 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

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Manual Integrations
APPROVED

Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	119597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	460017	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	288157	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	559118	20.00	ng/ul	0.02
75) Chrysene-d12	21.20	240	592657	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	601445	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	2026	0.67	ng/uL	0.00
5) Phenol-d5	6.79	99	40756	4.44	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	40970	7.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	35986	4.81	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	33351	4.73	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	20623	5.78	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	19669	5.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	36600	5.02	ng/ul	0.01
29) 4-Chloroaniline-d4	10.53	131	14841m	2.35	ng/ul	0.01
43) Dimethylphthalate-d6	13.67	166	126047	5.31	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	139466	4.60	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	2325	0.60	ng/ul	0.02
57) Fluorene-d10	15.25	176	99750	4.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	12993m	3.86	ng/ul	0.03
70) Anthracene-d10	17.12	188	149699	5.50	ng/ul	0.02
76) Pyrene-d10	19.41	212	177257	6.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	154682	5.60	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.43	128	15139491	661.524	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	8680445	508.735	ng/ul	94
40) 1,1'-Biphenyl	13.08	154	3441310	143.471	ng/ul	98
49) Acenaphthene	14.33	153	12729099	663.285	ng/ul	98
53) Dibenzofuran	14.67	168	11180822	387.275	ng/ul	99
58) Fluorene	15.32	166	9167810	387.657	ng/ul	98
64) N-Nitrosodiphenylamine	15.52	169	169705	10.320	ng/ul#	76
68) Pentachlorophenol	16.68	266	2990280	791.640	ng/ul	98
69) Phenanthrene	17.06	178	24422263m	785.810	ng/ul	
71) Anthracene	17.15	178	5065977	158.033	ng/ul	99
72) Carbazole	17.42	167	1144685	43.259	ng/ul	99
74) Fluoranthene	19.08	202	17067589m	460.061	ng/ul	
77) Pyrene	19.45	202	14219200	394.656	ng/ul#	89
80) Benzo(a)anthracene	21.19	228	2247479	62.759	ng/ul	99
82) Chrysene	21.24	228	1788526	54.441	ng/ul	97
85) Benzo(b)fluoranthene	22.74	252	790923	21.413	ng/ul#	96
86) Benzo(k)fluoranthene	22.78	252	328396m	9.198	ng/ul	
88) Benzo(a)pyrene	23.30	252	459584	13.171	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.59	276	135219	3.283	ng/ul#	94
91) Benzo(a,h,i)perylene	26.26	276	91171m	2.689	ng/ul	

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

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 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 19:53:19 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 16:56:26 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6A76

Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:02:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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