

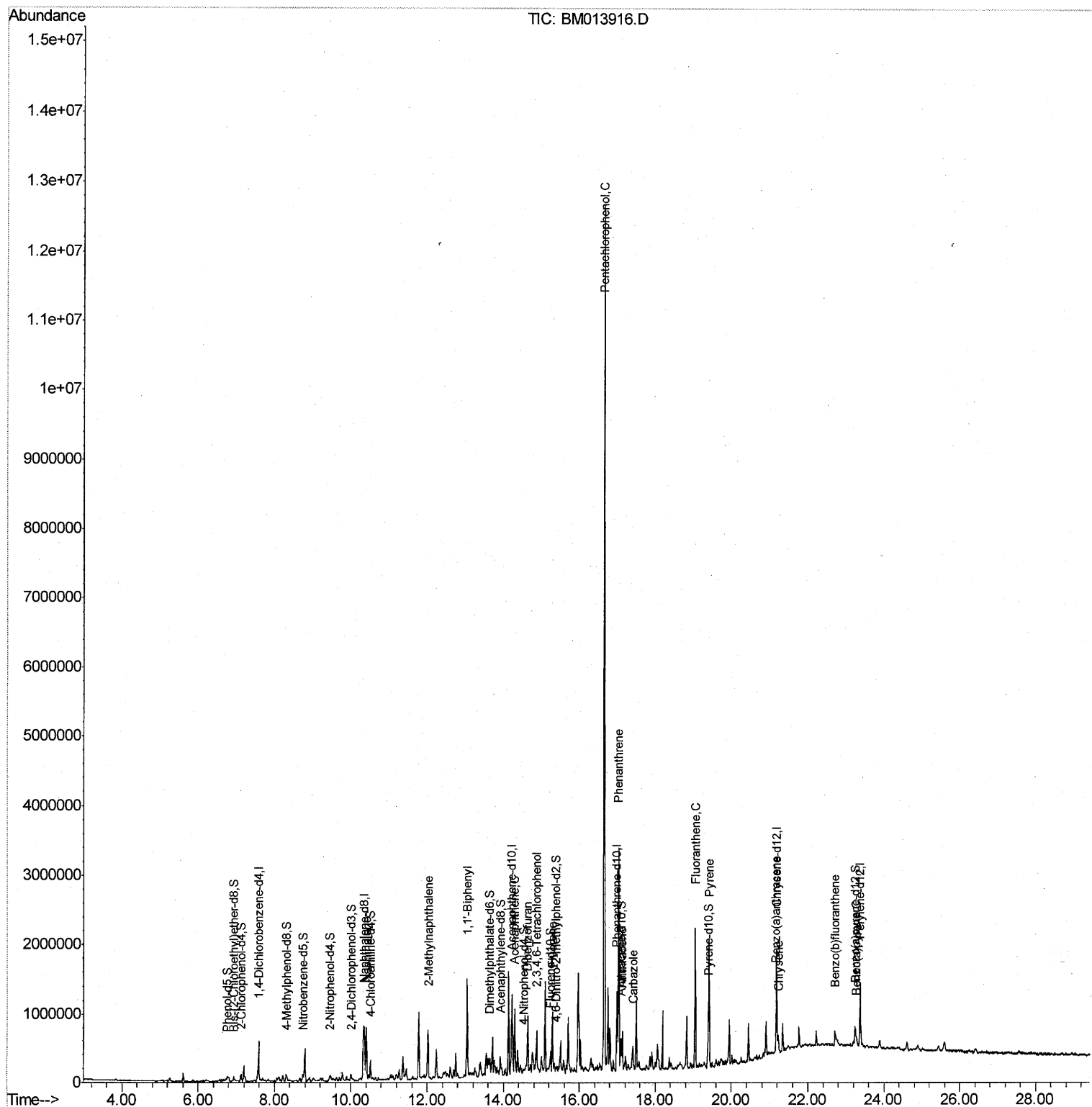
Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A79ME

Manual Integrations
APPROVED

Sohil
1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:57:17 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 03:14:13 2018
Response via : Initial Calibration



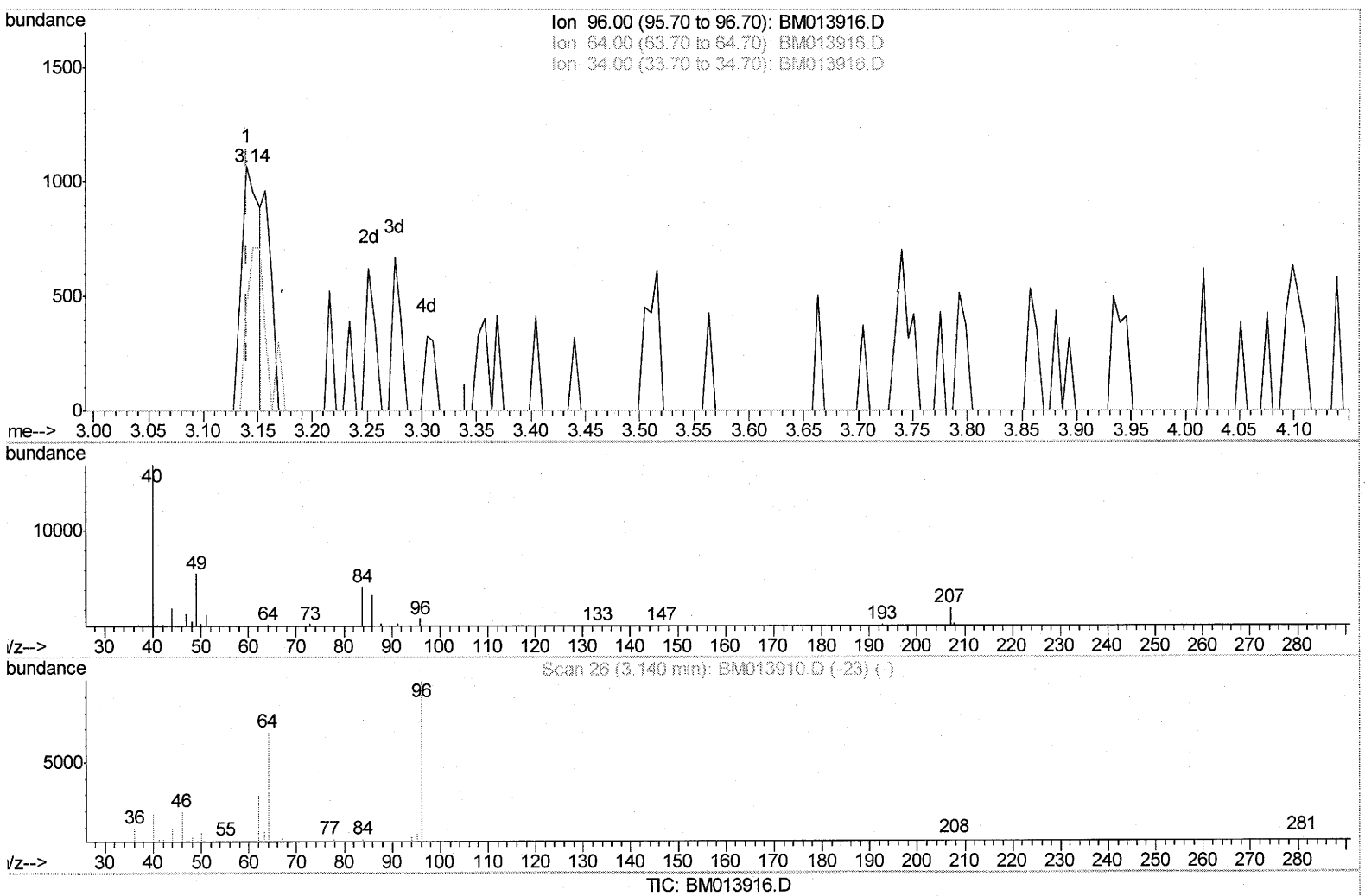
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 ClientSampleId :
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Manual Integrations
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Sohil
 1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:15:47 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration



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

3.140min (0.000) 0.34ng/uL

response 1200

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	65.67
34.00	0.00	0.00
0.00	0.00	0.00

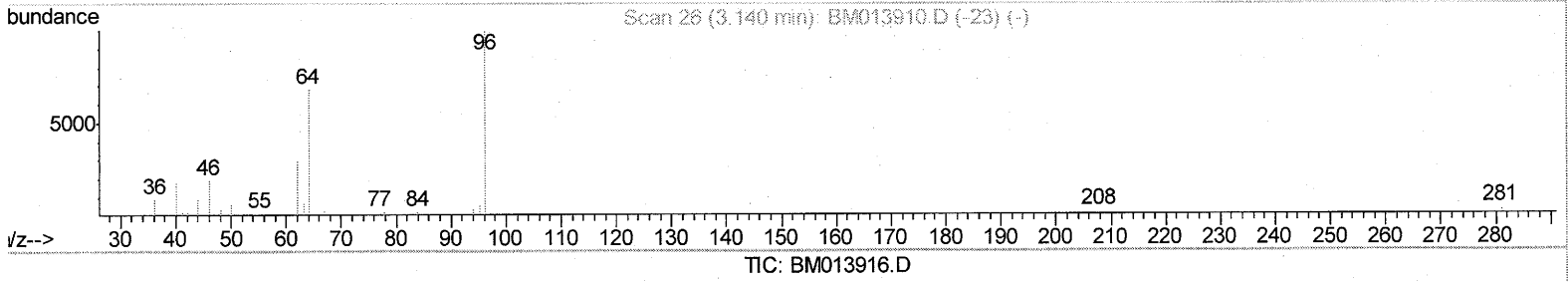
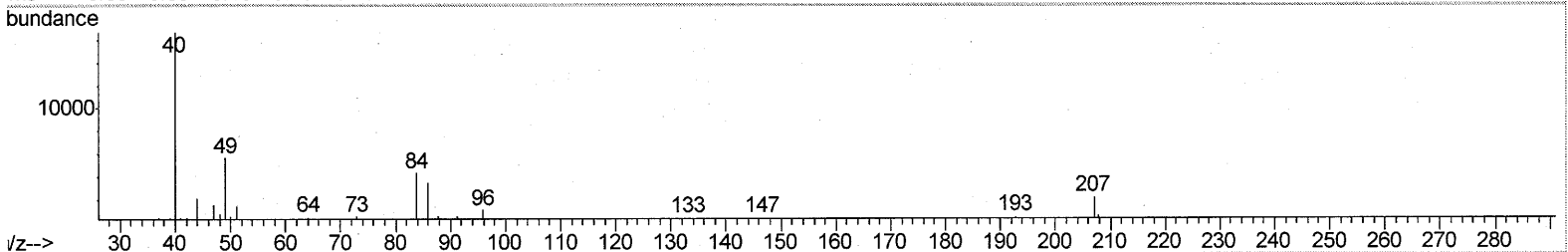
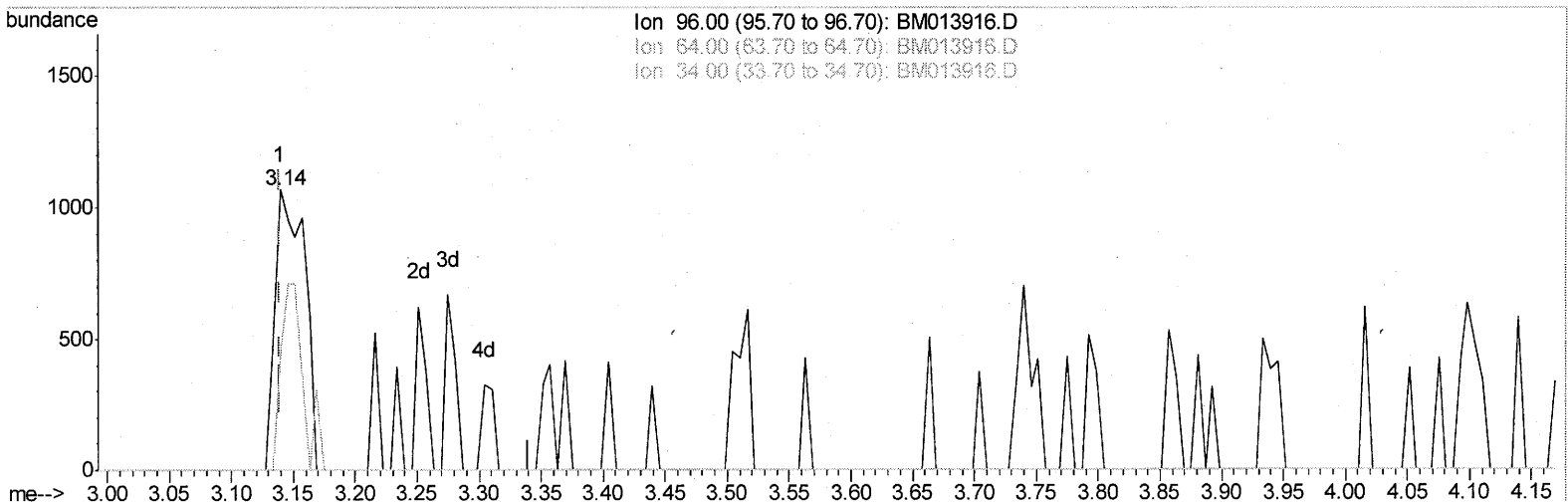
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(3) 1,4-Dioxane-d8 (S)
 3.140min (0.000) 0.49ng/uL m
 response 1744

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	45.18#
34.00	0.00	0.00
0.00	0.00	0.00

511/30/18

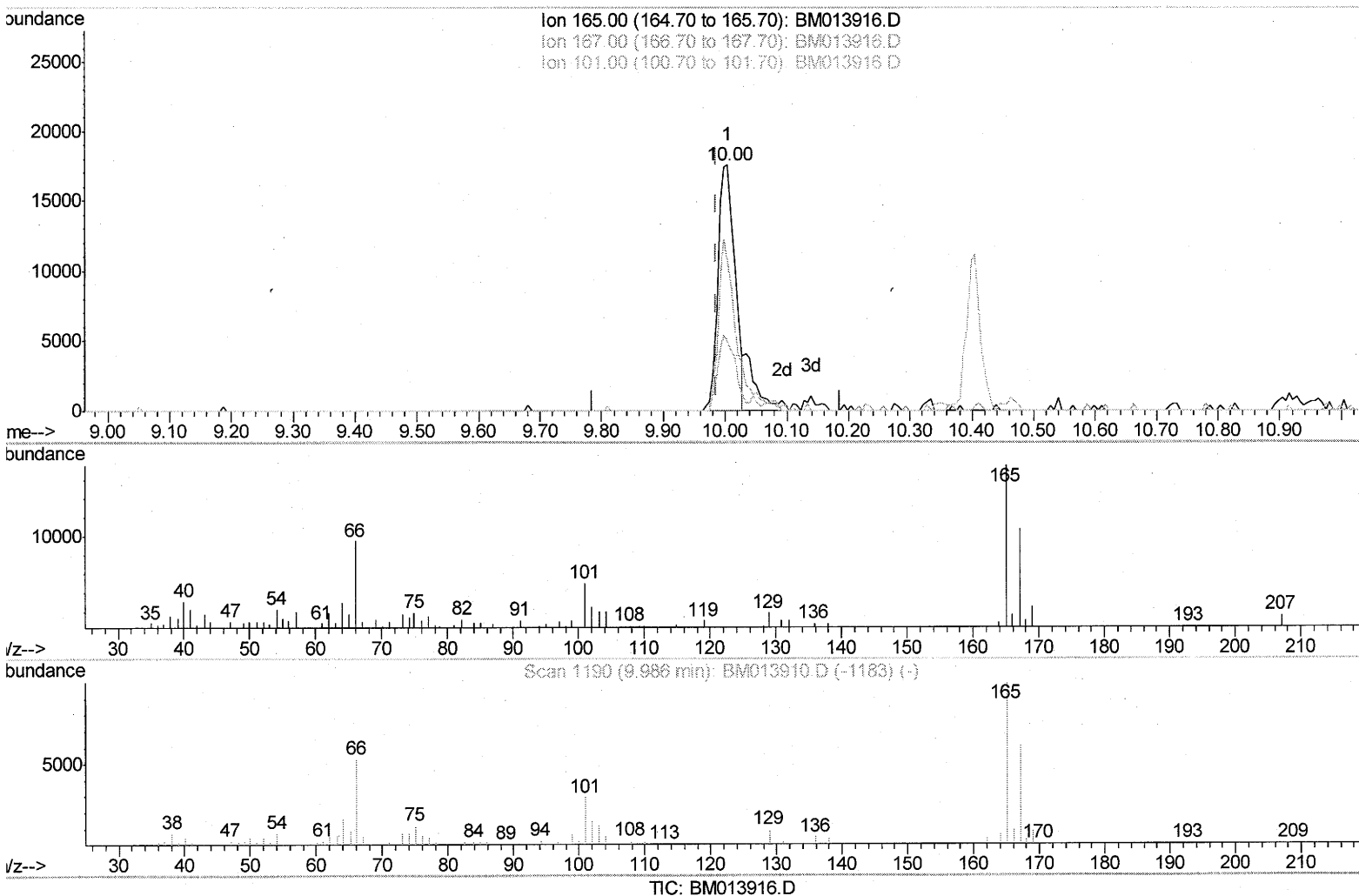
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Manual Integrations
APPROVED

Sohil
1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:53:44 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 03:14:13 2018
Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.004min (+0.018) 4.06ng/ul

response 33656

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.23
101.00	29.30	28.31
0.00	0.00	0.00

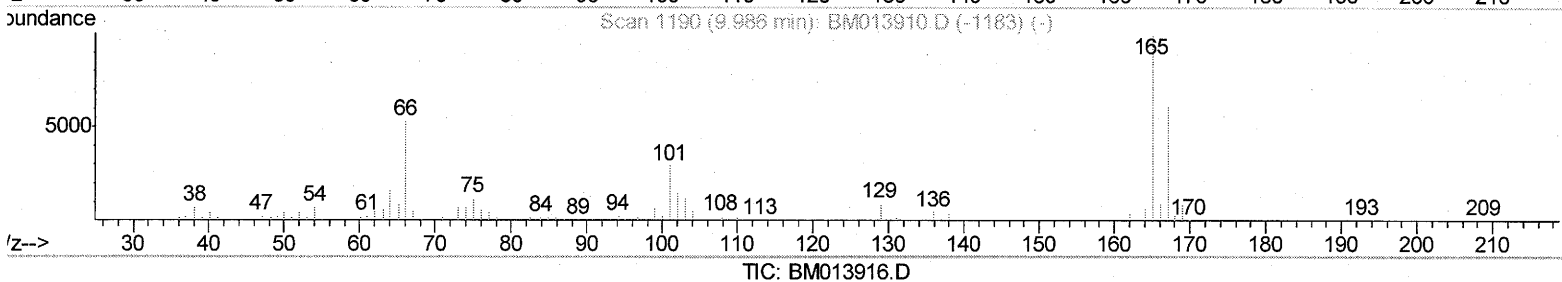
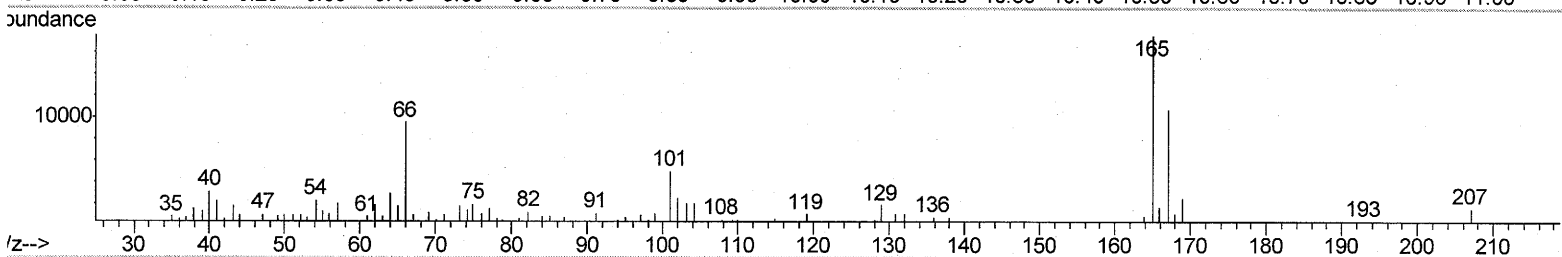
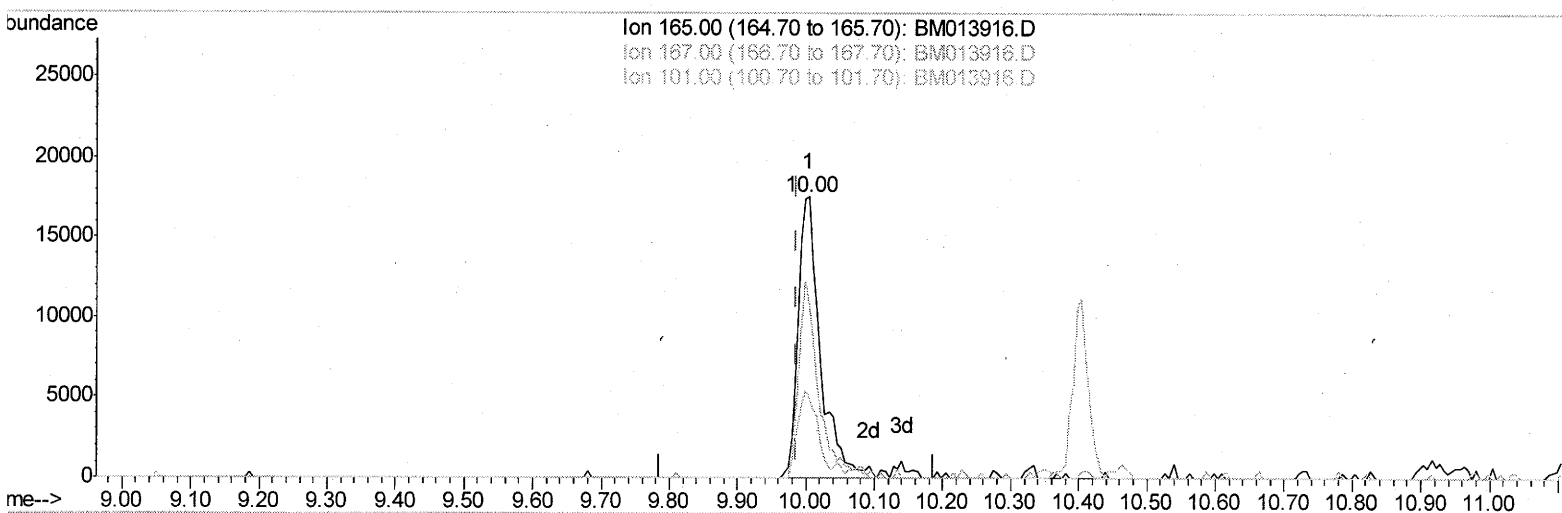
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Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A79ME

Manual Integrations
APPROVED

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(26) 2,4-Dichlorophenol-d3 (S)

10.004min (+0.018) 4.78ng/ul m

response 39656

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.23
101.00	29.30	28.31
0.00	0.00	0.00

SJ1/30/18

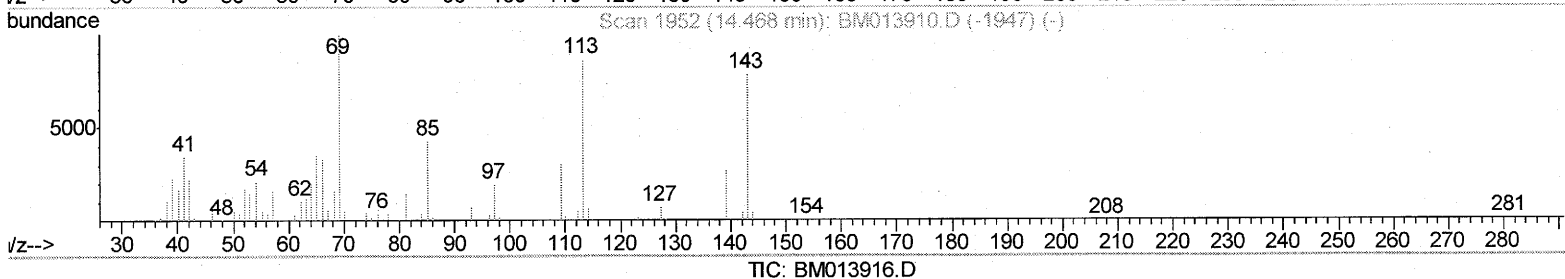
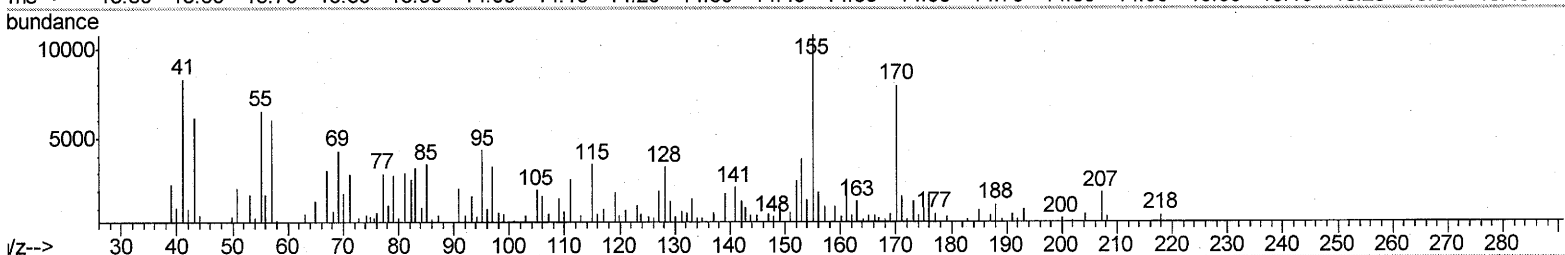
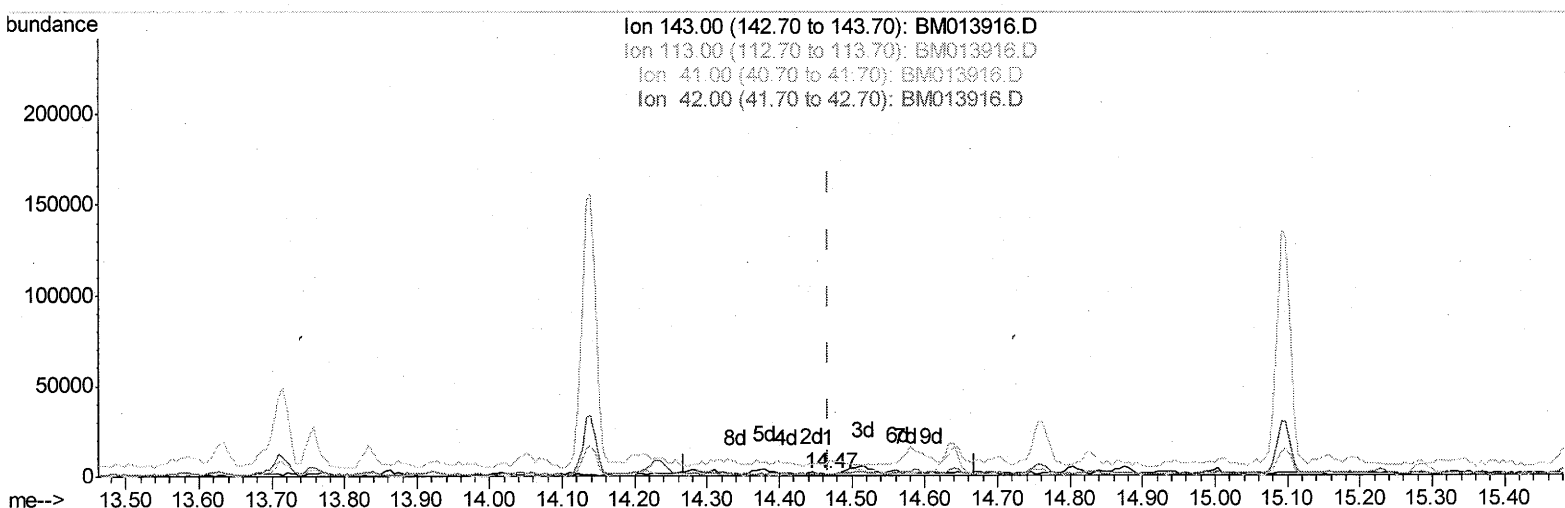
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Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampled :
F6A79ME

Manual Integrations
APPROVED

Sohil
1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:54:20 2018
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Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.468min (0.000) 0.06ng/ul

response 244

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	60.34#
41.00	34.80	770.39#
42.00	20.50	98.14#

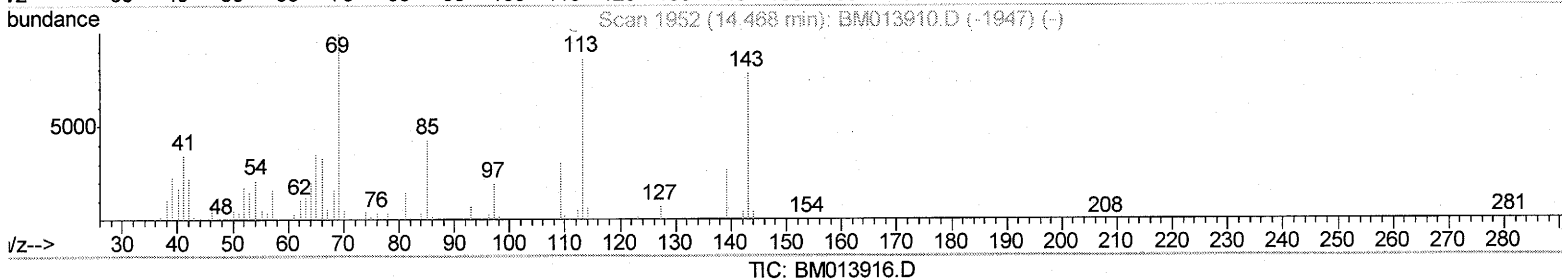
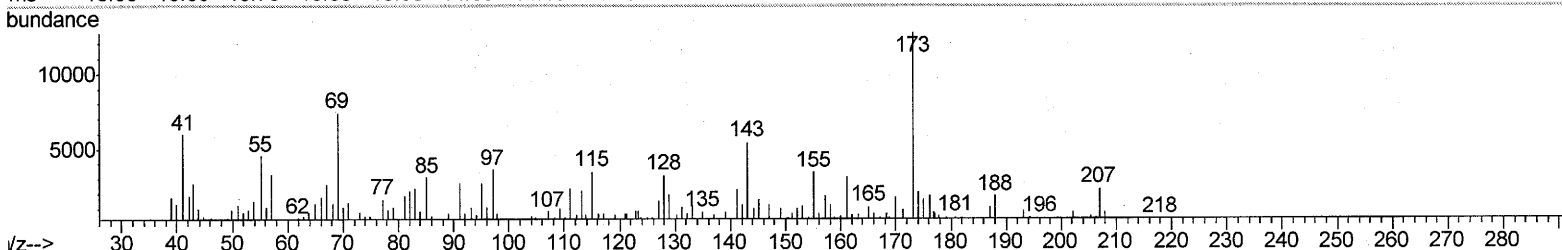
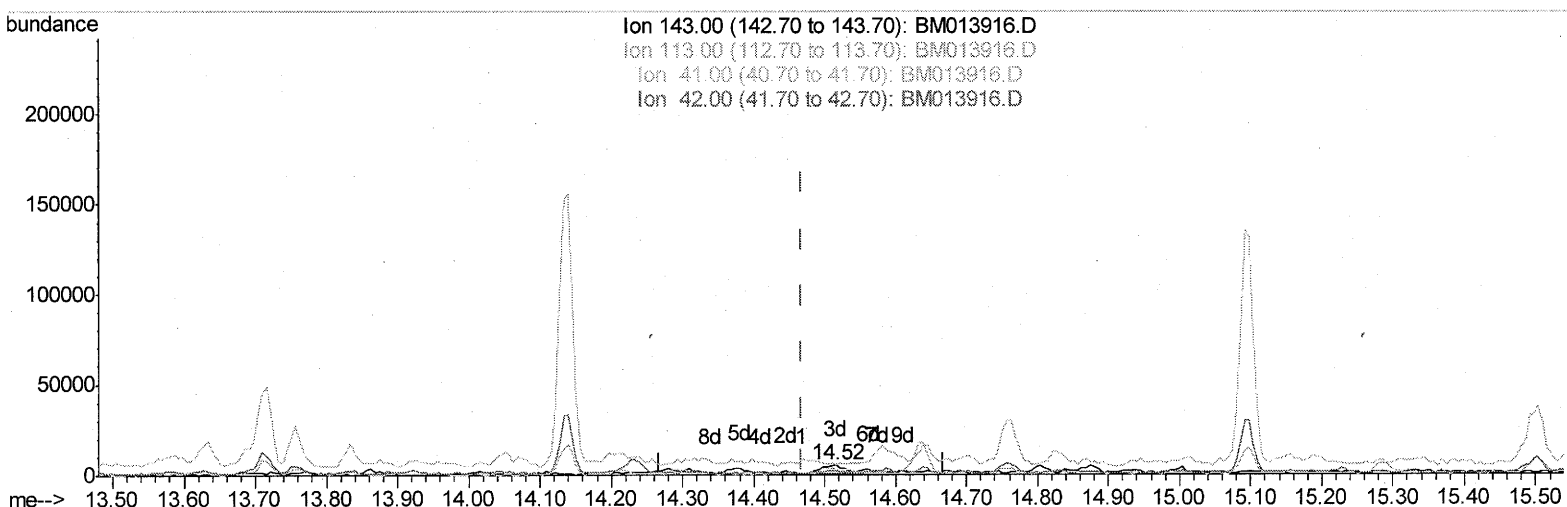
Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
 Data File : BM013916.D
 Acq On : 28 Jan 2018 11:29
 Operator : SJ/JU
 Sample : J1222-06ME 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A79ME

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:54:20 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.515min (+0.047) 2.53ng/ul m

response 10140

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	39.54#
41.00	34.80	110.48#
42.00	20.50	33.22#

SJ/30/18

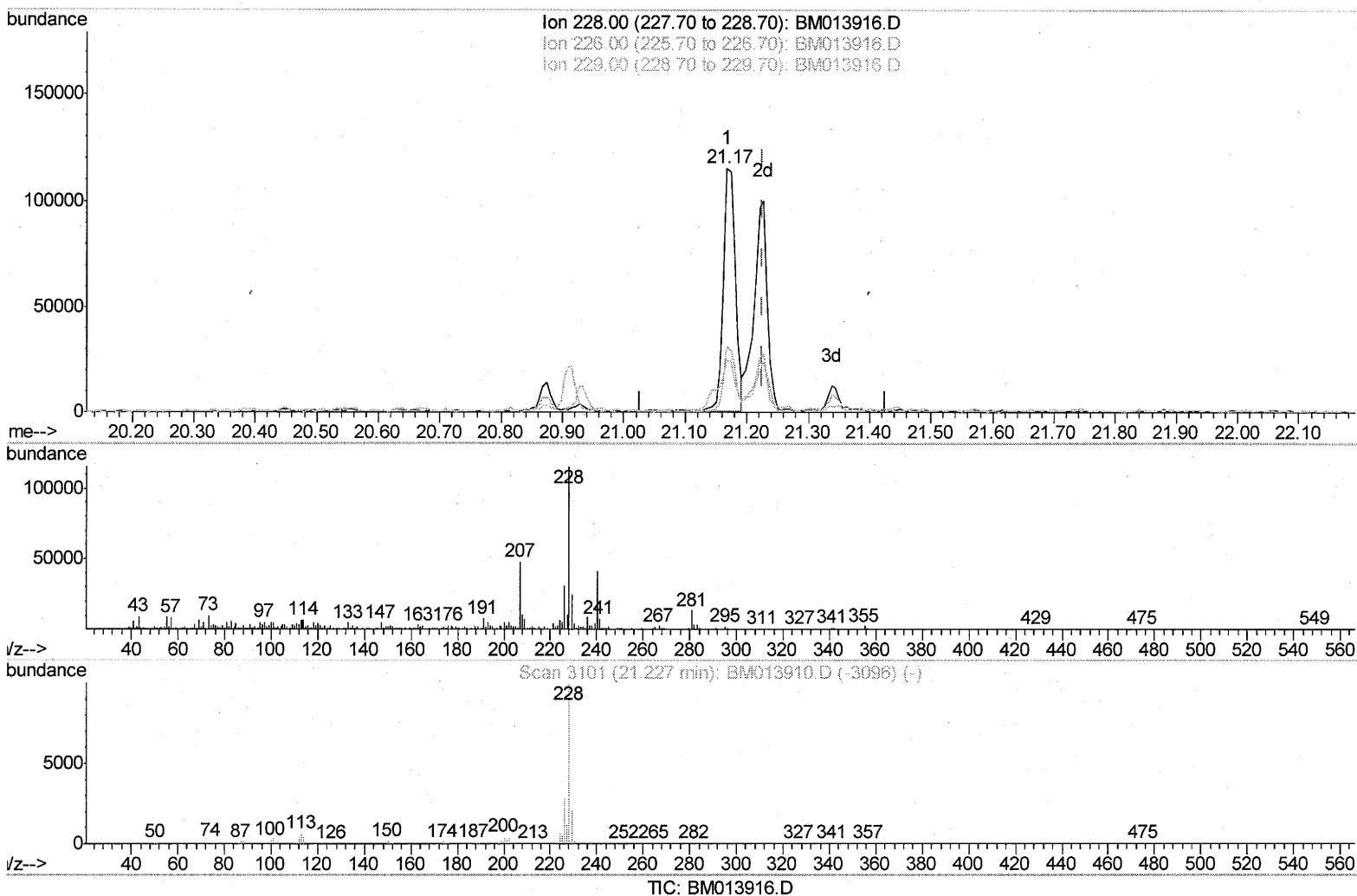
Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
 Data File : BM013916.D
 Acq On : 28 Jan 2018 11:29
 Operator : SJ/JU
 Sample : J1222-06ME 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A79ME

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:55:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
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(82) Chrysene

21.168min (-0.059) 4.42ng/ul

response 155486

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	26.79
229.00	19.40	21.49
0.00	0.00	0.00

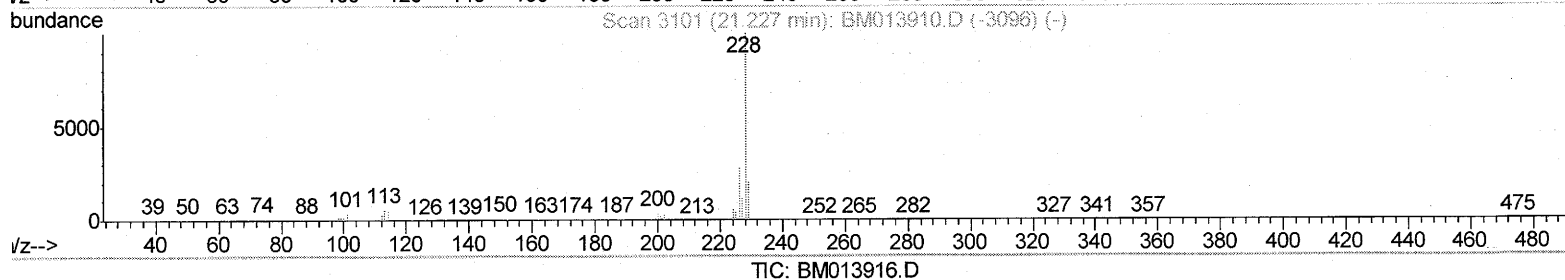
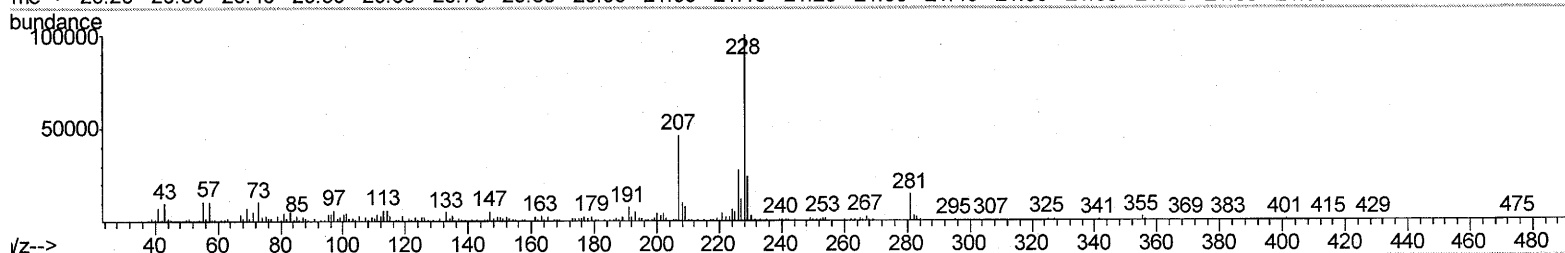
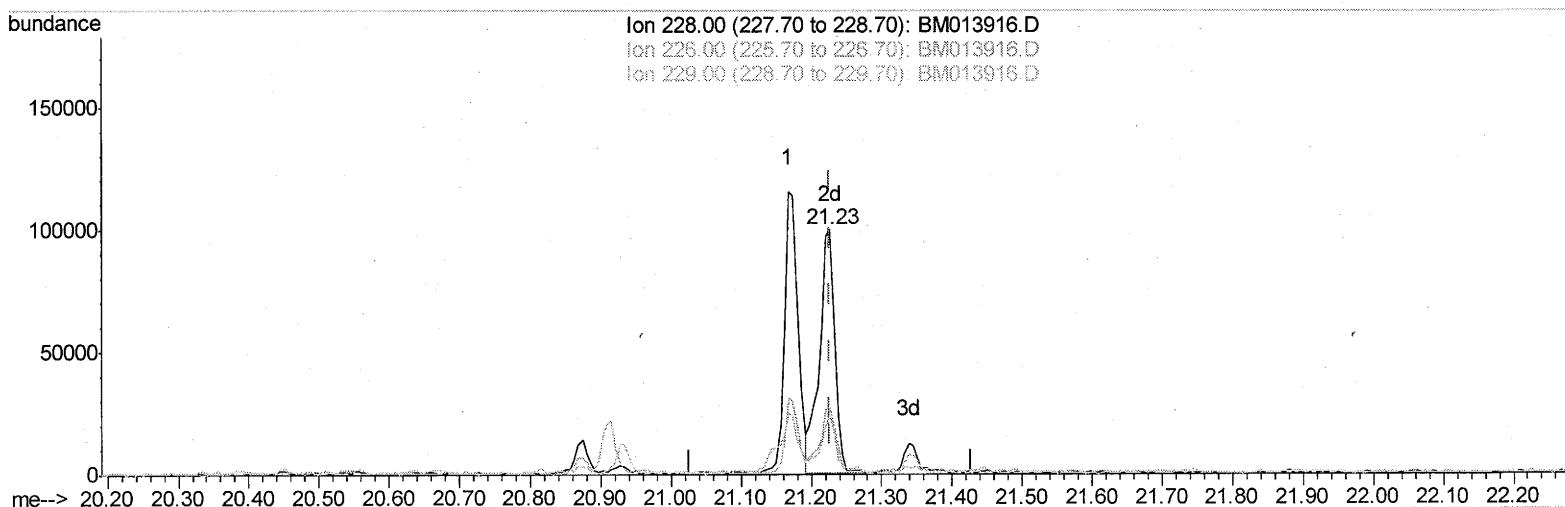
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 Operator : SJ/JU
 Sample : J1222-06ME 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A79ME

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:55:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration



(82) Chrysene

21.227min (0.000) 4.32ng/ul m

response 151954

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	27.72
229.00	19.40	24.30#
0.00	0.00	0.00

SJ 1/30/18

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampled :
F6A79ME

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	139777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	523673	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	298987	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	619435	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	634576	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	660897	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.14	96	1744m	0.49	ng/uL	0.00
5) Phenol-d5	6.77	99	48397	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	33448	5.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	44407	5.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	39268	4.76	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	23273	5.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	20251	4.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	39656m	4.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	47015	6.53	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	122619	4.98	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	154624	4.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	10140m	2.53	ng/ul	0.05
57) Fluorene-d10	15.23	176	106464	4.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	11150	2.99	ng/ul	0.01
70) Anthracene-d10	17.09	188	160791	5.33	ng/ul	0.00
76) Pyrene-d10	19.39	212	174217	5.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	170684	5.62	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.40	128	573262	22.004	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	317584	16.350	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	109996	4.420	ng/ul	97
49) Acenaphthene	14.29	153	355236	17.840	ng/ul	96
53) Dibenzofuran	14.63	168	396086	13.222	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	116862	18.620	ng/ul#	86
58) Fluorene	15.29	166	346591	14.125	ng/ul	98
68) Pentachlorophenol	16.65	266	2061880	492.705	ng/ul	98
69) Phenanthrene	17.03	178	1868847	54.277	ng/ul	99
71) Anthracene	17.12	178	305543	8.603	ng/ul	100
72) Carbazole	17.40	167	145679	4.969	ng/ul	98
74) Fluoranthene	19.06	202	1217281	29.617	ng/ul#	96
77) Pyrene	19.42	202	867421	22.485	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	155486	4.055	ng/ul	98
82) Chrysene	21.23	228	151954m	4.320	ng/ul	94
85) Benzo(b)fluoranthene	22.72	252	108786	2.680	ng/ul#	94
88) Benzo(a)pyrene	23.28	252	49388	1.288	ng/ul#	92

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