

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013787.D
 Acq On : 25 Jan 2018 02:36
 Operator : SJ/JU
 Sample : J1223-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A68

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:35:43 PM

Quant Time: Jan 25 04:37:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	157908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	642373	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	366840	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	785515	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	823015	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	828988	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	11673m	2.92	ng/uL	0.00
5) Phenol-d5	6.77	99	261132	21.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	149412	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	217256	22.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	201604	21.63	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	109214	21.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	121918	23.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	222240	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	258629	29.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	700770	23.18	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	869225	22.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	90135	18.34	ng/ul	0.00
57) Fluorene-d10	15.24	176	598755	22.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	85132	18.01	ng/ul	0.00
70) Anthracene-d10	17.10	188	900585	23.54	ng/ul	0.00
76) Pyrene-d10	19.40	212	1045966	27.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	980105	25.72	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.80	94	41622	3.423	ng/ul#	83
34) 2-Methylnaphthalene	12.05	142	56513	2.372	ng/ul	99
44) Dimethylphthalate	13.71	163	146575	4.931	ng/ul	99
49) Acenaphthene	14.31	153	48412	1.982	ng/ul	96
68) Pentachlorophenol	16.66	266	130666	24.622	ng/ul	96
69) Phenanthrene	17.04	178	160016	3.665	ng/ul	97
74) Fluoranthene	19.07	202	225779	4.332	ng/ul#	95
77) Pyrene	19.43	202	201383	4.025	ng/ul#	94
82) Chrysene	21.24	228	61351m	1.345	ng/ul	
85) Benzo(b)fluoranthene	22.74	252	65753	1.292	ng/ul#	93

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

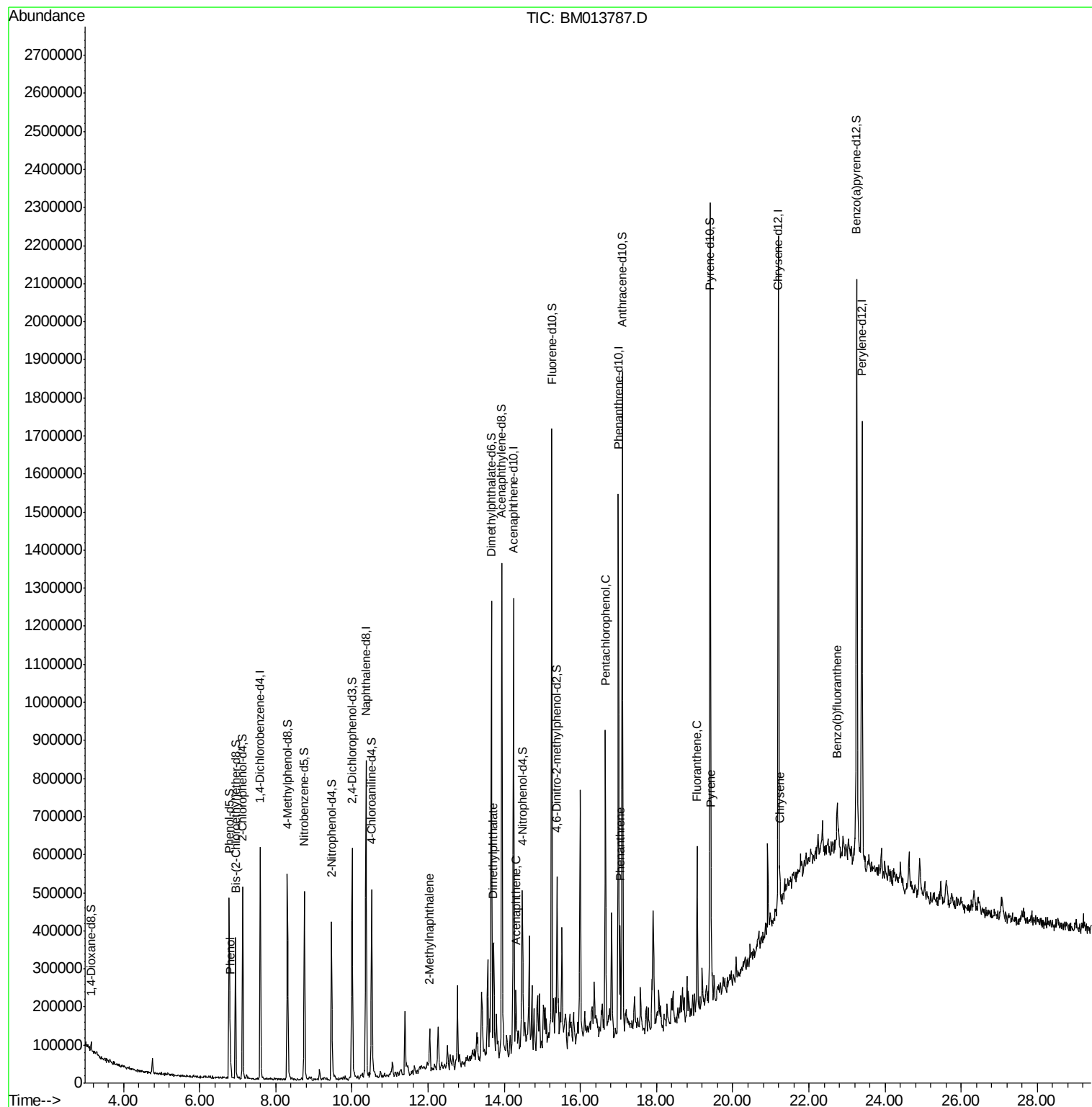
Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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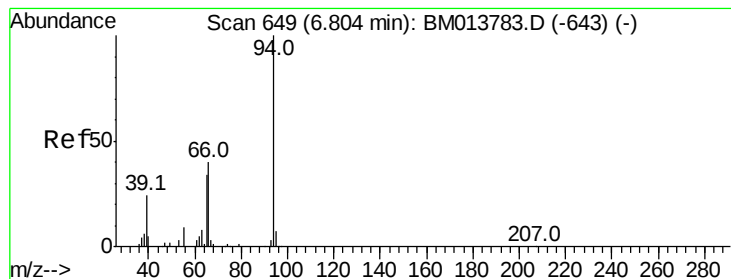
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.423 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

ClientSampleId :

F6A68

Tot Ion: 94 Resp: 41622

Ion Ratio Lower Upper

94 100

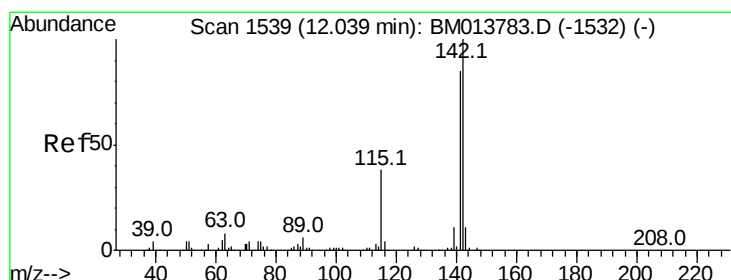
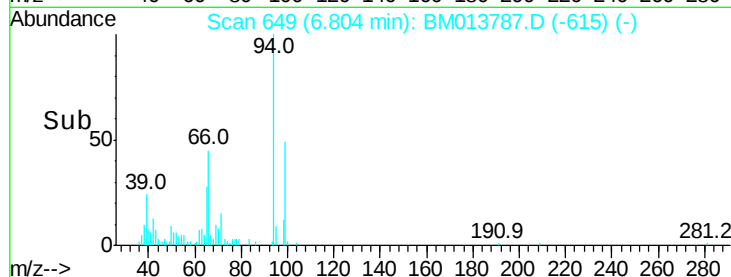
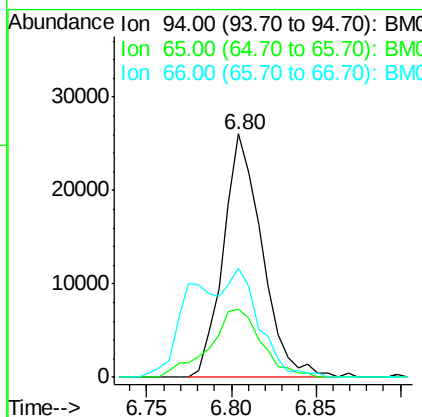
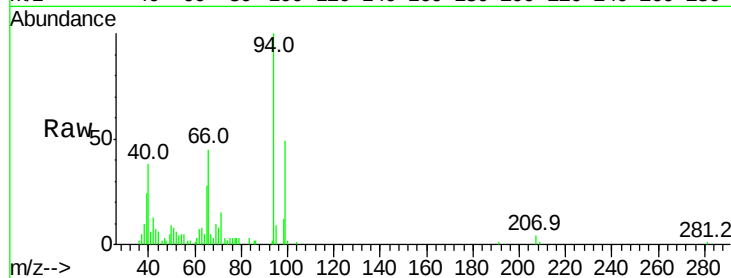
65 27.9 28.2 42.4#

66 44.6 47.2 70.8#

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#34

2-Methylnaphthalene

Concen: 2.372 ng/ul

RT: 12.05 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BM013787.D

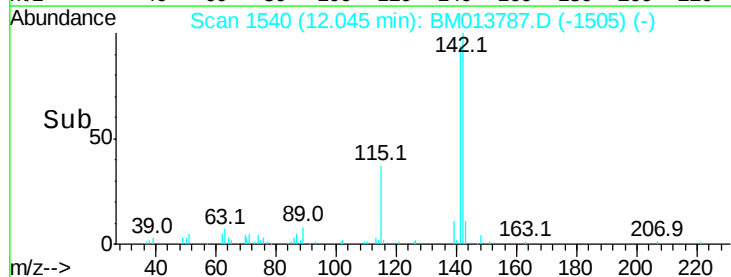
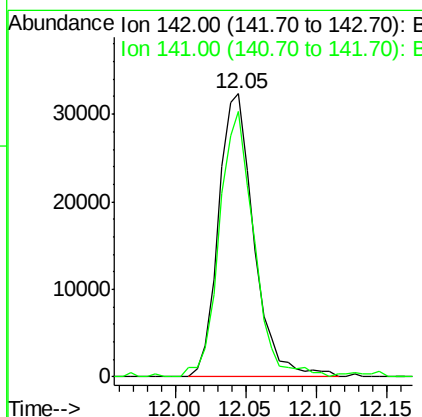
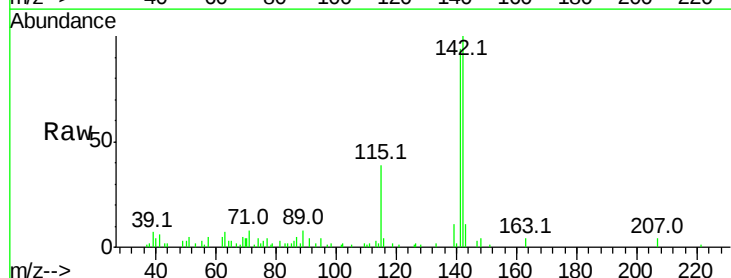
Acq: 25 Jan 2018 02:36

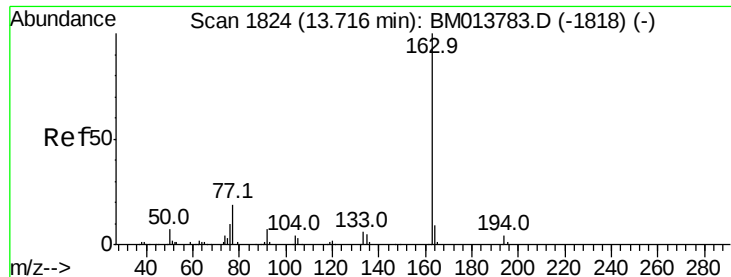
Tgt Ion: 142 Resp: 56513

Ion Ratio Lower Upper

142 100

141 93.7 74.1 111.1





#44

Dimethylphthalate

Concen: 4.931 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

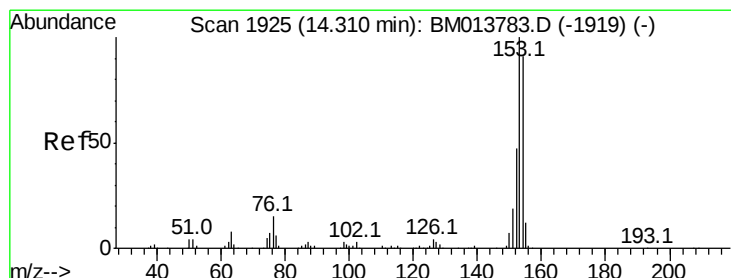
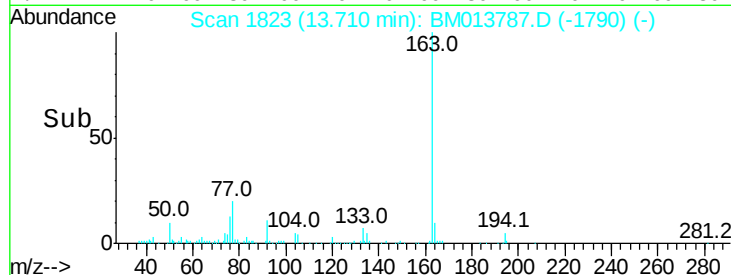
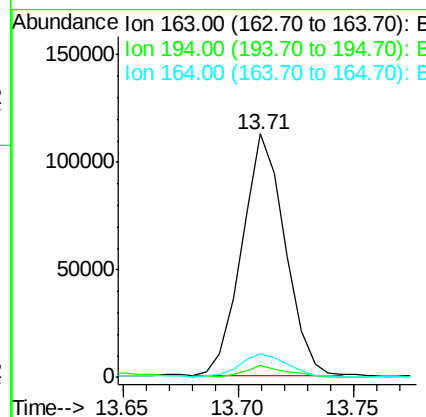
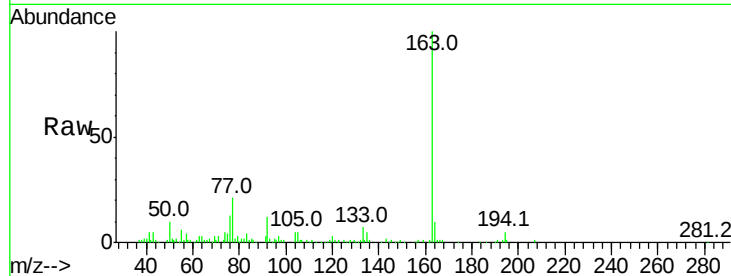
ClientSampled :

F6A68

Tot Ion:	163	Resp:	146575
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	9.8	8.2	12.4

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#49

Acenaphthene

Concen: 1.982 ng/ul

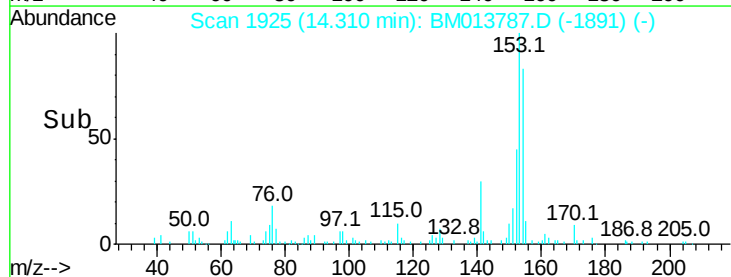
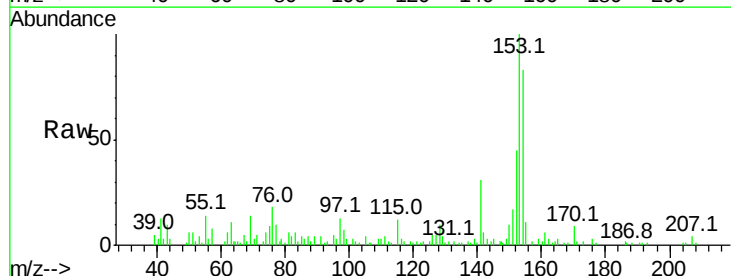
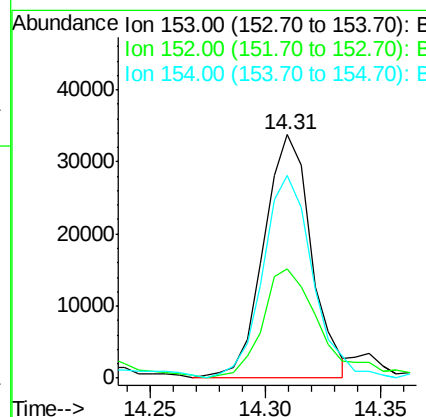
RT: 14.31 min Scan# 1925

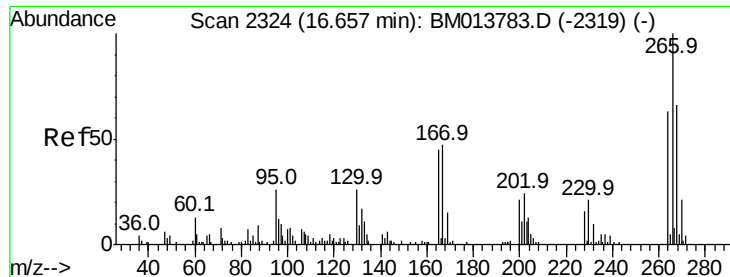
Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Tgt Ion:	153	Resp:	48412
Ion Ratio	Lower	Upper	
153	100		
152	44.8	37.6	56.4
154	83.5	70.4	105.6





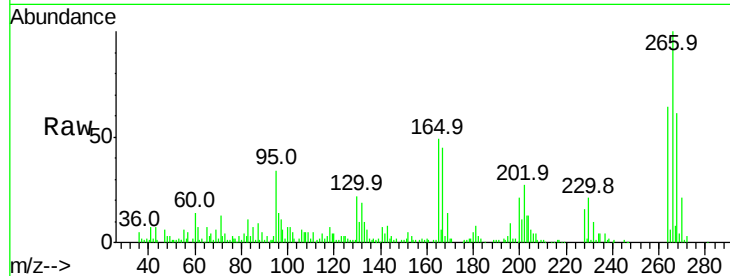
#68
 Pentachlorophenol
 Concen: 24.622 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BM013787.D
 Acq: 25 Jan 2018 02:36

Instrument :
 BNA_M
 ClientSampled :
 F6A68

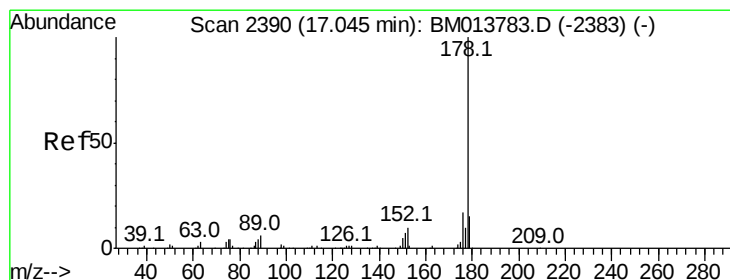
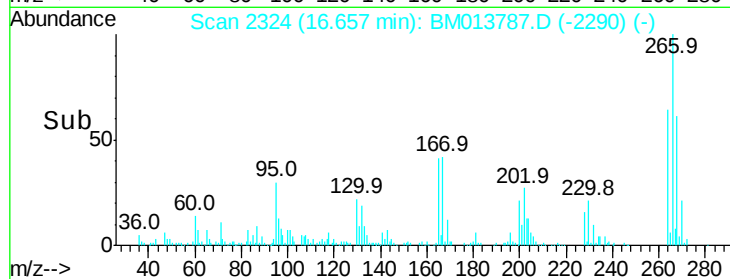
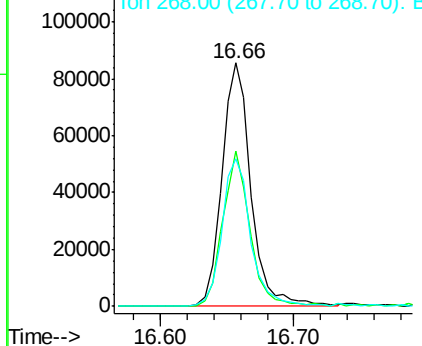
Tot Ion:	266	Resp:	130666
Ion Ratio		Lower	Upper
266	100		
264	63.6	49.3	73.9
268	60.8	52.6	78.8

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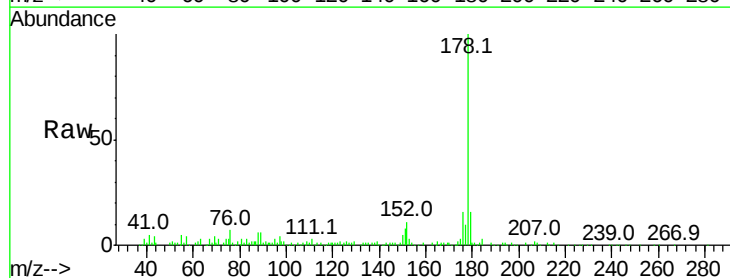


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

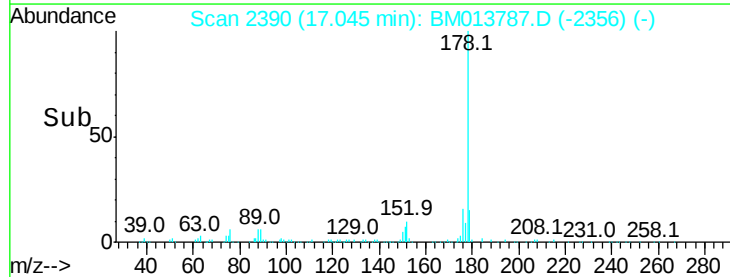
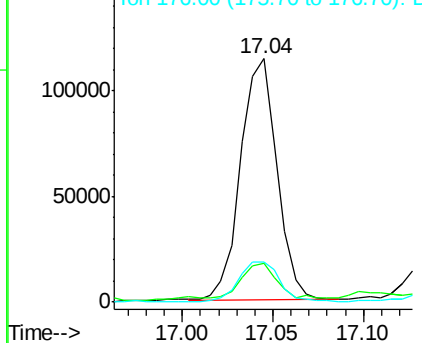


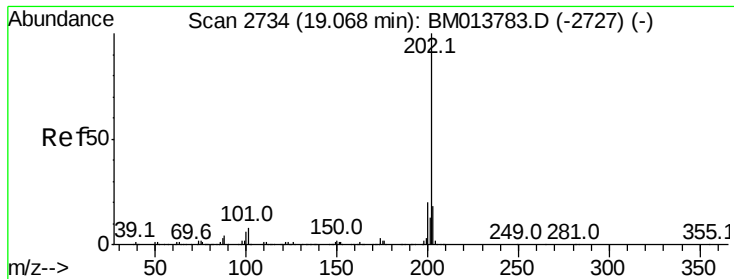
#69
 Phenanthrene
 Concen: 3.665 ng/ul
 RT: 17.04 min Scan# 2390
 Delta R.T. 0.00 min
 Lab File: BM013787.D
 Acq: 25 Jan 2018 02:36

Tgt Ion:	178	Resp:	160016
Ion Ratio		Lower	Upper
178	100		
179	16.1	12.6	19.0
176	16.3	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.332 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

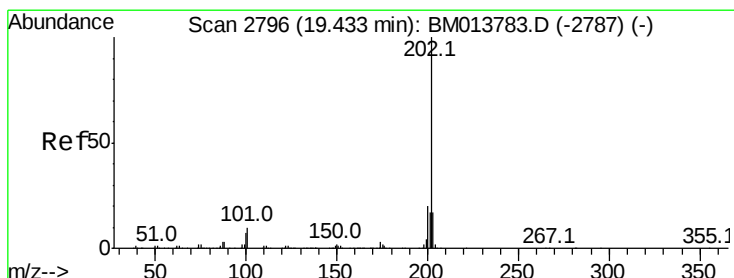
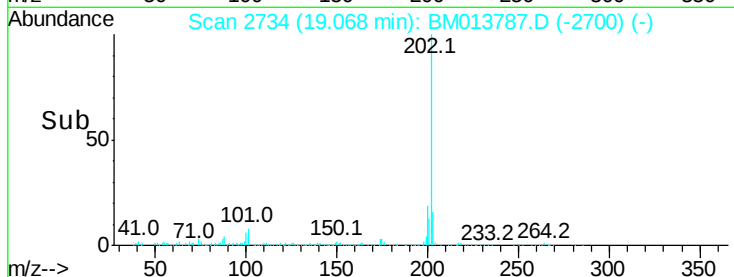
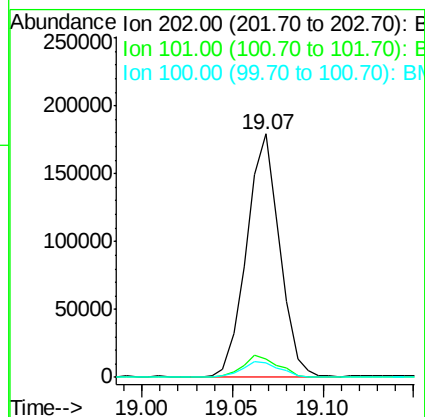
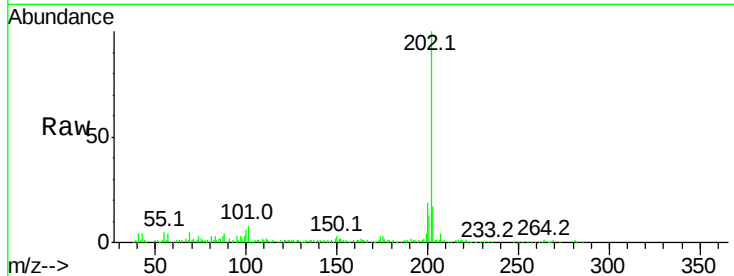
ClientSampleId :

F6A68

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	6.0	3.4	5.2#

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#77

Pyrene

Concen: 4.025 ng/ul

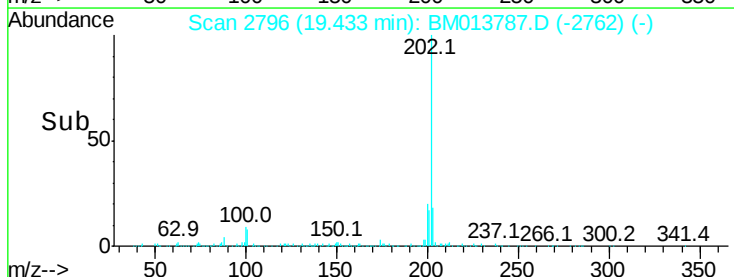
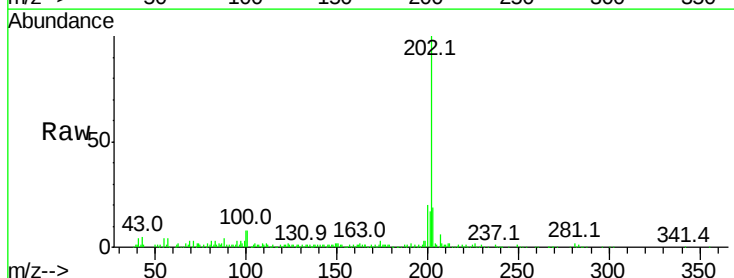
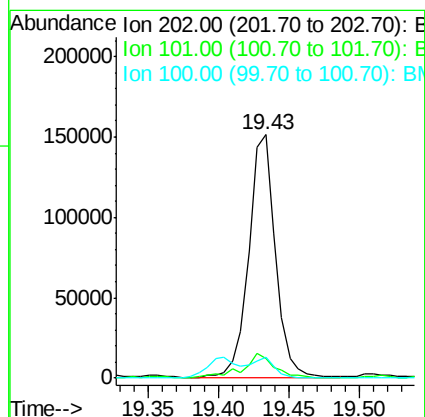
RT: 19.43 min Scan# 2796

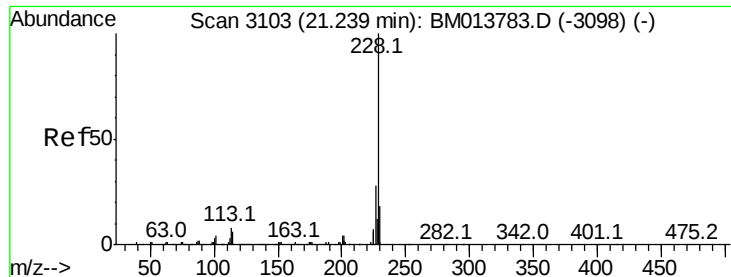
Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	8.4	4.9	7.3#





#82

Chrysene

Concen: 1.345 ng/u1 m

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

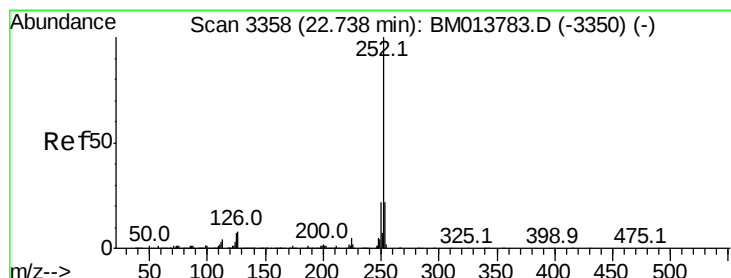
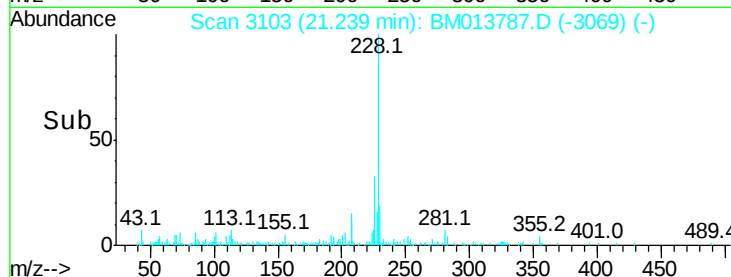
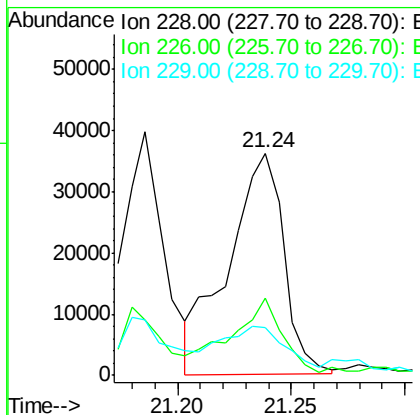
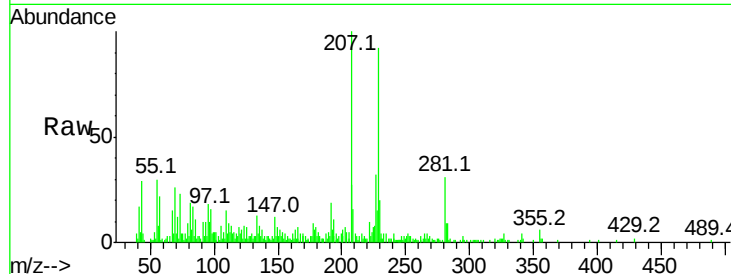
ClientSampleId :

F6A68

Tot Ion:	228	Resp:	61351
Ion Ratio	Lower	Upper	
228	100		
226	34.8	23.4	35.2
229	21.6	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 1.292 ng/u1

RT: 22.74 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Tgt Ion:	252	Resp:	65753
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	16.0	3.6	5.4#

