

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013788.D
 Acq On : 25 Jan 2018 03:12
 Operator : SJ/JU
 Sample : J1223-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A98

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:35:45 PM

Quant Time: Jan 25 05:59:40 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	150231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	617464	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	336816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	729245	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	763557	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	781734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	10134m	2.67	ng/uL	0.00
5) Phenol-d5	6.78	99	224335	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	134780	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	196636	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	127579	14.39	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	99971	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	107838	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	194221	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	194222	22.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	618732	22.29	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	795369	22.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	91270	20.23	ng/ul	0.00
57) Fluorene-d10	15.25	176	530816	21.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	83167	18.95	ng/ul	0.00
70) Anthracene-d10	17.10	188	785194	22.11	ng/ul	0.00
76) Pyrene-d10	19.40	212	904333	25.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	859757	23.93	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.80	94	40036	3.461	ng/ul# 81
44) Dimethylphthalate	13.71	163	252635	9.256	ng/ul 98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	17944	2.538	ng/ul# 52
68) Pentachlorophenol	16.66	266	354071	71.868	ng/ul 98
71) Anthracene	17.13	178	57933	1.386	ng/ul# 75
74) Fluoranthene	19.07	202	986641	20.391	ng/ul# 95
77) Pyrene	19.43	202	1596294	34.389	ng/ul# 94
80) Benzo(a)anthracene	21.19	228	160088	3.470	ng/ul# 92
82) Chrysene	21.22	228	316226m	7.471	ng/ul
85) Benzo(b)fluoranthene	22.74	252	725350	15.109	ng/ul# 94
86) Benzo(k)fluoranthene	22.79	252	152423m	3.285	ng/ul
88) Benzo(a)pyrene	23.30	252	397635	8.768	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.59	276	143942	2.689	ng/ul 97
91) Benzo(g,h,i)perylene	26.27	276	114569	2.600	ng/ul# 87

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

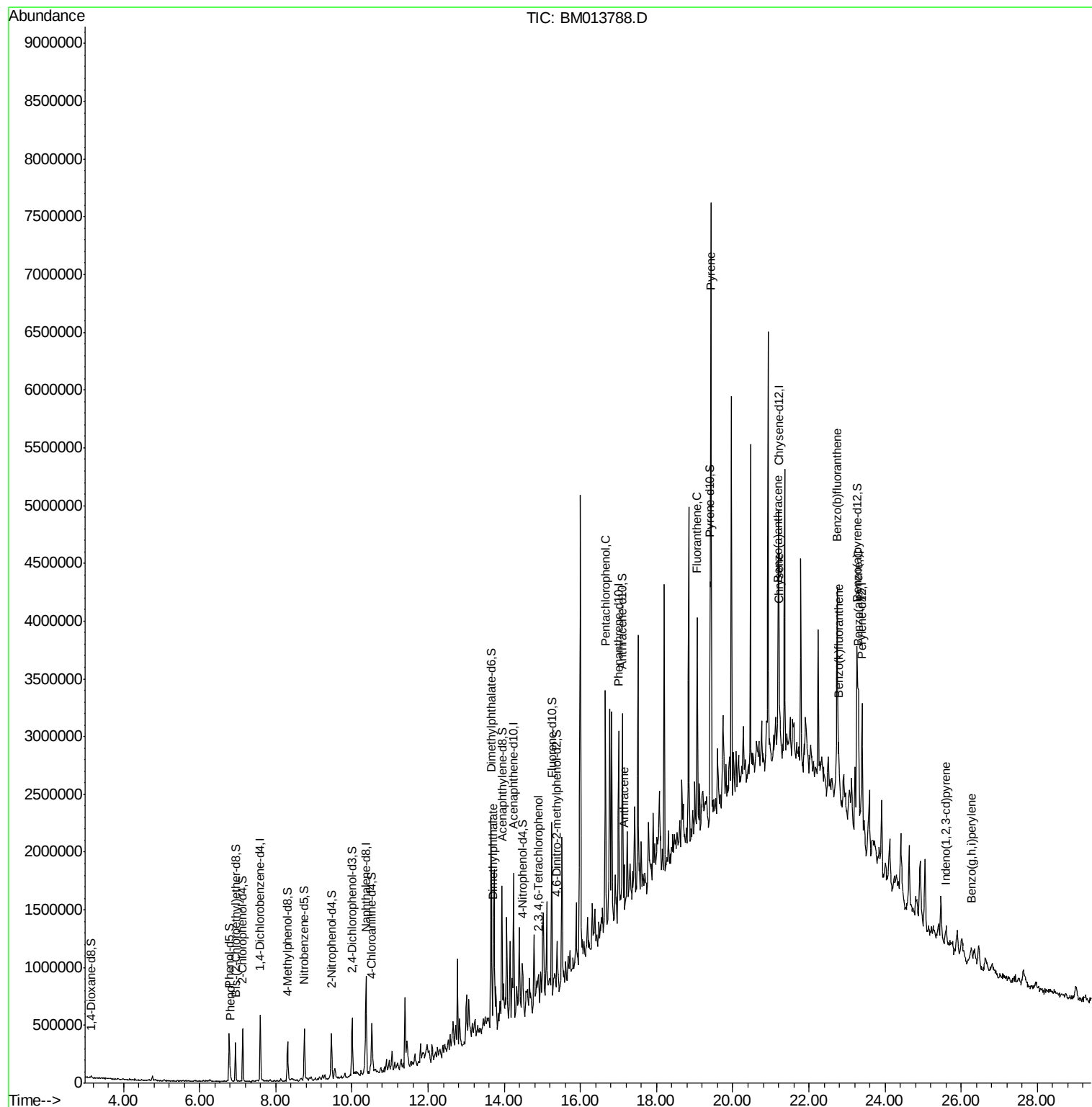
Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
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Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

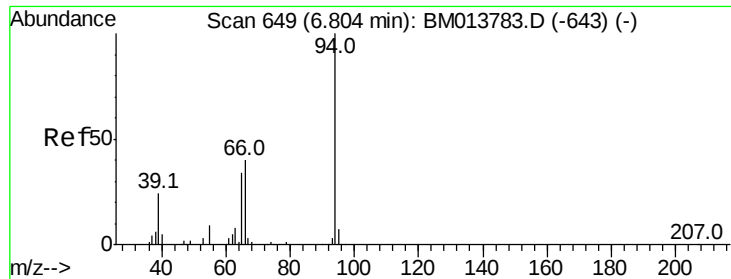
Instrument :
BNA_M
ClientSampleId :
F6A98

Manual Integrations
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1/25/2018 5:35:45 PM

Quant Time: Jan 25 05:59:40 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





#6

Phenol

Concen: 3.461 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Instrument :

BNA_M

ClientSampled :

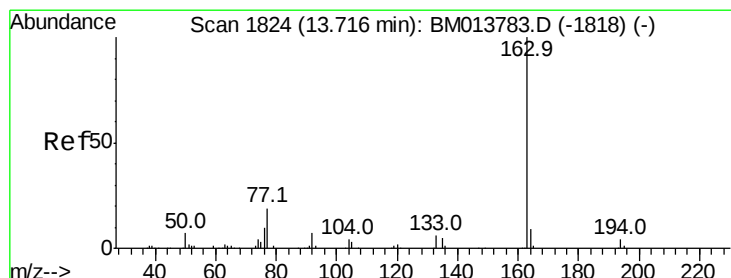
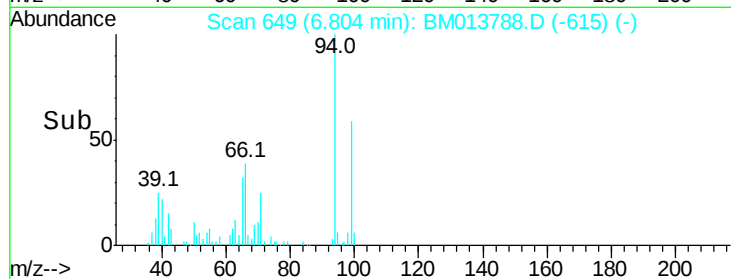
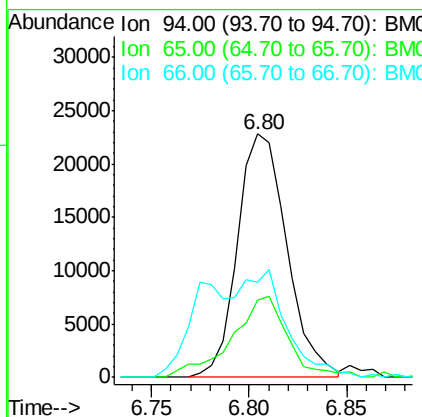
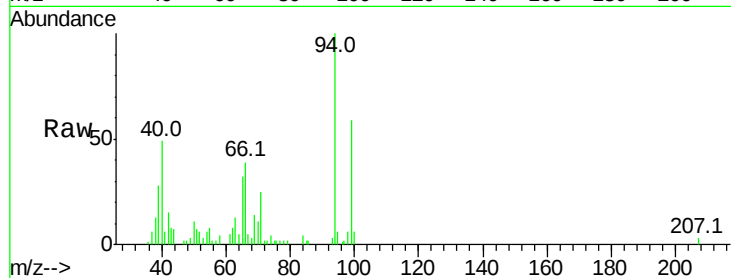
F6A98

Tot Ion: 94 Resp: 40036

Ion	Ratio	Lower	Upper
94	100		
65	31.7	28.2	42.4
66	39.0	47.2	70.8#

Manual Integrations
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#44

Dimethylphthalate

Concen: 9.256 ng/ul

RT: 13.71 min Scan# 1823

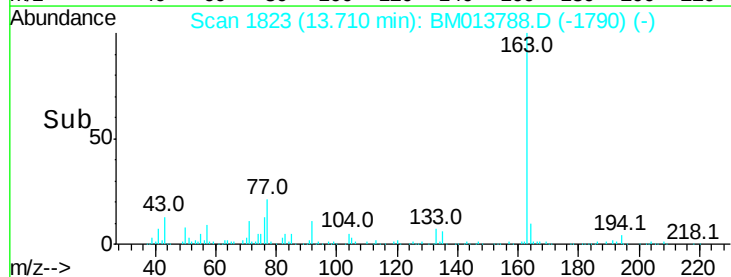
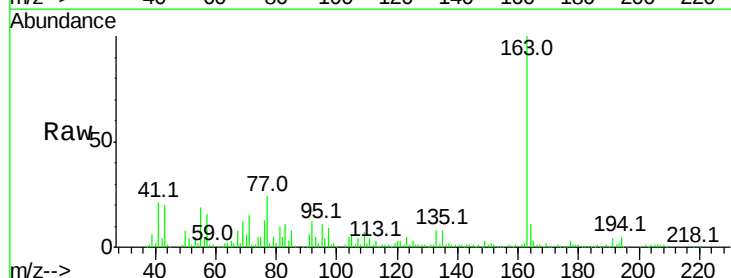
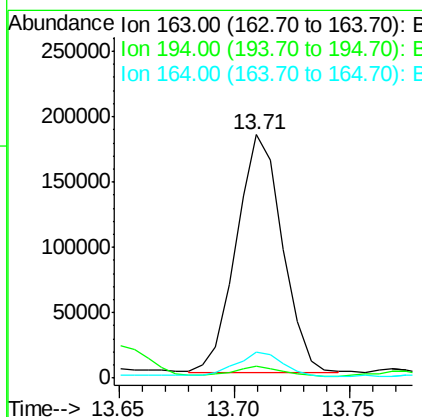
Delta R.T. -0.01 min

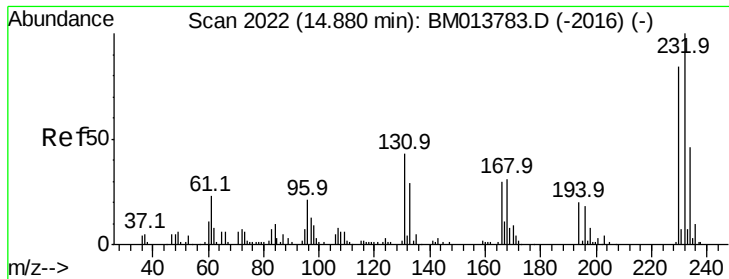
Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Tgt Ion: 163 Resp: 252635

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.9	8.2	12.4





#55

2,3,4,6-Tetrachlorophenol

Concen: 2.538 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Instrument :

BNA_M

ClientSampled :

F6A98

Tot Ion:232 Resp: 17944

Ion Ratio Lower Upper

232 100

131 77.7 29.0 43.4#

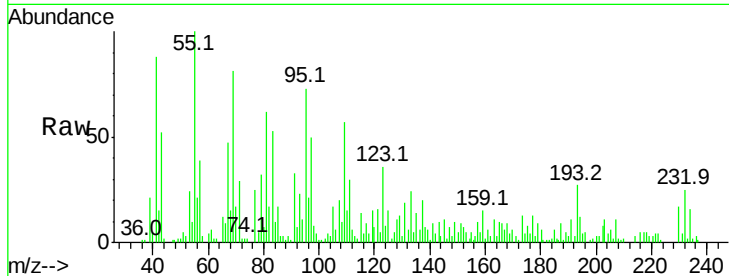
130 13.7 2.0 3.0#

166 36.4 21.4 32.2#

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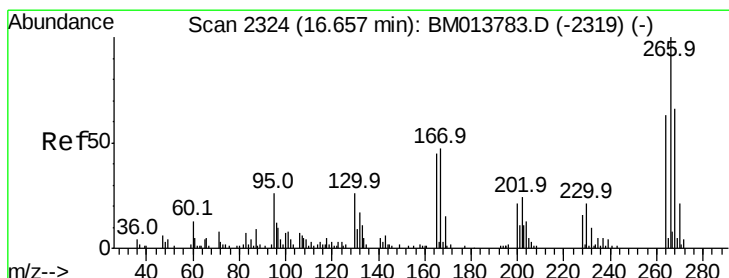
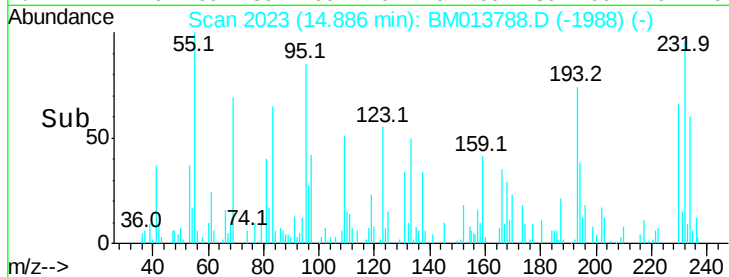
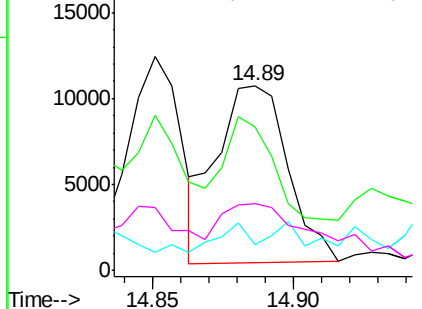


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#68

Pentachlorophenol

Concen: 71.868 ng/ul

RT: 16.66 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Tgt Ion:266 Resp: 354071

Ion Ratio Lower Upper

266 100

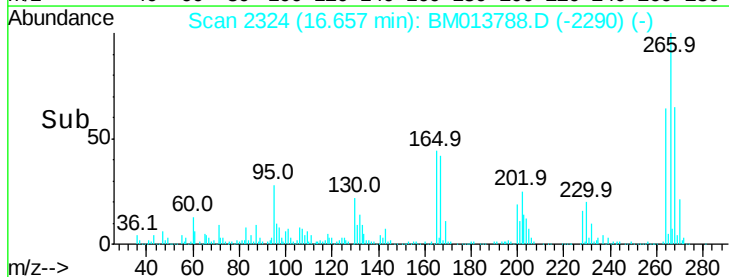
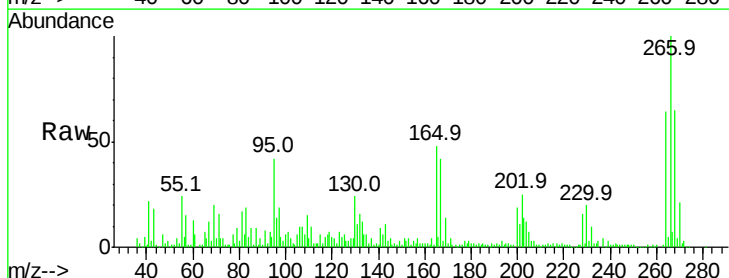
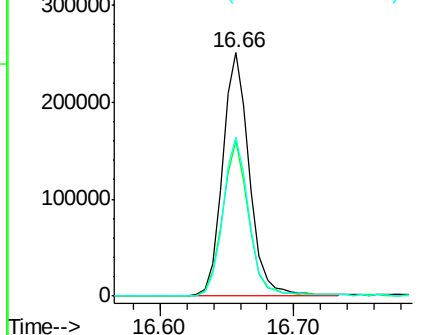
264 64.0 49.3 73.9

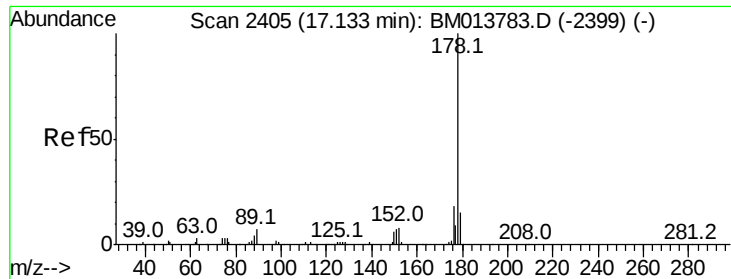
268 65.5 52.6 78.8

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





#71

Anthracene

Concen: 1.386 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Instrument :

BNA_M

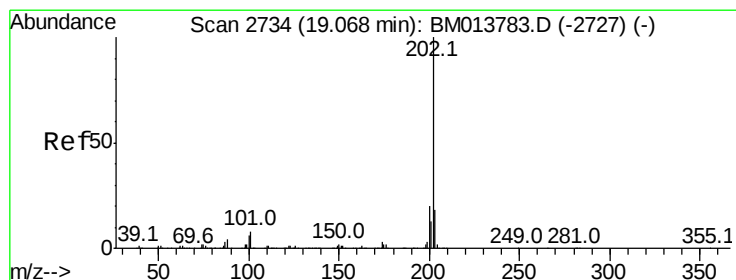
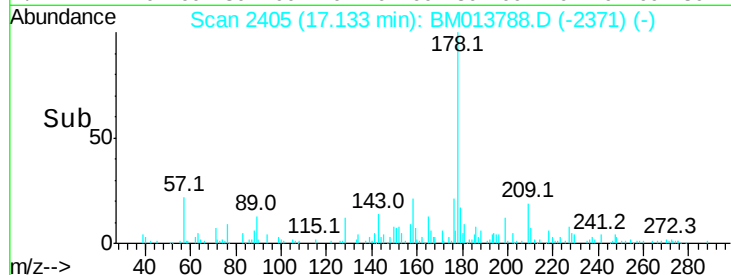
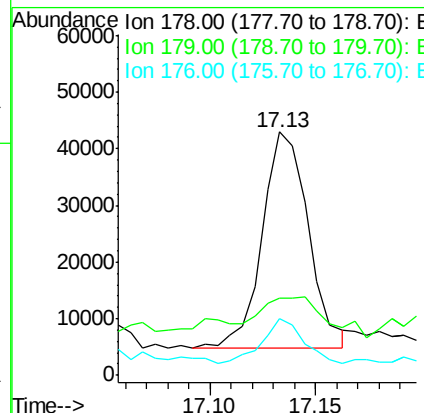
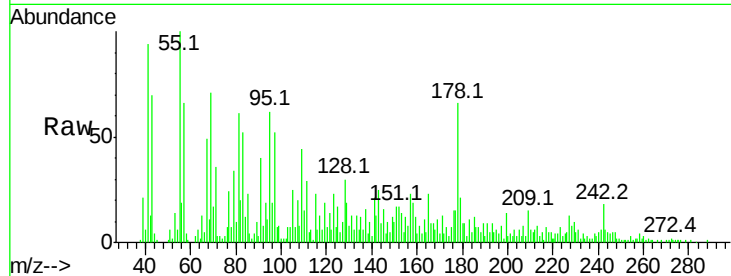
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
178	100		
179	31.7	11.7	17.5#
176	23.5	14.6	21.8#

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1/25/2018 5:35:45 PM



#74

Fluoranthene

Concen: 20.391 ng/ul

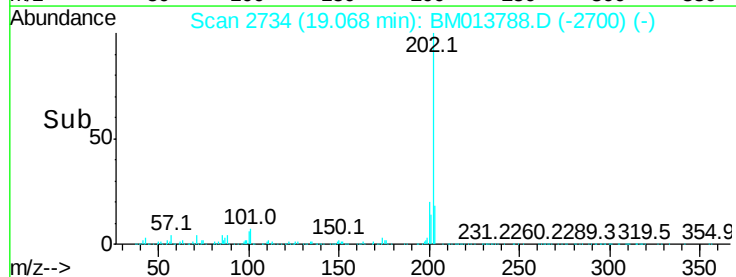
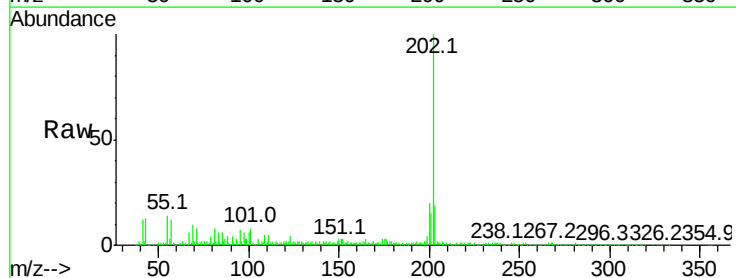
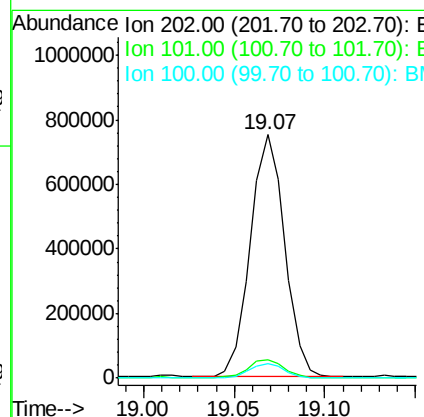
RT: 19.07 min Scan# 2734

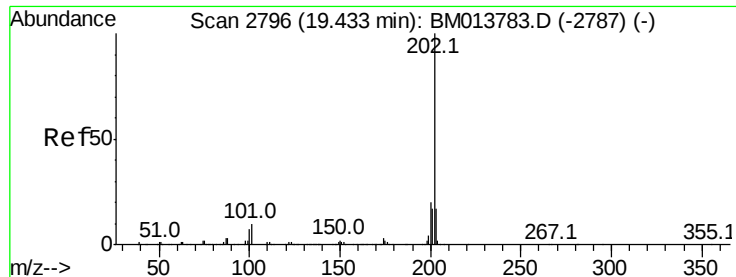
Delta R.T. 0.00 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	5.9	3.4	5.2#





#77

Pvrene

Concen: 34.389 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Instrument :

BNA_M

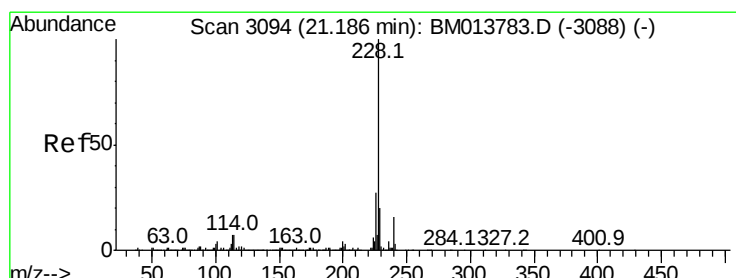
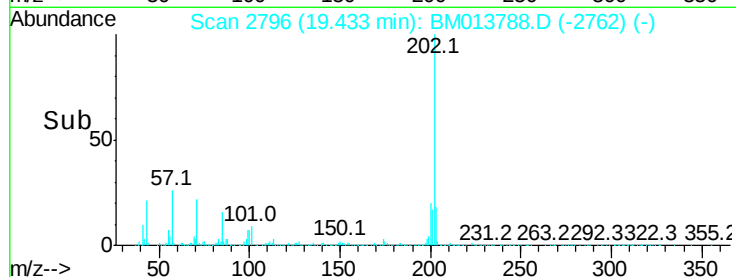
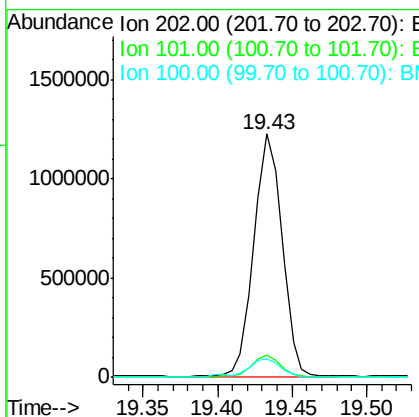
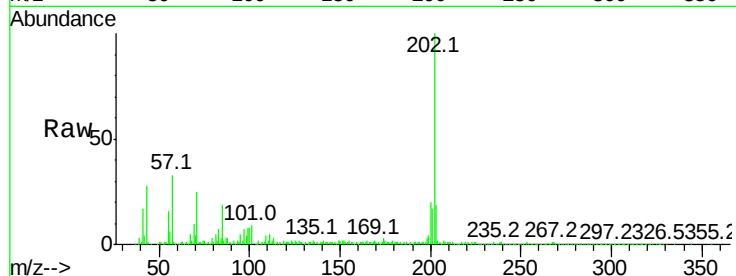
ClientSampleId :

F6A98

Tot Ion:	202	Resp:	1596294
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.5	4.9	7.3#

Manual Integrations
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Sohil
1/25/2018 5:35:45 PM



#80

Benzo(a)anthracene

Concen: 3.470 ng/ul

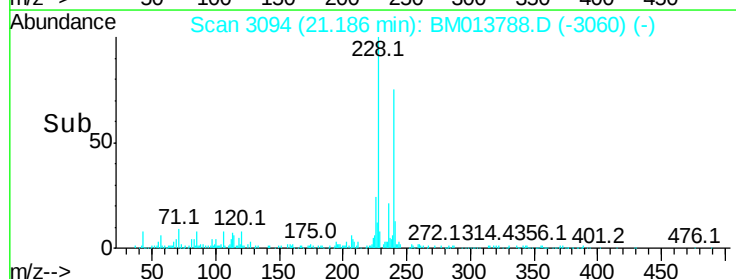
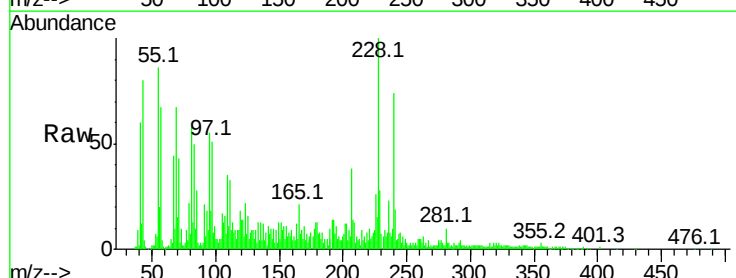
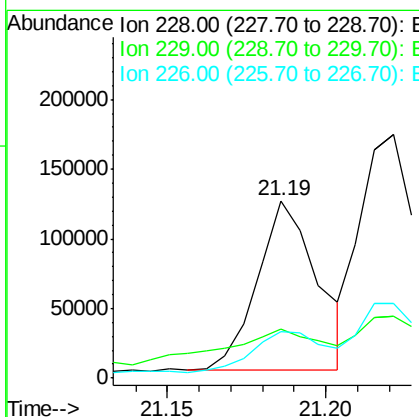
RT: 21.19 min Scan# 3094

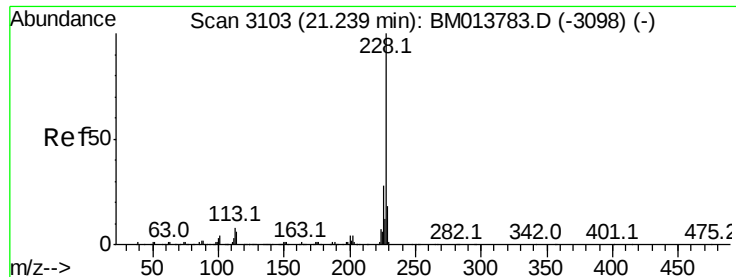
Delta R.T. 0.00 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Tgt Ion:	228	Resp:	160088
Ion Ratio	Lower	Upper	
228	100		
229	27.6	15.4	23.0#
226	26.4	21.4	32.0





#82

Chrysene

Concen: 7.471 ng/ul m

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Instrument :

BNA_M

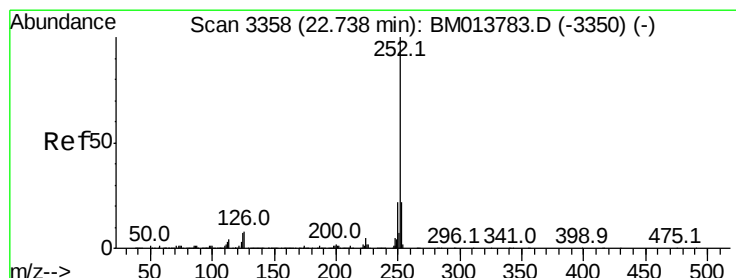
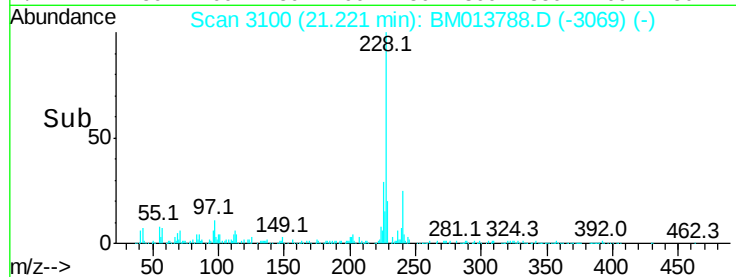
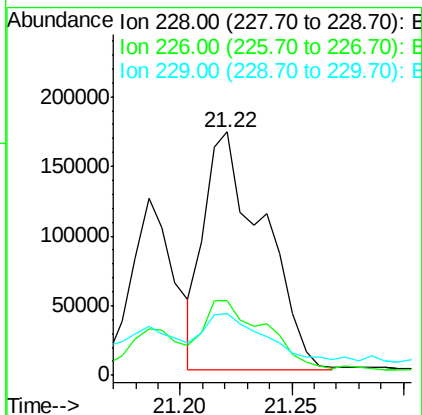
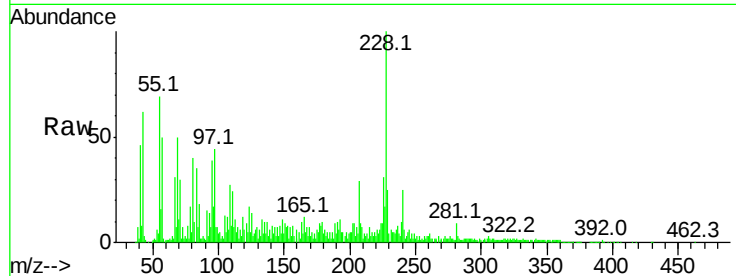
ClientSampleId :

F6A98

Tot Ion:	228	Resp:	316226
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.2
229	25.5	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 15.109 ng/ul

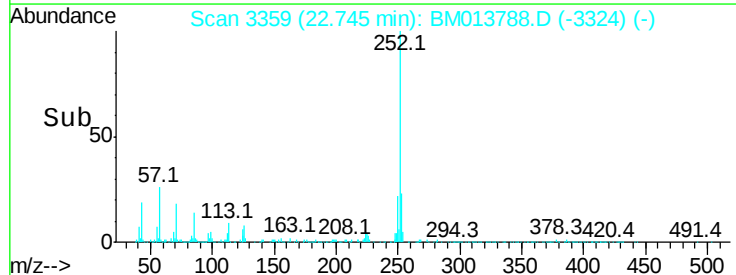
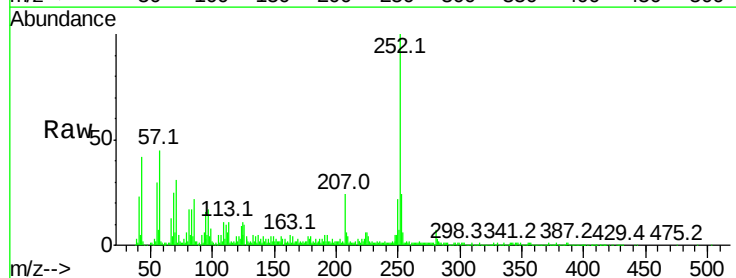
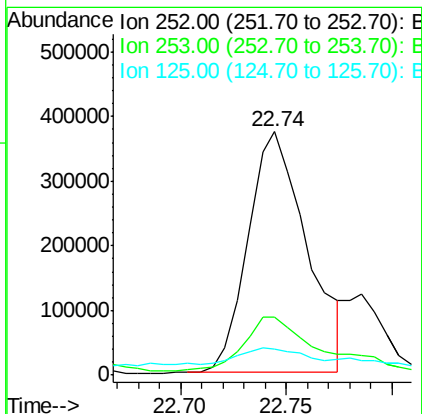
RT: 22.74 min Scan# 3359

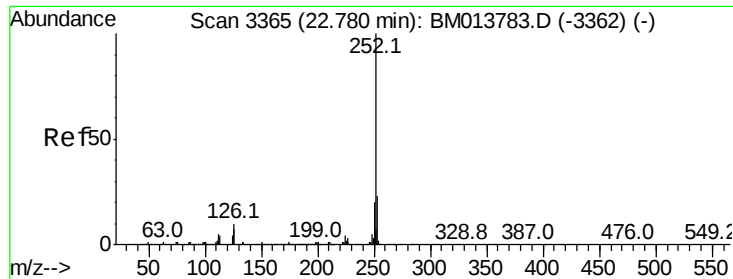
Delta R.T. 0.01 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Tgt Ion:	252	Resp:	725350
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	10.7	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 3.285 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Instrument :

BNA_M

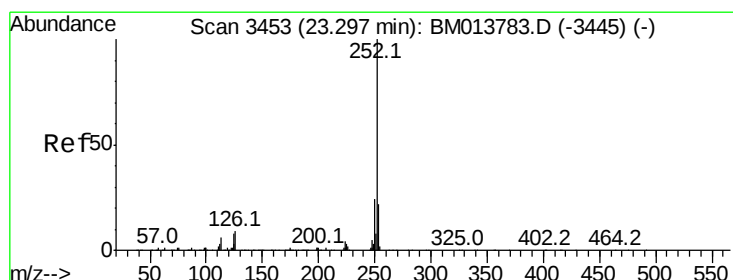
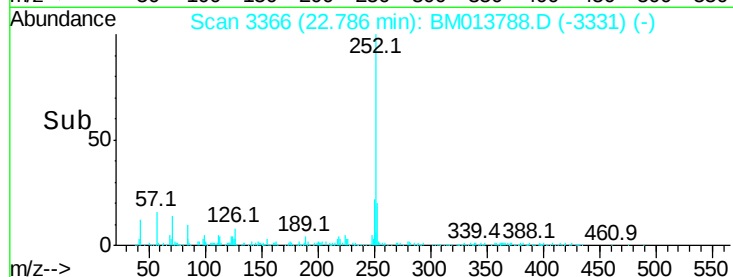
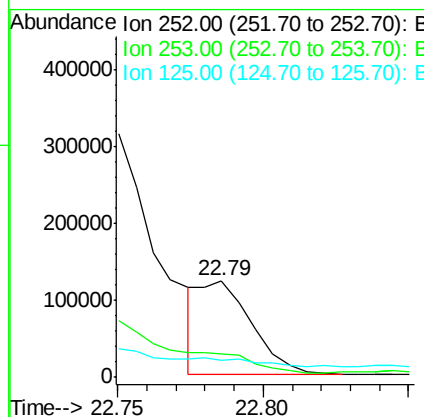
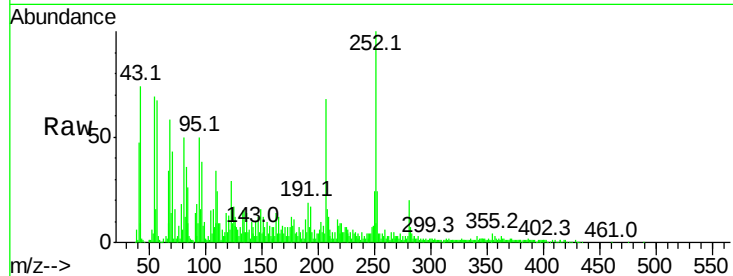
ClientSampled :

F6A98

Tot Ion:	252	Resp:	152423
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.1	25.7
125	17.2	3.4	5.2#

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1/25/2018 5:35:45 PM



#88

Benzo(a)pyrene

Concen: 8.768 ng/ul

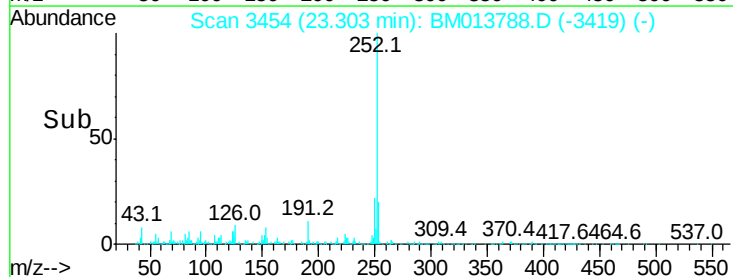
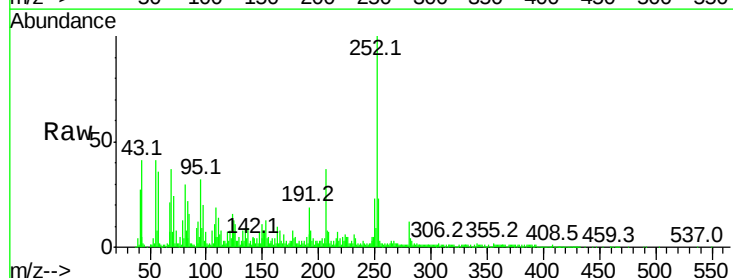
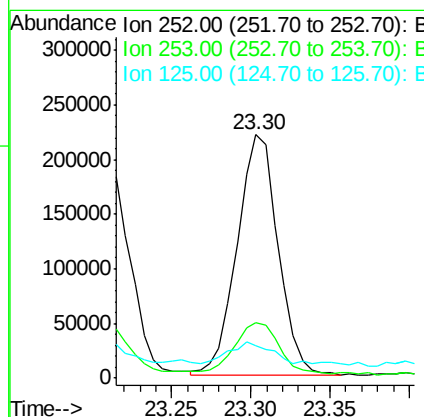
RT: 23.30 min Scan# 3454

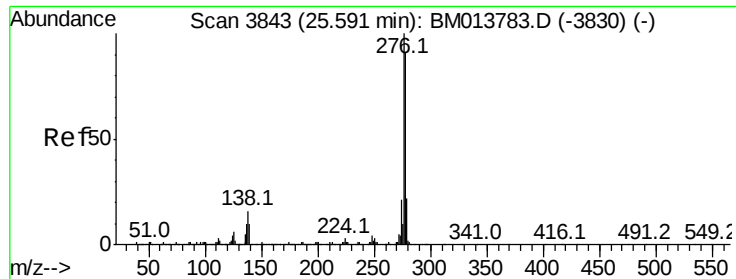
Delta R.T. 0.01 min

Lab File: BM013788.D

Acq: 25 Jan 2018 03:12

Tgt Ion:	252	Resp:	397635
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	13.4	4.0	6.0#





#89

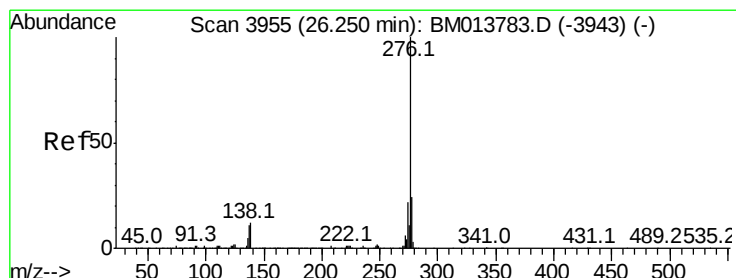
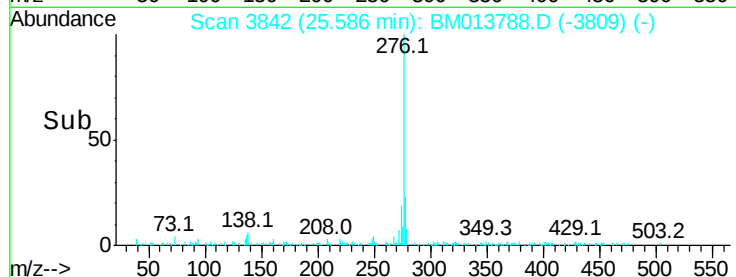
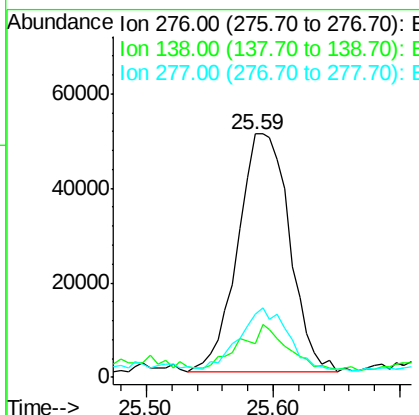
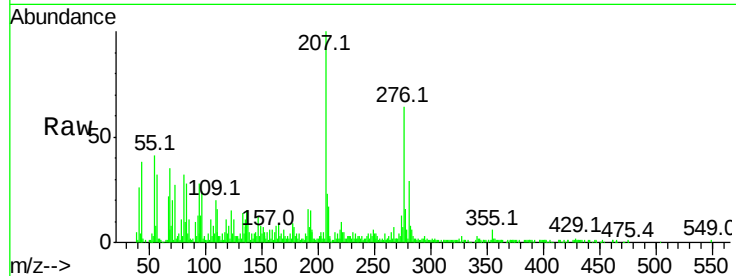
Indeno(1,2,3-cd)pyrene
Concen: 2.689 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BM013788.D
Acq: 25 Jan 2018 03:12

Instrument :
BNA_M
ClientSampleId :
F6A98

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	9.3	13.9
277	25.9	19.9	29.9

Manual Integrations
APPROVED

Sohil
1/25/2018 5:35:45 PM



#91

Benzo(g,h,i)perylene
Concen: 2.600 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. 0.02 min
Lab File: BM013788.D
Acq: 25 Jan 2018 03:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.5	12.7#
277	28.6	18.6	28.0#

