

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012731.D
 Acq On : 05 Nov 2017 05:28
 Operator : SJ/JU
 Sample : I5933-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-9(5-6) 101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:11 PM

Quant Time: Nov 06 04:41:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	104204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	386532	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	216686	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	474154m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	563050	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	640859	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12468	6.46	ng/uL	0.00
5) Phenol-d5	6.99	99	269634	34.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	158808	37.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	232856	36.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	203463	30.40	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	110589	38.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	131402	40.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	236713	35.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	148353	22.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	704016	39.26	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	856978	38.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	85356	29.71	ng/ul	0.01
57) Fluorene-d10	15.45	176	597087	38.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	74523	23.81	ng/ul	0.00
70) Anthracene-d10	17.29	188	927730	40.50	ng/ul	0.00
78) Pyrene-d10	19.59	212	1020693	39.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1263385	41.69	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.02	94	27236	3.422	ng/ul	91
44) Dimethylphthalate	13.91	163	176416	9.915	ng/ul	99
49) Acenaphthene	14.52	153	30497	2.082	ng/ul	98
58) Fluorene	15.50	166	33345	1.879	ng/ul	93
69) Phenanthrene	17.24	178	447039m	17.249	ng/ul	
71) Anthracene	17.33	178	137335	5.111	ng/ul	97
76) Fluoranthene	19.26	202	1082923	34.772	ng/ul#	92
79) Pyrene	19.62	202	1509164	44.925	ng/ul#	90
82) Benzo(a)anthracene	21.36	228	805903	23.653	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.29	149	48129	2.697	ng/ul#	91
84) Chrysene	21.41	228	801687	25.963	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	947089	24.183	ng/ul#	95
88) Benzo(k)fluoranthene	23.02	252	309820m	8.323	ng/ul	
90) Benzo(a)pyrene	23.56	252	821657m	22.048	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.97	276	510057	11.356	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.97	278	154514	4.064	ng/ul	93
93) Benzo(g,h,i)perylene	26.69	276	492828	13.316	ng/ul#	89

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

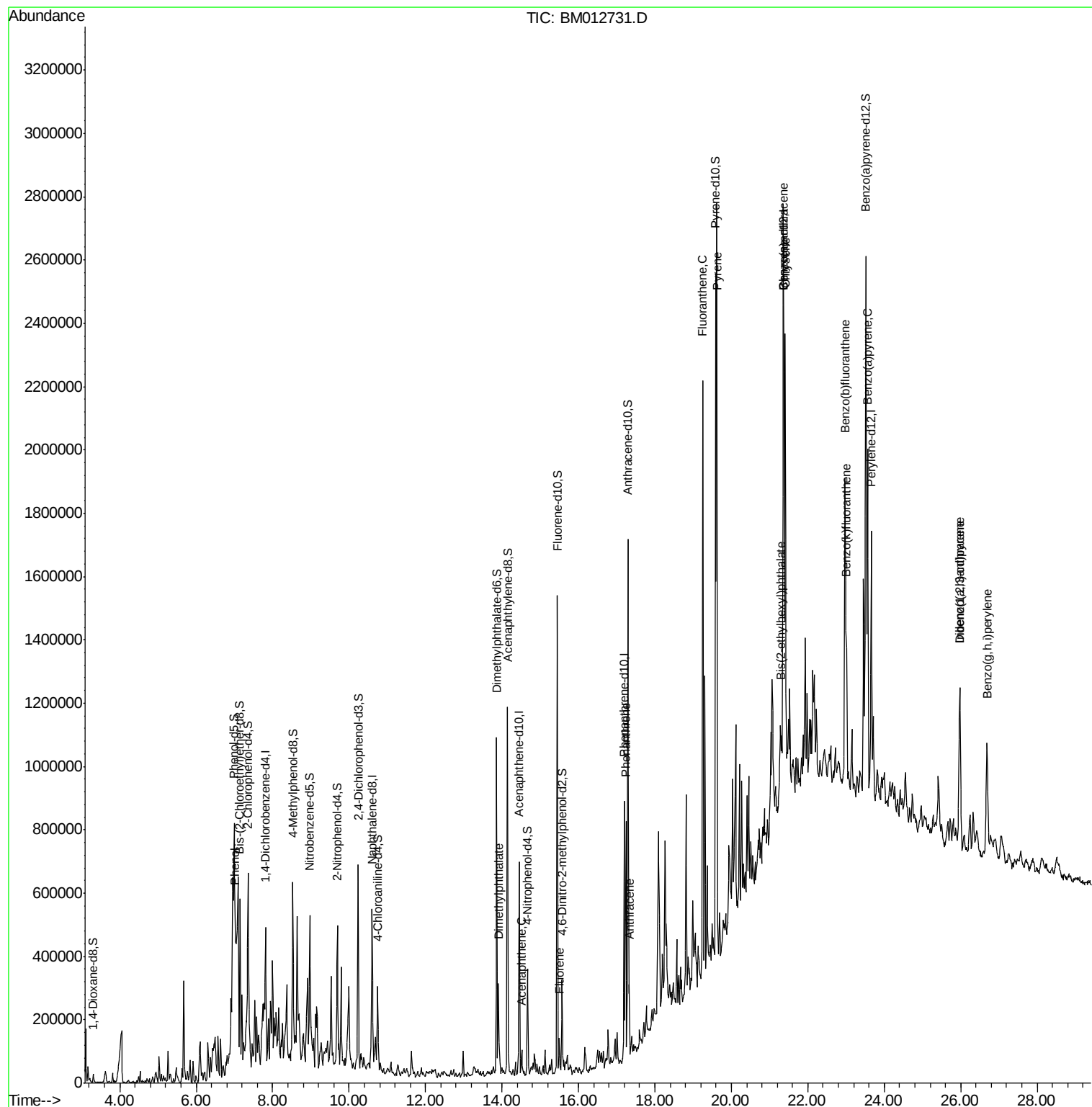
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012731.D
Acq On : 05 Nov 2017 05:28
Operator : SJ/JU
Sample : I5933-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

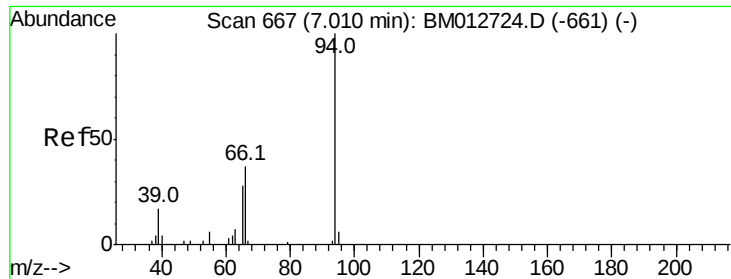
Instrument :
BNA_M
ClientSampled :
B-9(5-6) 101617

Manual Integrations
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Quant Time: Nov 06 04:41:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.422 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Instrument :

BNA_M

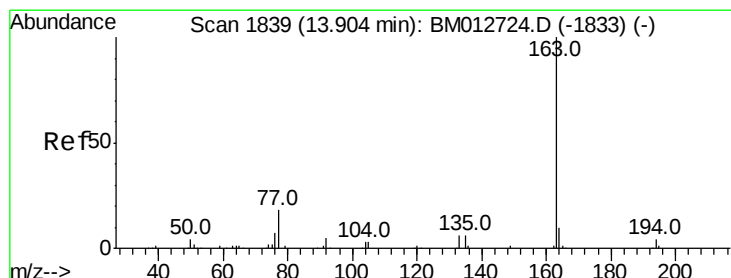
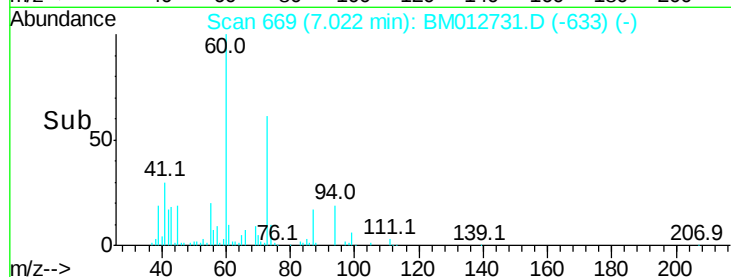
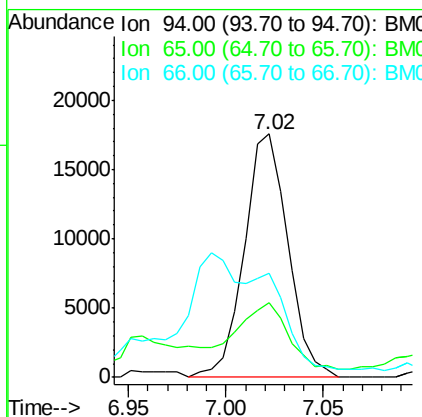
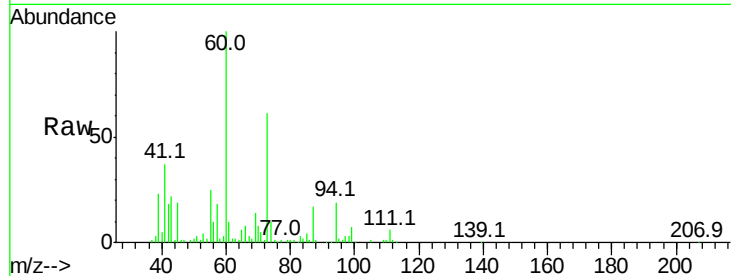
ClientSampleId :

B-9(5-6) 101617

Tot Ion:	94	Resp:	27236
Ion	Ratio	Lower	Upper
94	100		
65	30.6	21.0	31.6
66	42.6	29.3	43.9

Manual Integrations
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#44

Dimethylphthalate

Concen: 9.915 ng/ul

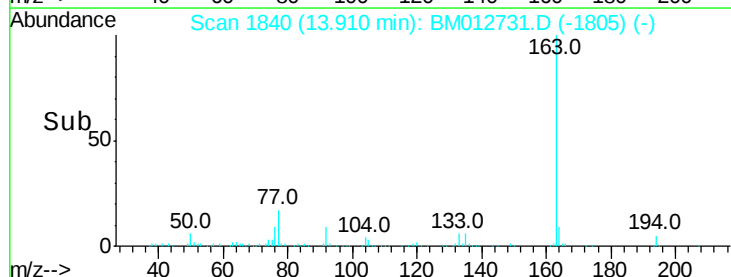
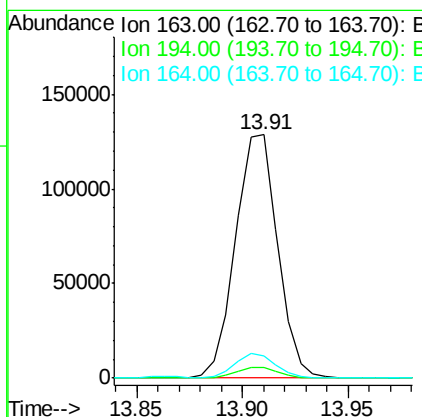
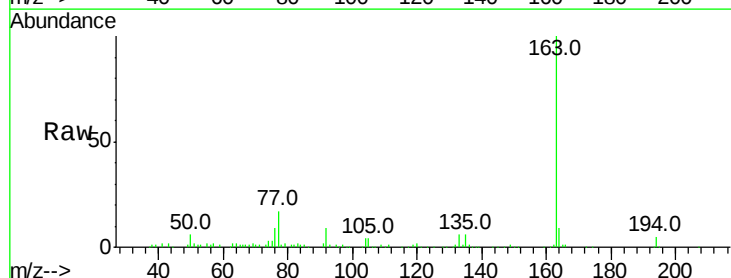
RT: 13.91 min Scan# 1840

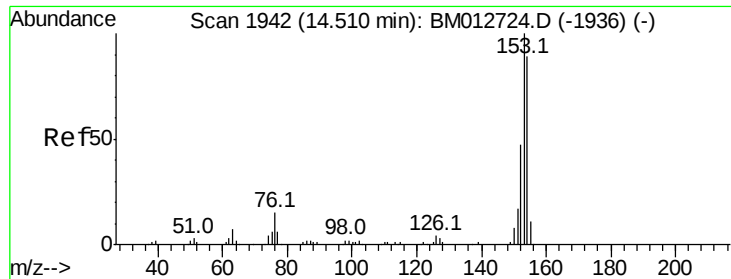
Delta R.T. 0.01 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Tgt Ion:	163	Resp:	176416
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	9.3	7.8	11.8





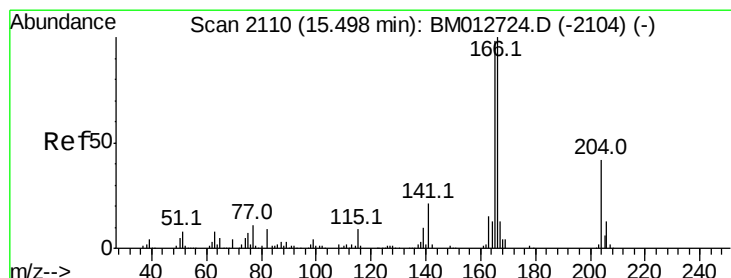
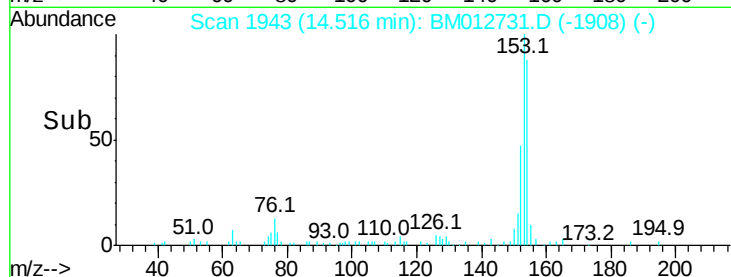
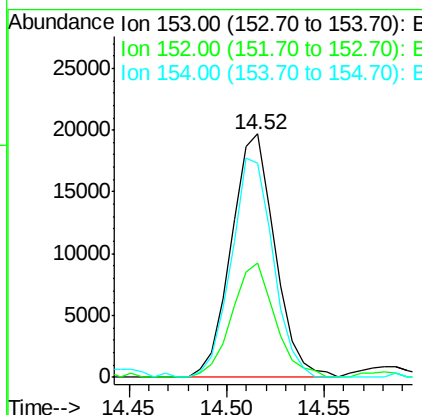
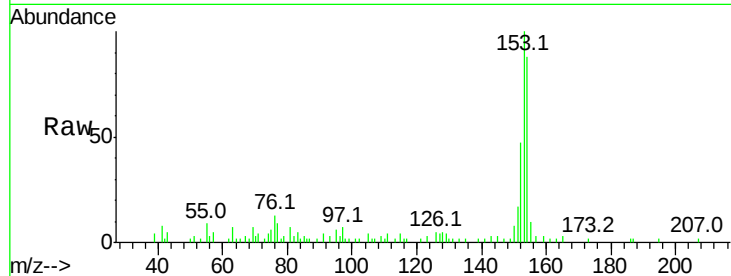
#49
Acenaphthene
Concen: 2.082 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BM012731.D
Acq: 05 Nov 2017 05:28

Instrument :
BNA_M
ClientSampled :
B-9(5-6) 101617

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.3	57.5
154	87.9	71.8	107.8

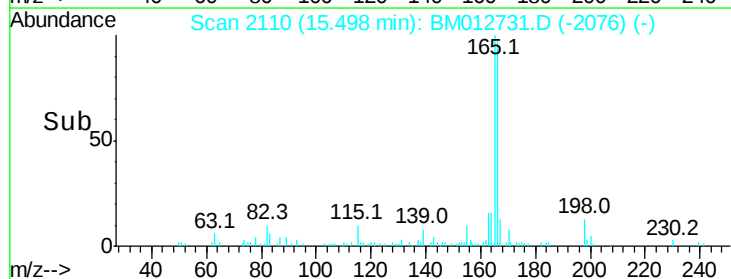
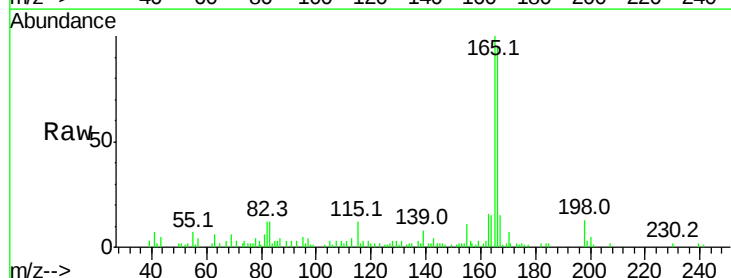
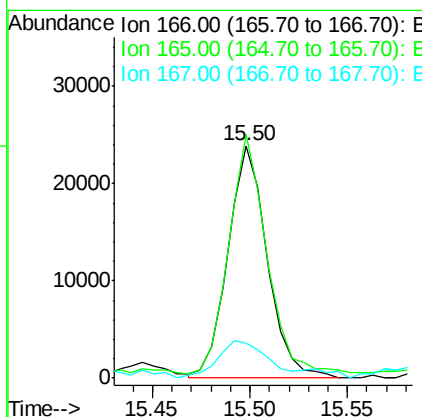
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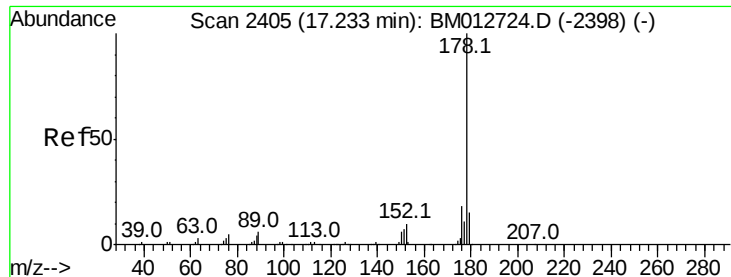
Sohil
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#58
Fluorene
Concen: 1.879 ng/ul
RT: 15.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BM012731.D
Acq: 05 Nov 2017 05:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.8	78.5	117.7
167	15.3	10.7	16.1





#69

Phenanthrene

Concen: 17.249 ng/ul m

RT: 17.24 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Instrument :

BNA_M

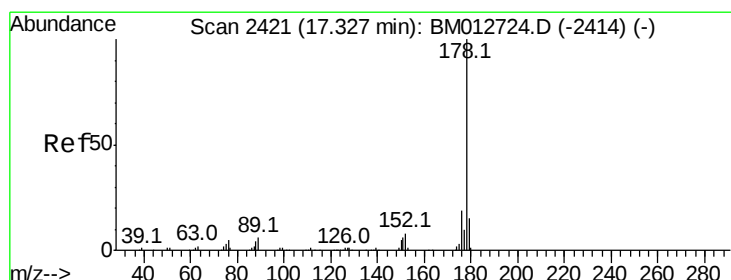
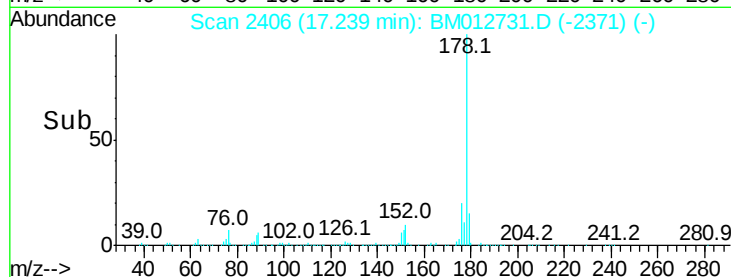
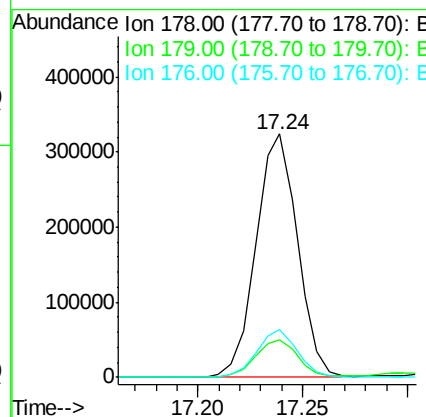
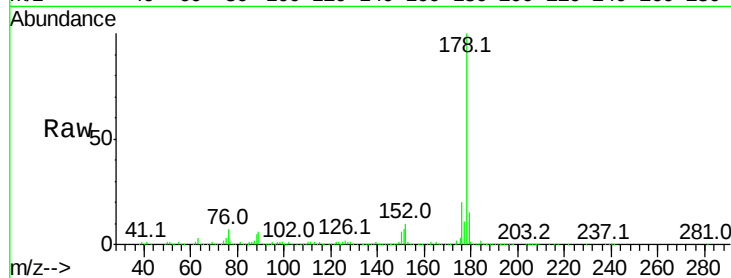
ClientSampleId :

B-9(5-6) 101617

Tot Ion:178	Resp:	447039
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.2 18.4
176	19.6	15.6 23.4

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#71

Anthracene

Concen: 5.111 ng/ul

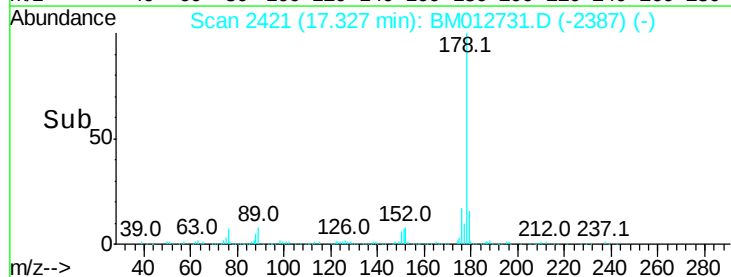
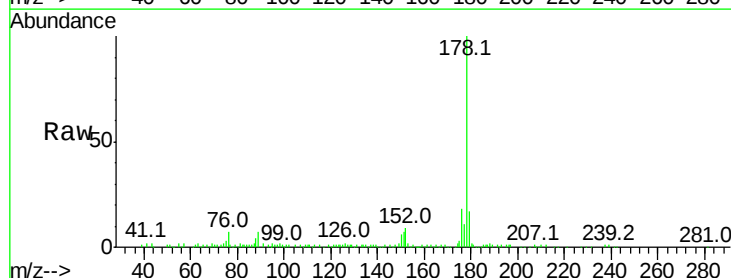
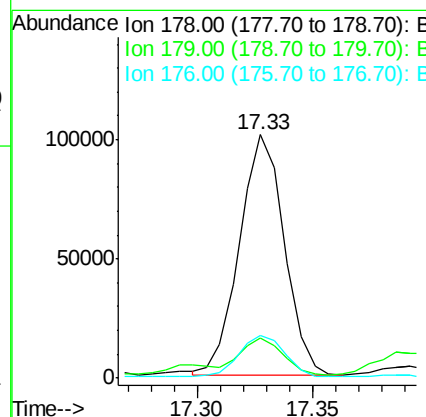
RT: 17.33 min Scan# 2421

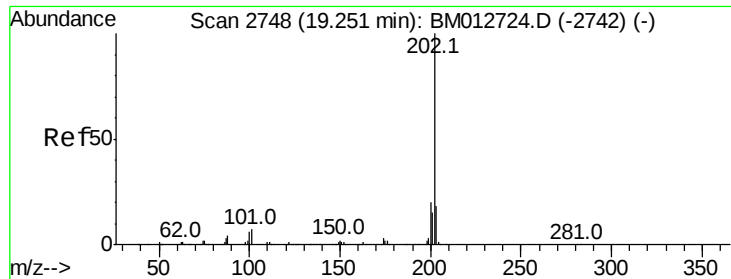
Delta R.T. 0.00 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Tgt Ion:178	Resp:	137335
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.1 18.1
176	17.7	14.8 22.2





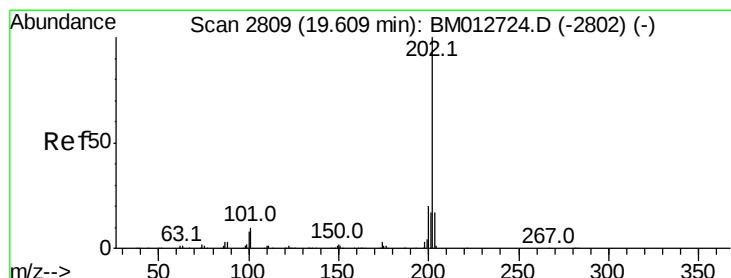
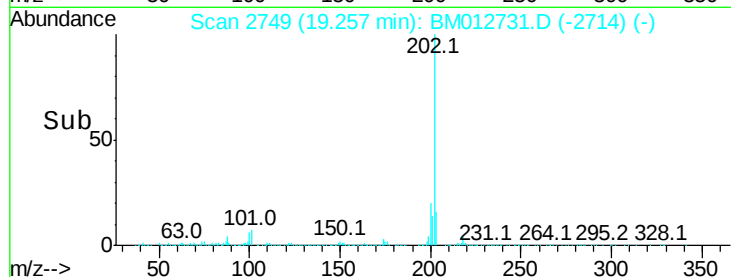
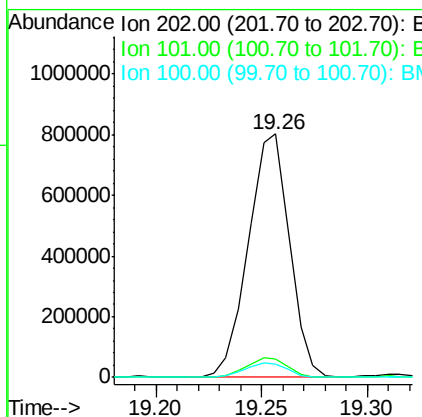
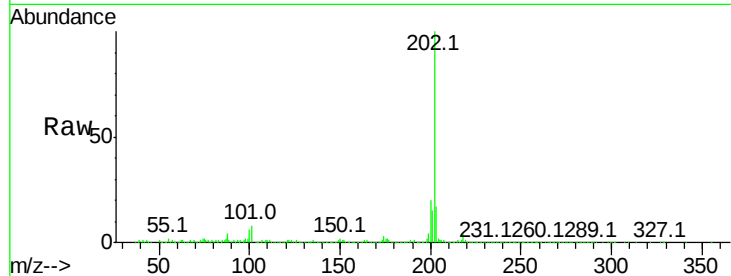
#76
 Fluoranthene
 Concen: 34.772 ng/ul
 RT: 19.26 min Scan# 2749
 Delta R.T. 0.01 min
 Lab File: BM012731.D
 Acq: 05 Nov 2017 05:28

Instrument :
 BNA_M
 ClientSampleId :
 B-9(5-6)_101617

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	8.8	13.2#
100	5.7	6.6	9.8#

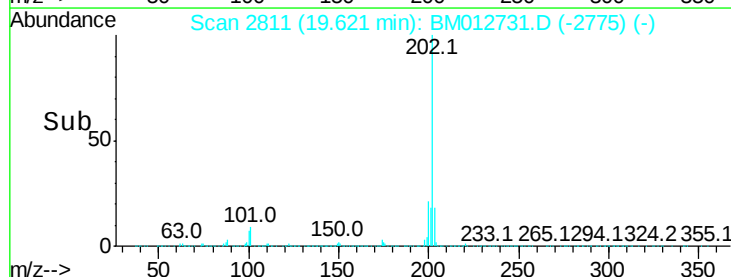
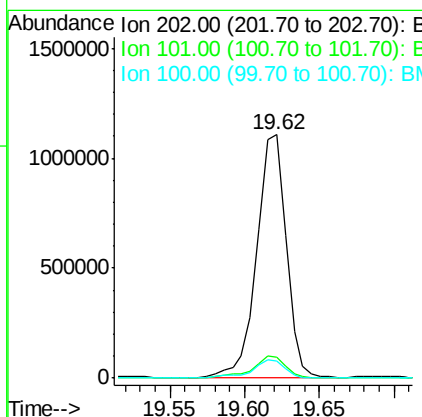
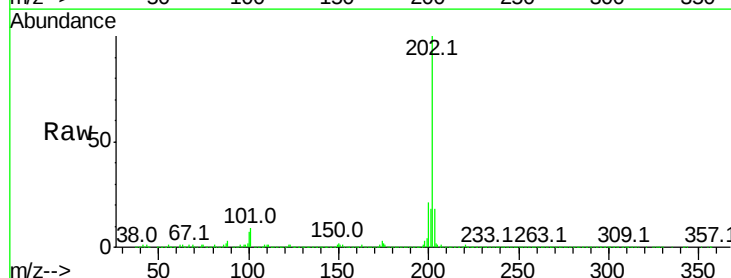
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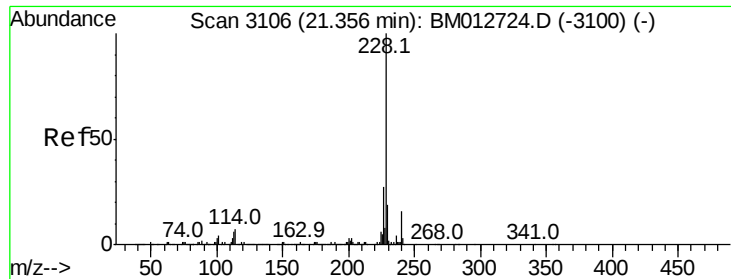
Sohil
 11/6/2017 4:24:11 PM



#79
 Pyrene
 Concen: 44.925 ng/ul
 RT: 19.62 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BM012731.D
 Acq: 05 Nov 2017 05:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	10.2	15.2#
100	7.0	8.5	12.7#





#82

Benzo(a)anthracene

Concen: 23.653 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Instrument :

BNA_M

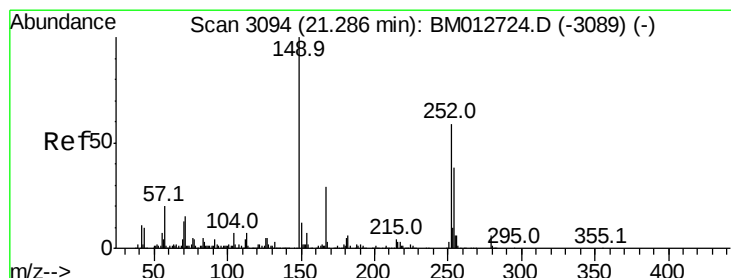
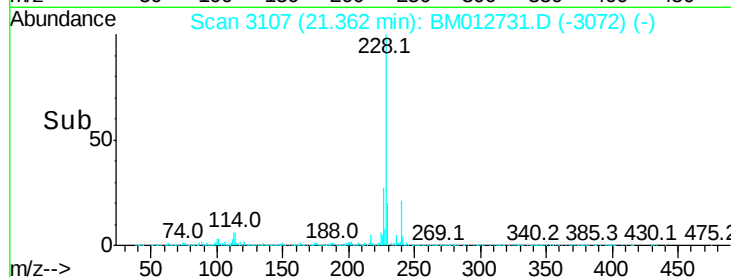
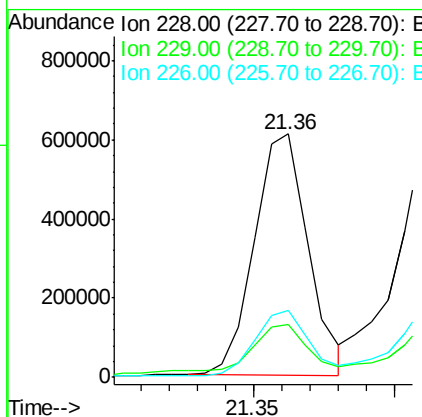
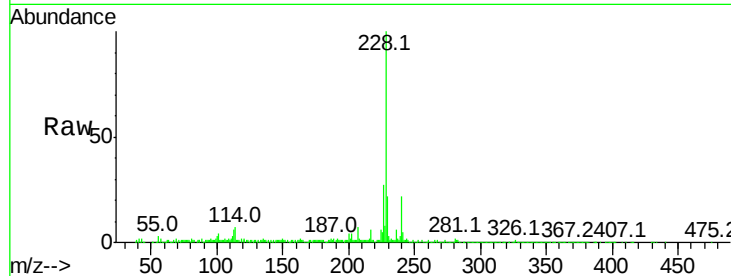
ClientSampleId :

B-9(5-6)_101617

Tot Ion:	228	Resp:	805903
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.7	23.5
226	27.4	21.8	32.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.697 ng/ul

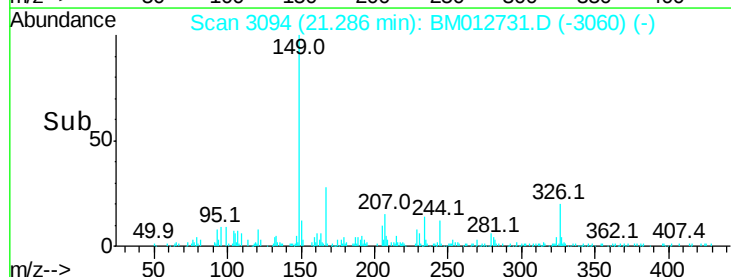
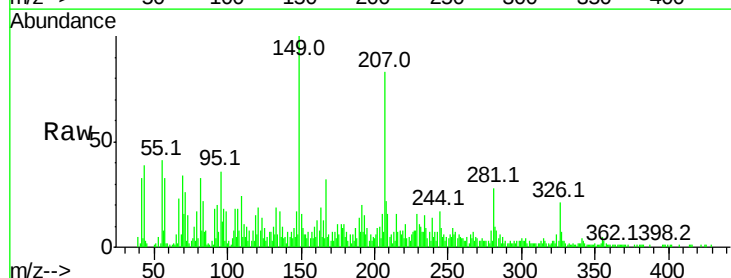
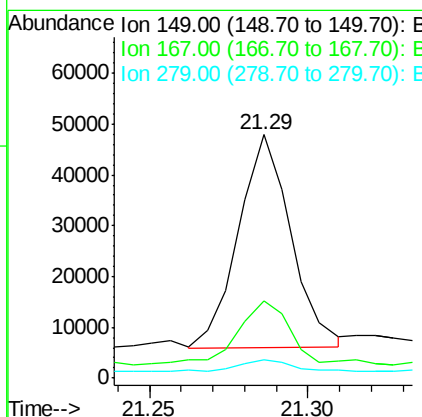
RT: 21.29 min Scan# 3094

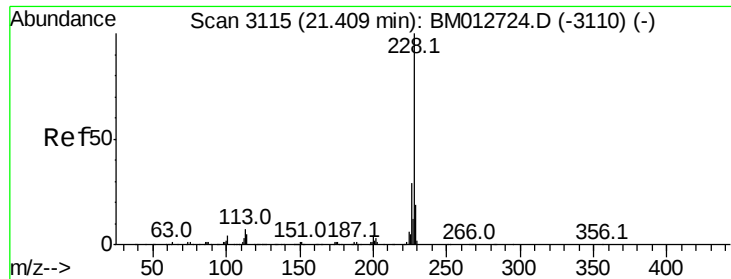
Delta R.T. 0.00 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Tgt Ion:	149	Resp:	48129
Ion Ratio	Lower	Upper	
149	100		
167	31.7	21.6	32.4
279	7.7	3.0	4.4#





#84

Chrysene

Concen: 25.963 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Instrument :

BNA_M

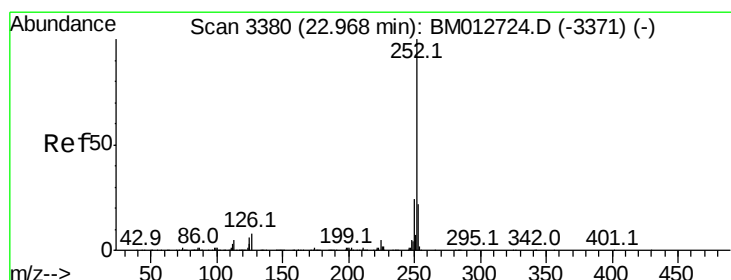
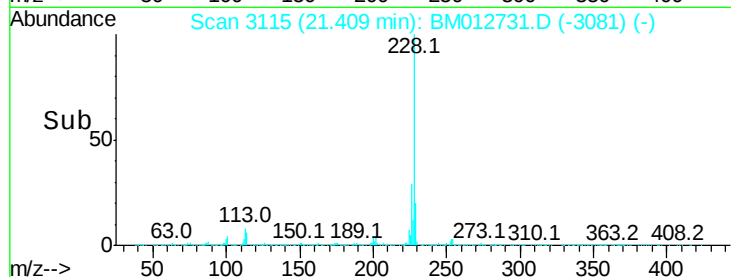
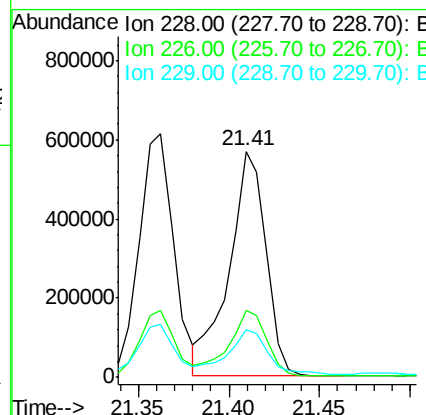
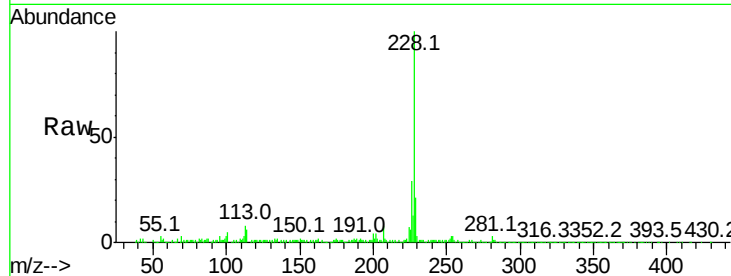
ClientSampleId :

B-9(5-6)_101617

Tot Ion:	228	Resp:	801687
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	21.4	15.6	23.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 24.183 ng/ul

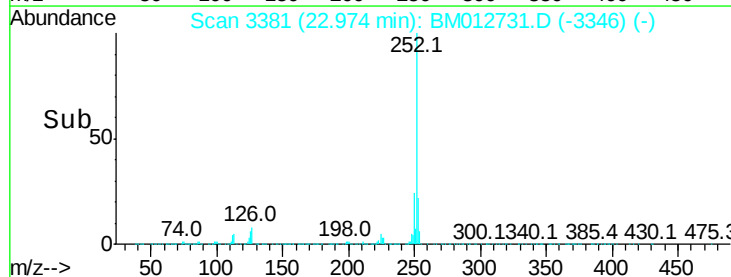
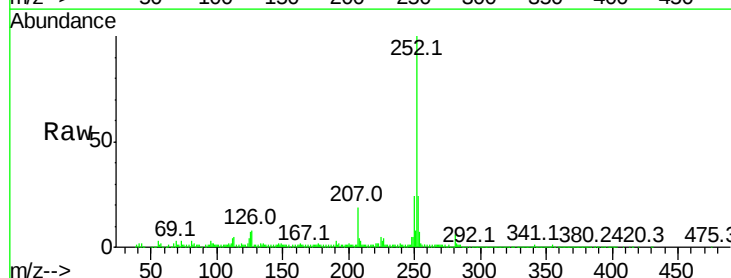
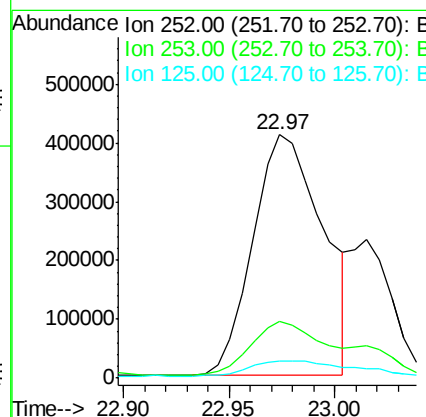
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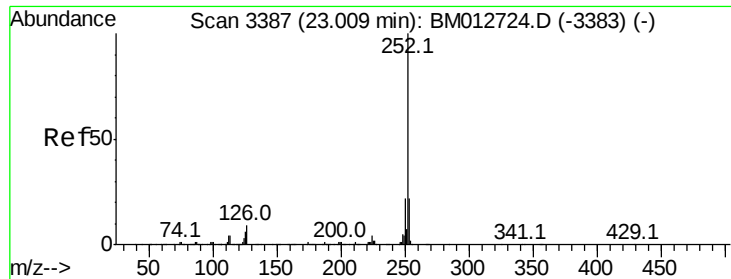
Delta R.T. 0.01 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Tgt Ion:	252	Resp:	947089
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	7.1	8.5	12.7#





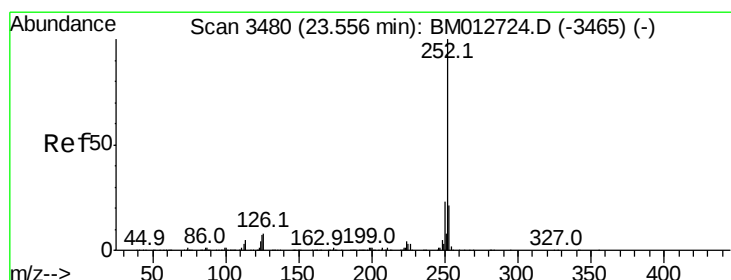
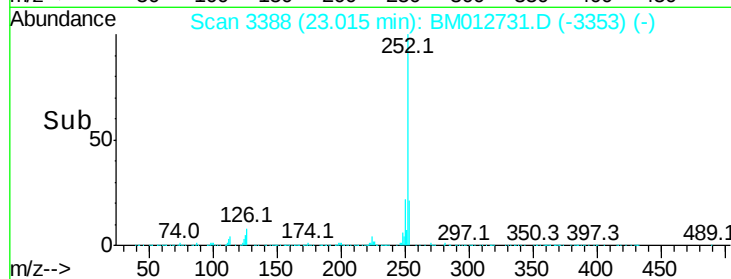
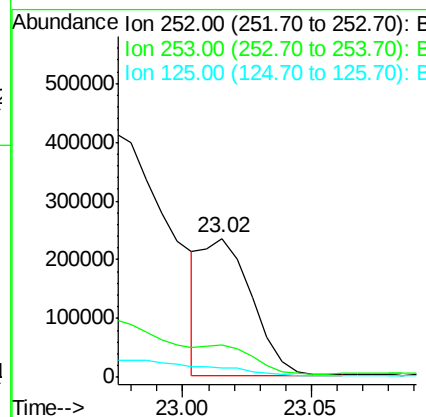
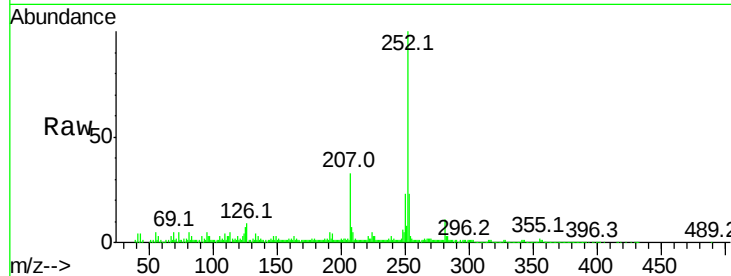
#88
Benzo(k)fluoranthene
Concen: 8.323 ng/ul m
RT: 23.02 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM012731.D
Acq: 05 Nov 2017 05:28

Instrument :
BNA_M
ClientSampleId :
B-9(5-6)_101617

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	7.1	8.2	12.2

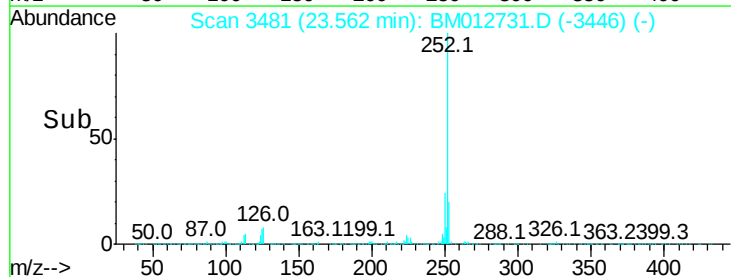
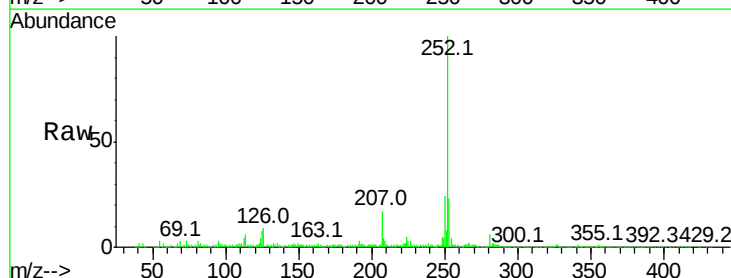
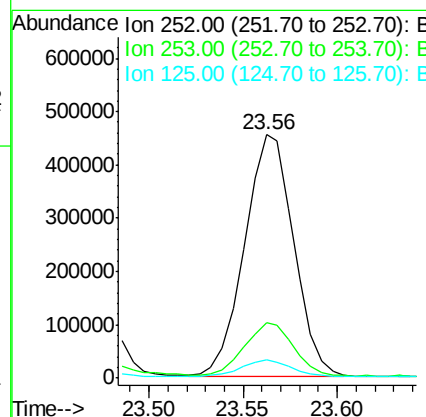
Manual Integrations
APPROVED

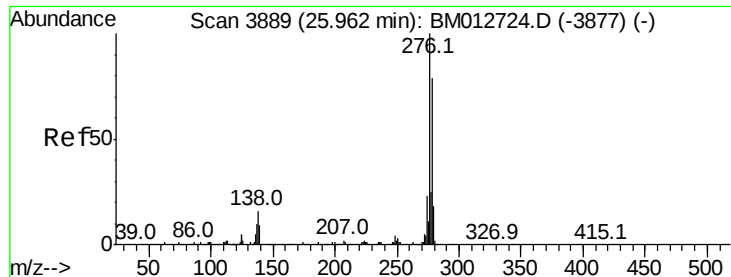
Sohil
11/6/2017 4:24:11 PM



#90
Benzo(a)pyrene
Concen: 22.048 ng/ul m
RT: 23.56 min Scan# 3481
Delta R.T. 0.01 min
Lab File: BM012731.D
Acq: 05 Nov 2017 05:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	7.8	9.0	13.6





#91

Indeno(1,2,3-cd)pyrene

Concen: 11.356 ng/ul

RT: 25.97 min Scan# 3891

Delta R.T. 0.01 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Instrument :

BNA_M

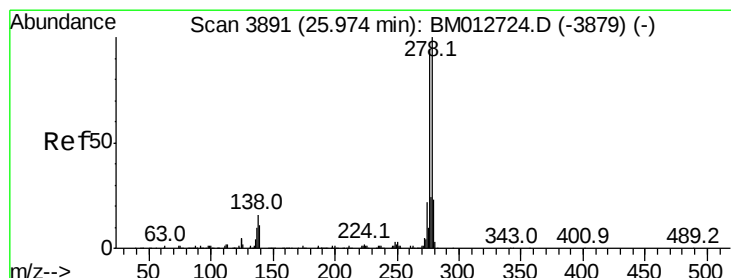
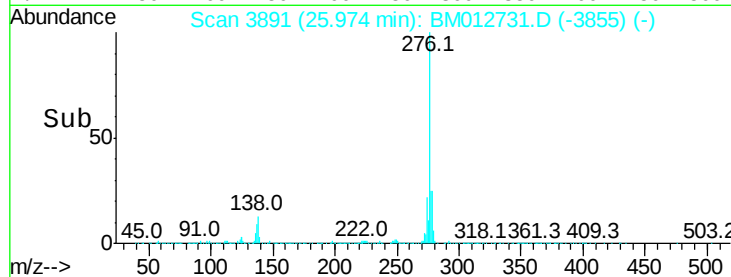
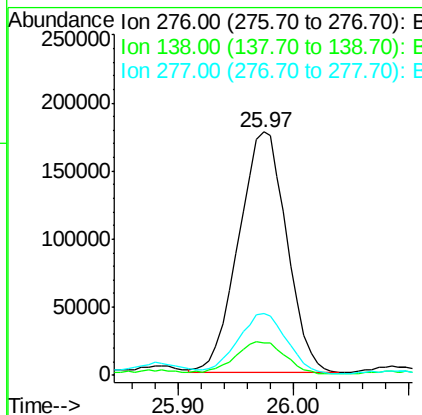
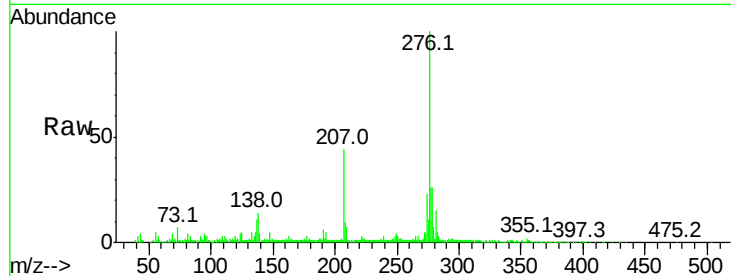
ClientSampleId :

B-9(5-6) 101617

Tot Ion:	276	Resp:	510057
Ion Ratio	Lower	Upper	
276	100		
138	13.5	22.3	33.5#
277	25.6	20.2	30.2

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:11 PM



#92

Dibenzo(a,h)anthracene

Concen: 4.064 ng/ul

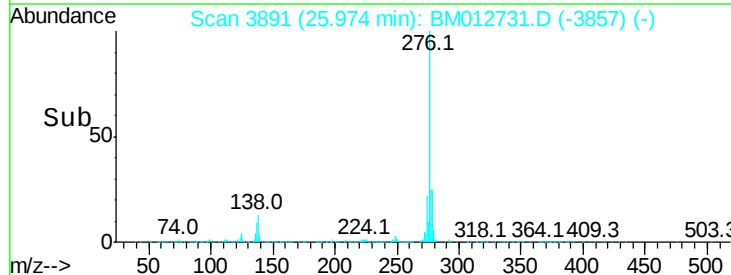
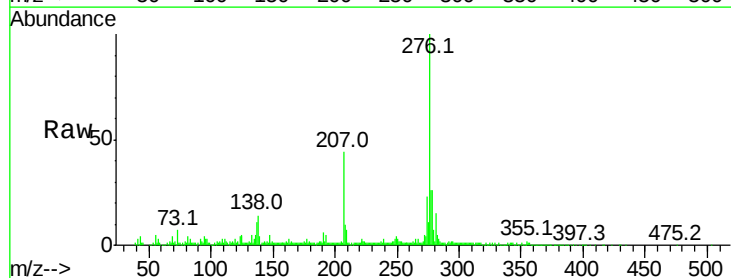
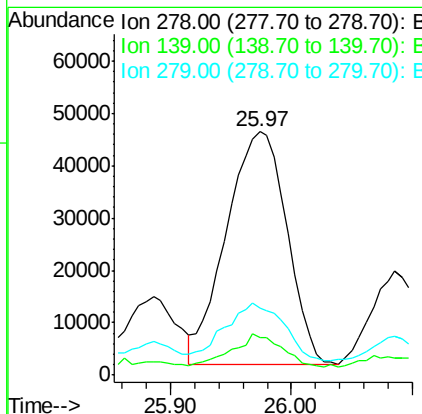
RT: 25.97 min Scan# 3891

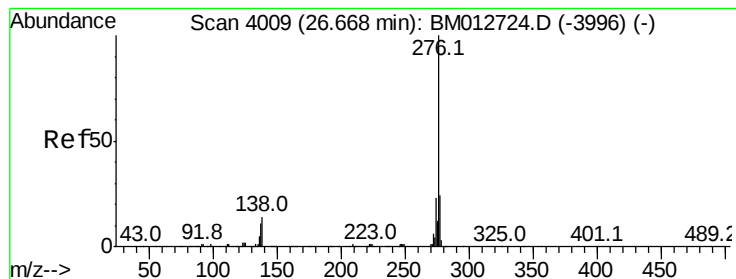
Delta R.T. 0.00 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Tgt Ion:	278	Resp:	154514
Ion Ratio	Lower	Upper	
278	100		
139	15.2	13.9	20.9
279	27.6	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 13.316 ng/ul

RT: 26.69 min Scan# 4012

Delta R.T. 0.02 min

Lab File: BM012731.D

Acq: 05 Nov 2017 05:28

Instrument :

BNA_M

ClientSampleId :

B-9(5-6)_101617

Tot Ion:	276	Resp:	492828
Ion Ratio	Lower	Upper	
276	100		
138	14.9	18.9	28.3#
277	25.8	19.2	28.8

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:11 PM

