

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012622.D
 Acq On : 01 Nov 2017 03:09
 Operator : SJ/JU
 Sample : I5719-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-36(0-1)-100417

Manual Integrations
 APPROVED

Sohil
 11/1/2017 4:58:23 PM

Quant Time: Nov 01 06:50:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 01 06:39:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	379679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1626173	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	1027082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	2547583	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2598939	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2356291	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	22890	3.08	ng/uL	0.00
5) Phenol-d5	7.02	99	614190	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	356871	18.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	487449	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	433963	16.01	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	249575	24.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	280034	26.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	549669	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	147773	5.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1741268	19.41	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2197119	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	223144	16.73	ng/ul	0.00
57) Fluorene-d10	15.47	176	1599674	21.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	189023	15.33	ng/ul	0.00
70) Anthracene-d10	17.32	188	2490148	20.51	ng/ul	0.00
76) Pyrene-d10	19.61	212	2907201	24.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	2301542	20.56	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.05	94	110589	3.349	ng/ul# 84
28) Naphthalene	10.69	128	478384	5.933	ng/ul 99
34) 2-Methylnaphthalene	12.30	142	144564	2.208	ng/ul 95
44) Dimethylphthalate	13.93	163	841143	9.477	ng/ul 98
69) Phenanthrene	17.26	178	618811	4.492	ng/ul 99
71) Anthracene	17.36	178	206480	1.450	ng/ul 98
74) Fluoranthene	19.27	202	2010846	12.881	ng/ul# 90
77) Pyrene	19.64	202	1830800	12.388	ng/ul# 91
78) Butylbenzylphthalate	20.53	149	522662	8.976	ng/ul 94
80) Benzo(a)anthracene	21.38	228	1129384	7.257	ng/ul 97
81) Bis(2-ethylhexyl)phthalate	21.31	149	1336249	15.083	ng/ul 99
82) Chrysene	21.43	228	1055249	7.626	ng/ul 96
85) Benzo(b)fluoranthene	23.00	252	1716330	11.783	ng/ul# 94
86) Benzo(k)fluoranthene	23.04	252	519791m	3.792	ng/ul
88) Benzo(a)pyrene	23.59	252	1086166	7.821	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	26.02	276	985693	6.031	ng/ul# 96
90) Dibenzo(a,h)anthracene	26.03	278	253805	1.832	ng/ul# 85
91) Benzo(g,h,i)perylene	26.74	276	970399	7.326	ng/ul# 95

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

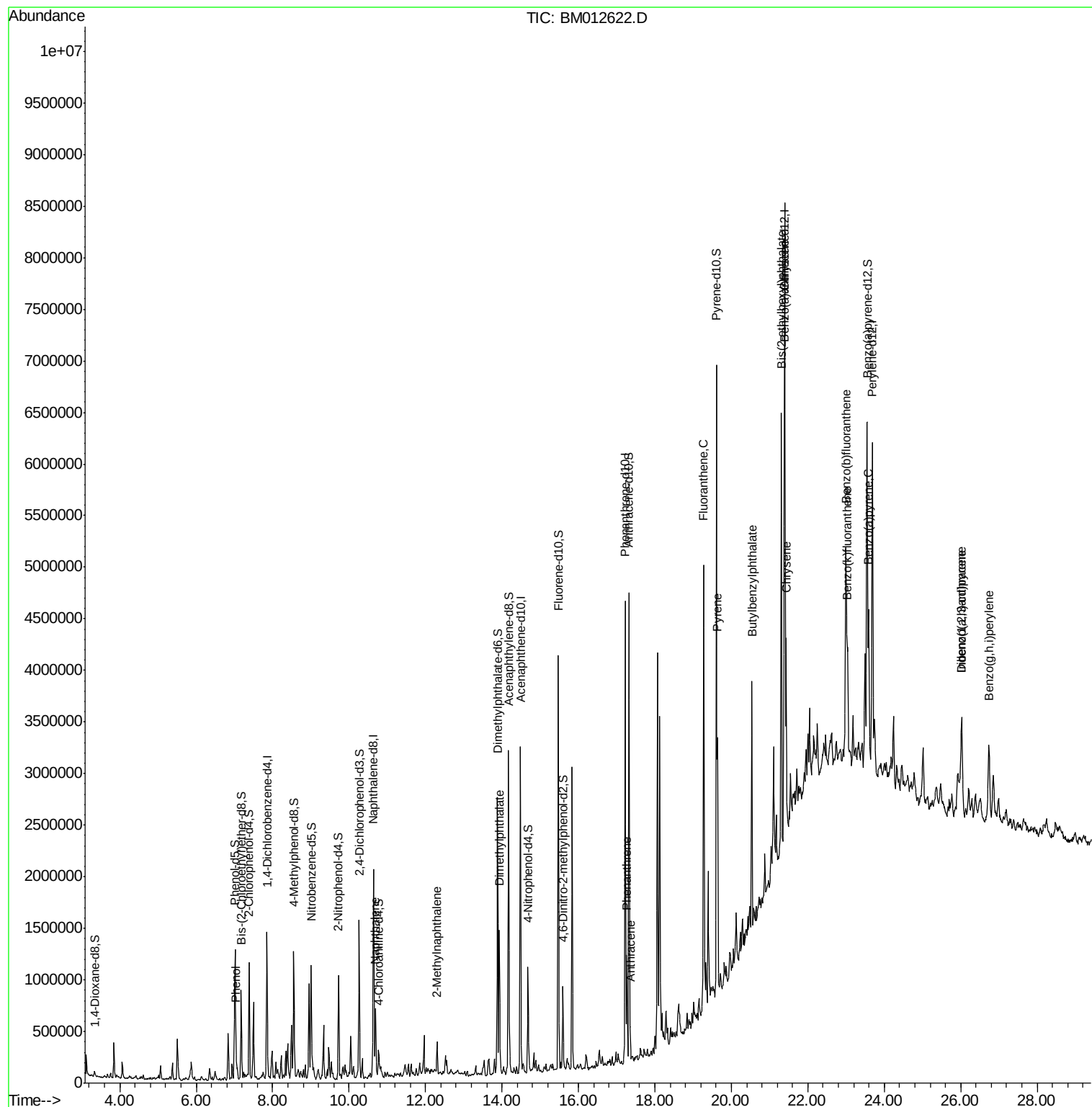
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012622.D
Acq On : 01 Nov 2017 03:09
Operator : SJ/JU
Sample : I5719-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

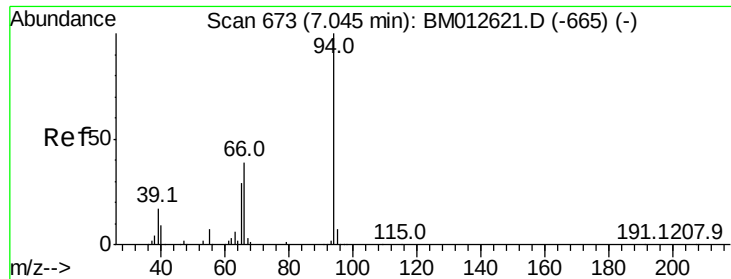
Instrument :
BNA_M
ClientSampleId :
B-36(0-1)-100417

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Quant Time: Nov 01 06:50:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.349 ng/ul

RT: 7.05 min Scan# 673

Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Instrument :

BNA_M

ClientSampleId :

B-36(0-1)-100417

Tot Ion: 94 Resp: 110589

Ion Ratio Lower Upper

94 100

65 31.8 28.2 42.4

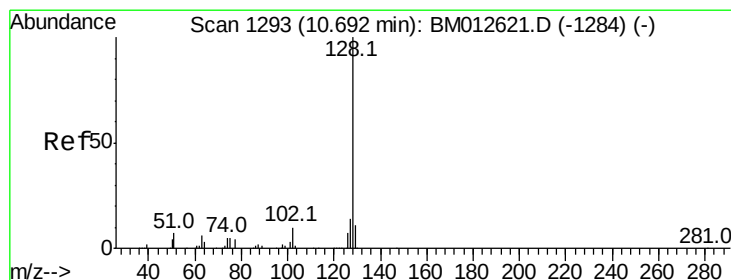
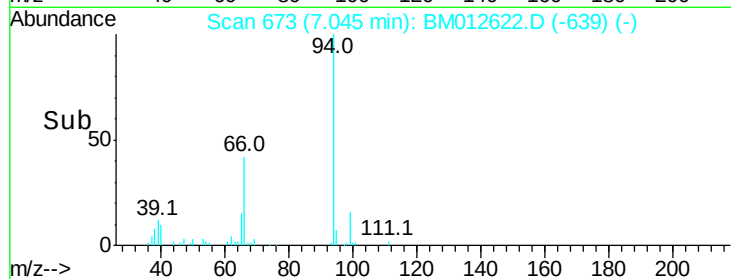
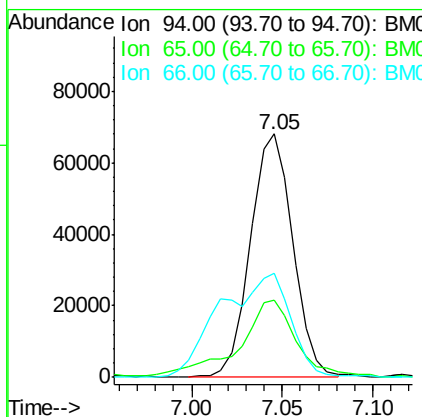
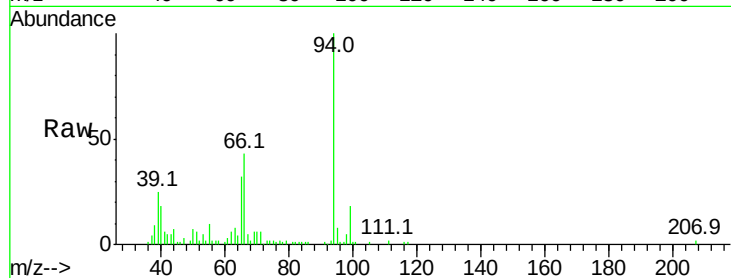
66 42.9 47.2 70.8#

Manual Integrations

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#28

Naphthalene

Concen: 5.933 ng/ul

RT: 10.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

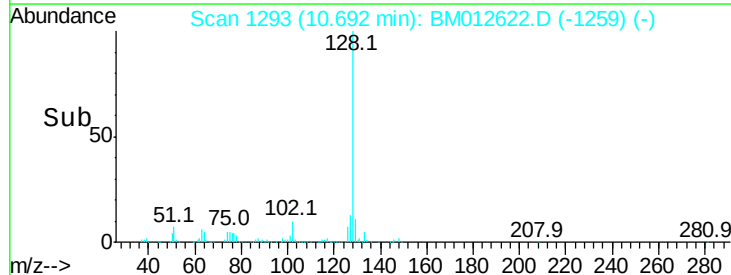
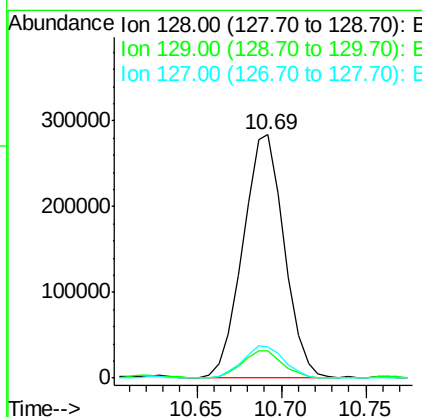
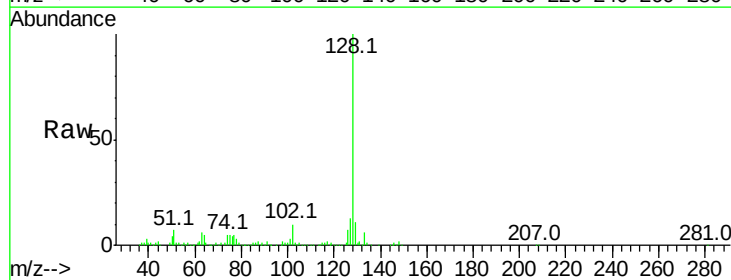
Tgt Ion: 128 Resp: 478384

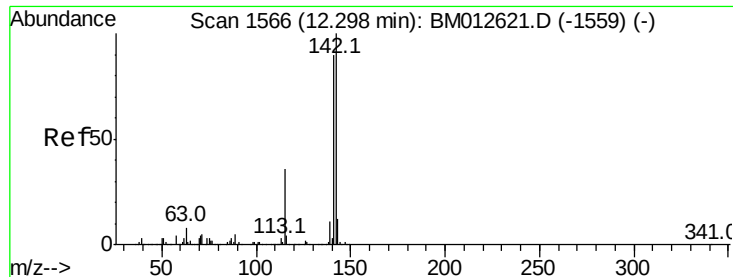
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 12.9 10.6 16.0





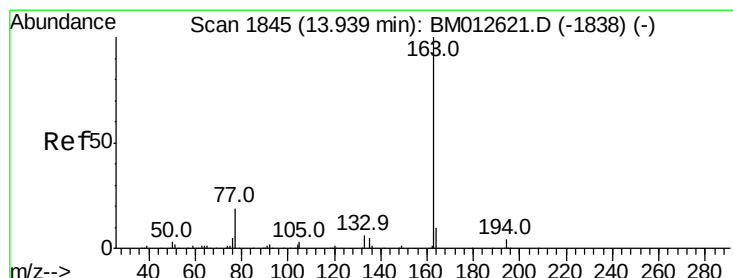
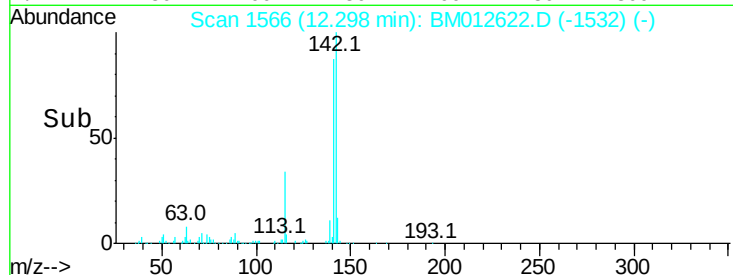
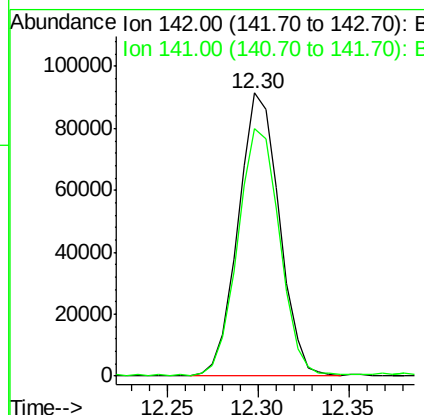
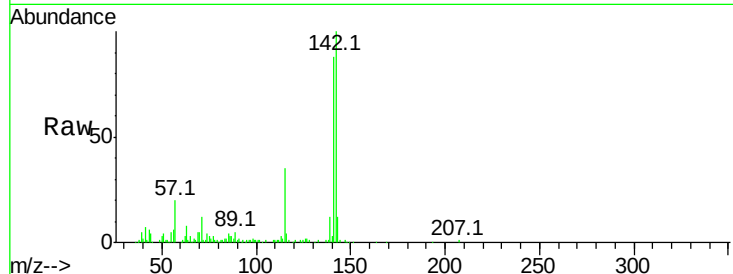
#34
 2-Methylnaphthalene
 Concen: 2.208 ng/ul
 RT: 12.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BM012622.D
 Acq: 01 Nov 2017 03:09

Instrument :
 BNA_M
 ClientSampleId :
 B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	74.1	111.1

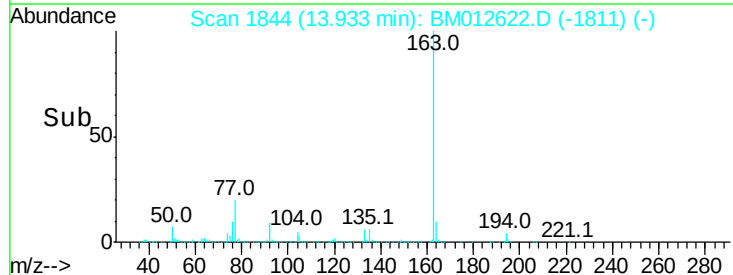
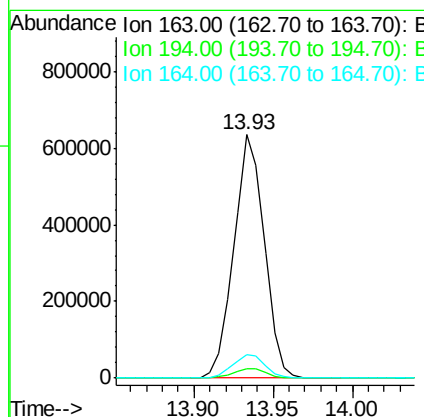
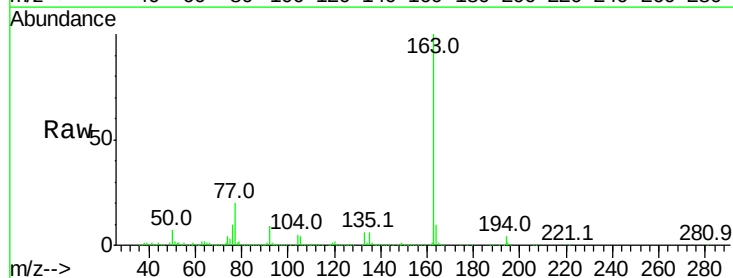
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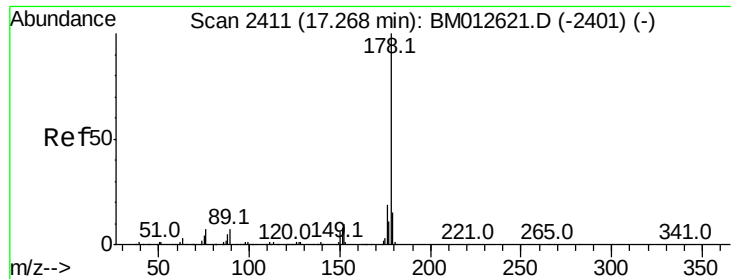
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#44
 Dimethylphthalate
 Concen: 9.477 ng/ul
 RT: 13.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BM012622.D
 Acq: 01 Nov 2017 03:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	9.7	8.2	12.4





#69

Phenanthrene

Concen: 4.492 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Instrument :

BNA_M

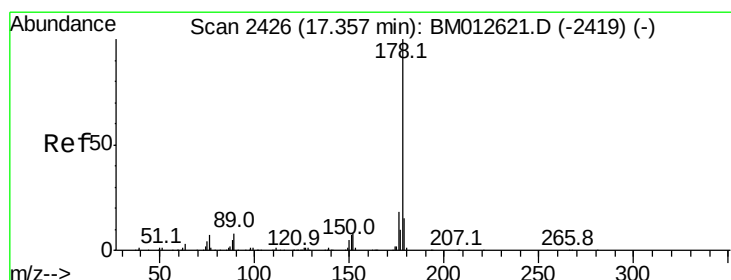
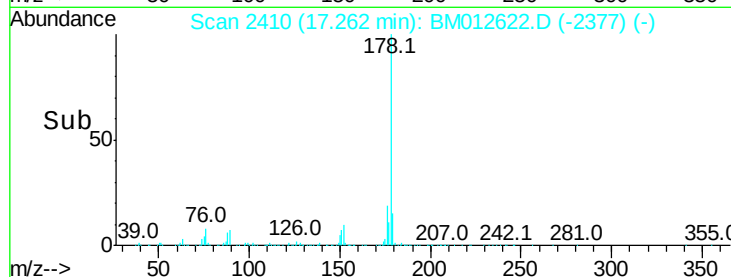
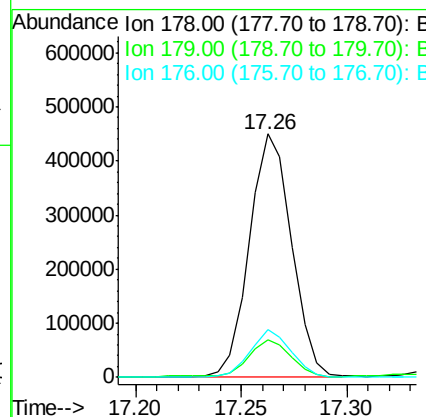
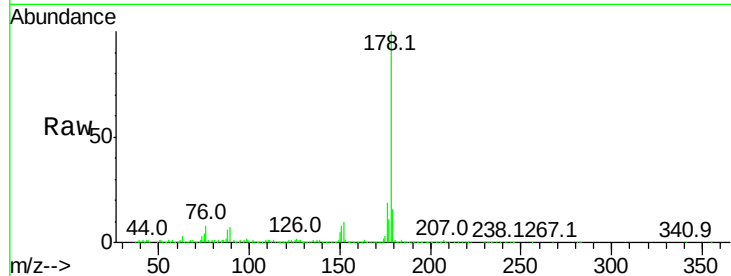
ClientSampleId :

B-36(0-1)-100417

Tot Ion:	178	Resp:	618811
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	19.4	14.9	22.3

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#71

Anthracene

Concen: 1.450 ng/ul

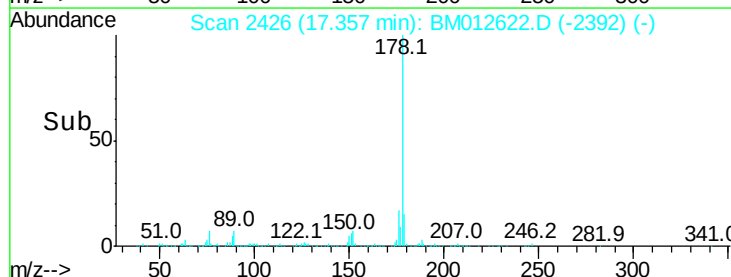
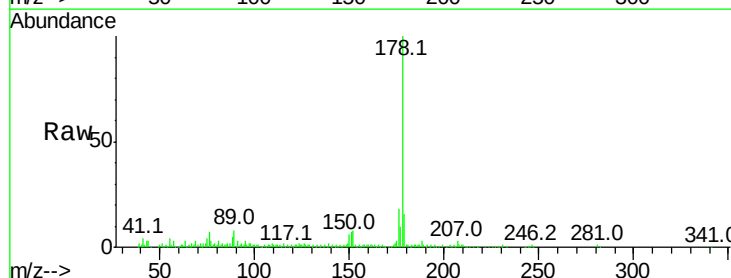
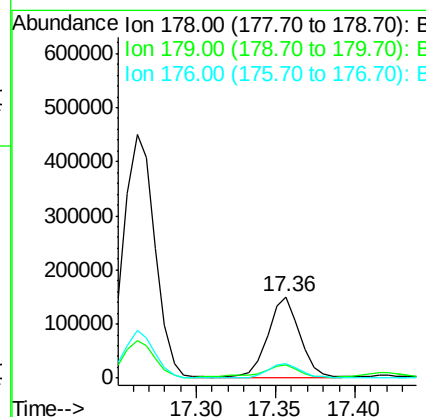
RT: 17.36 min Scan# 2426

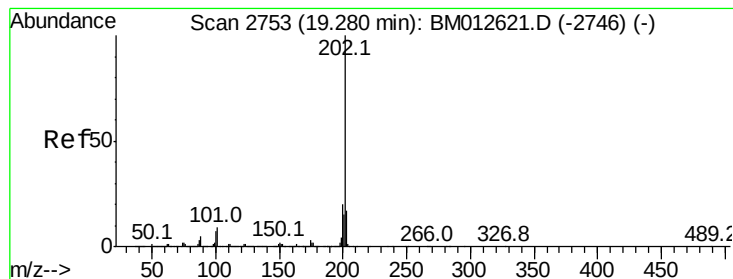
Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Tgt Ion:	178	Resp:	206480
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.7	17.5
176	17.9	14.6	21.8





#74

Fluoranthene

Concen: 12.881 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Instrument :

BNA_M

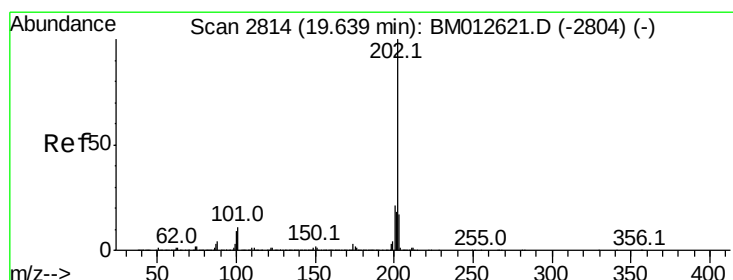
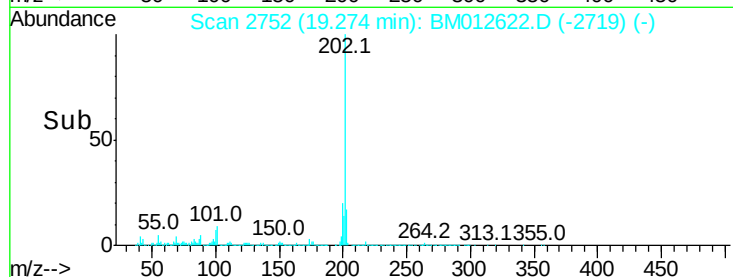
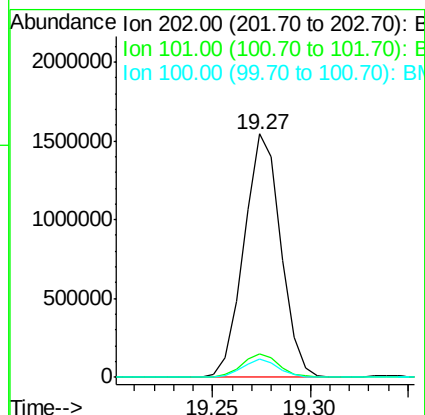
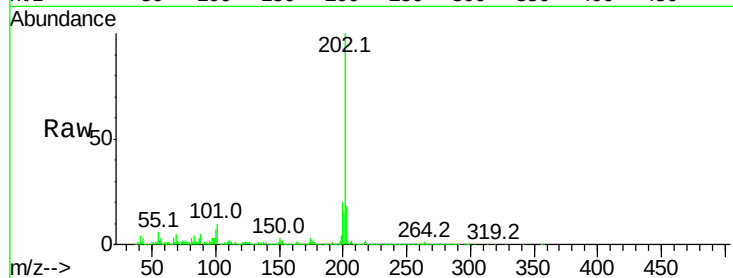
ClientSampleId :

B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	4.6	7.0#
100	7.3	3.4	5.2#

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#77

Pyrene

Concen: 12.388 ng/ul

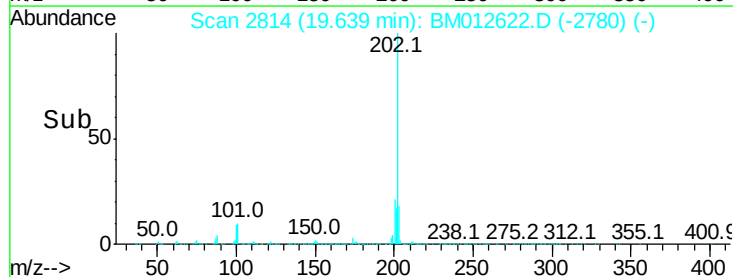
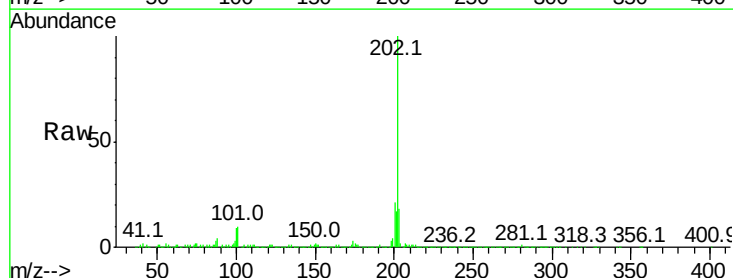
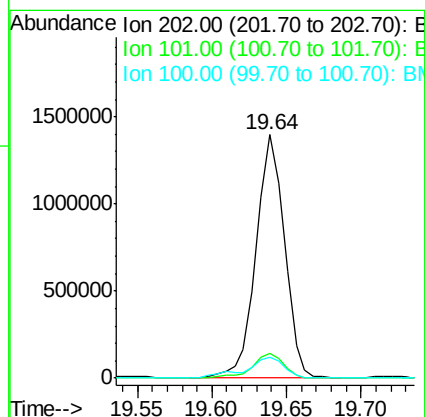
RT: 19.64 min Scan# 2814

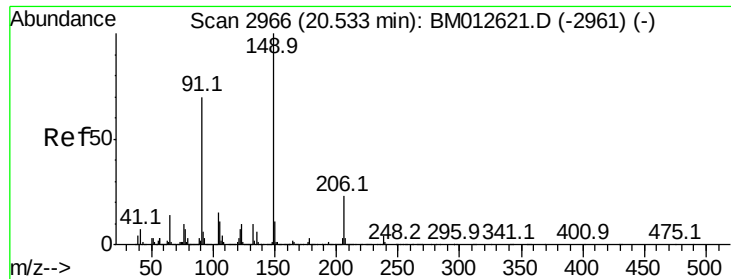
Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.7	4.9	7.3#





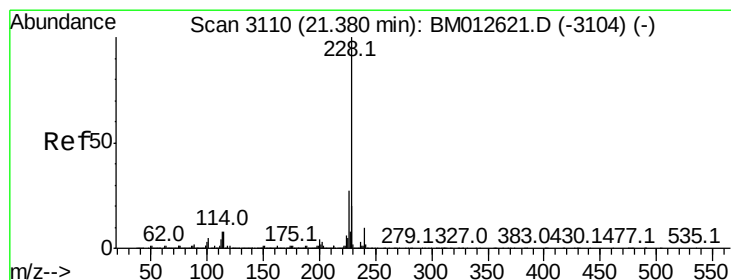
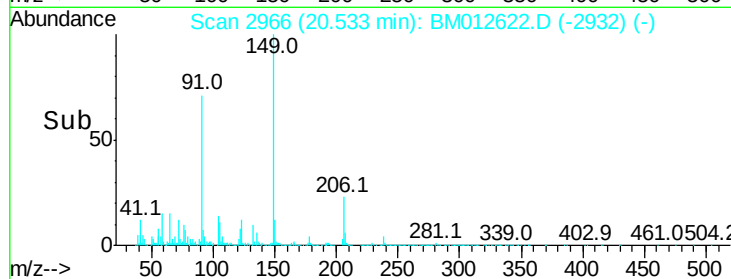
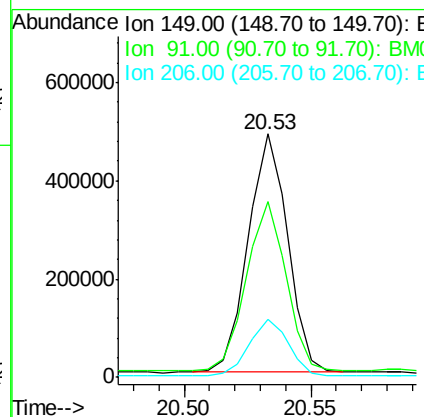
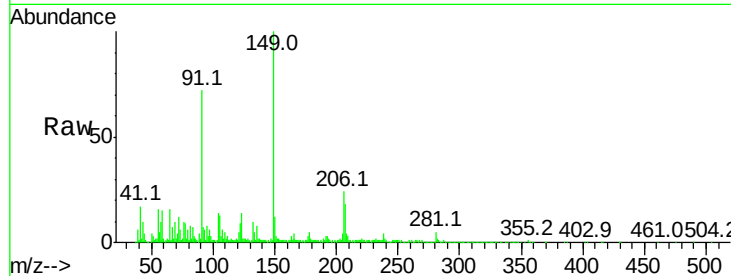
#78
Butylbenzylphthalate
Concen: 8.976 ng/ul
RT: 20.53 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM012622.D
Acq: 01 Nov 2017 03:09

Instrument :
BNA_M
ClientSampleId :
B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	62.7	94.1
206	23.7	20.8	31.2

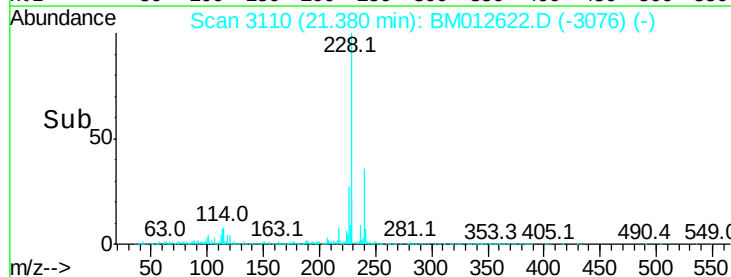
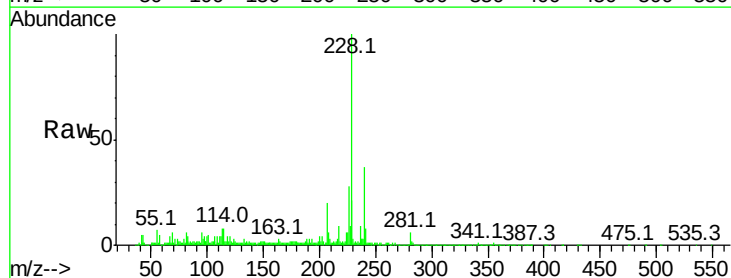
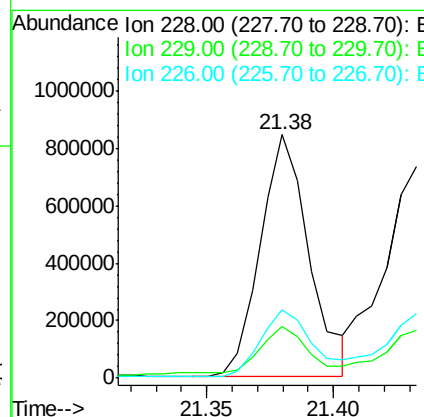
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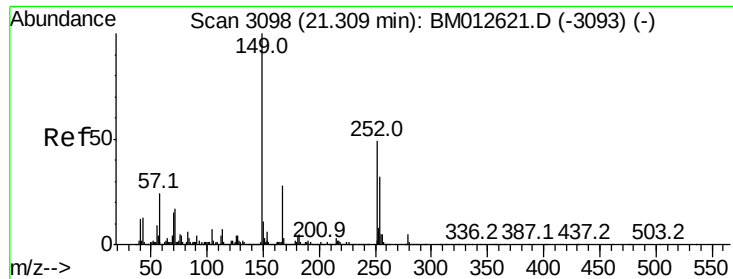
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#80
Benzo(a)anthracene
Concen: 7.257 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM012622.D
Acq: 01 Nov 2017 03:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.0
226	28.0	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 15.083 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Instrument :

BNA_M

ClientSampled :

B-36(0-1)-100417

Tot Ion:149 Resp: 1336249

Ion Ratio Lower Upper

149 100

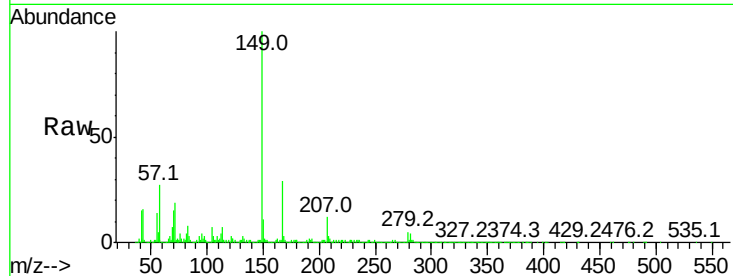
167 28.7 22.8 34.2

279 5.4 4.9 7.3

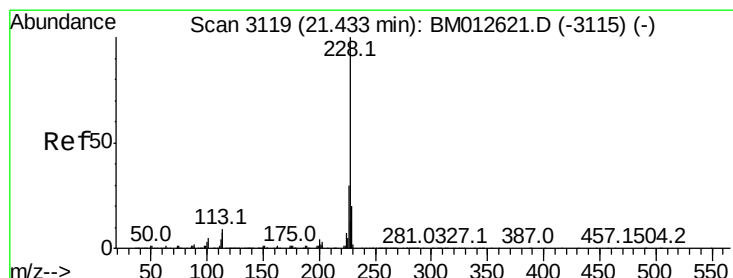
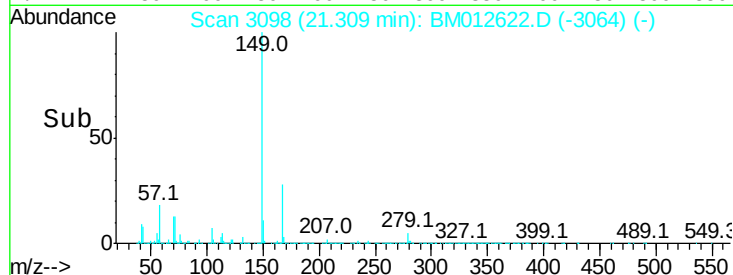
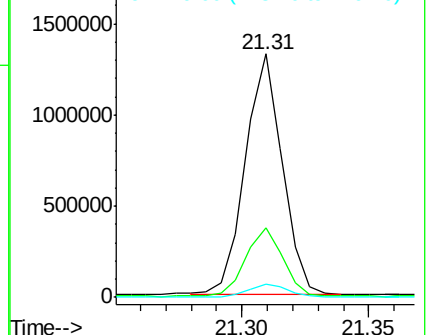
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 7.626 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Tgt Ion:228 Resp: 1055249

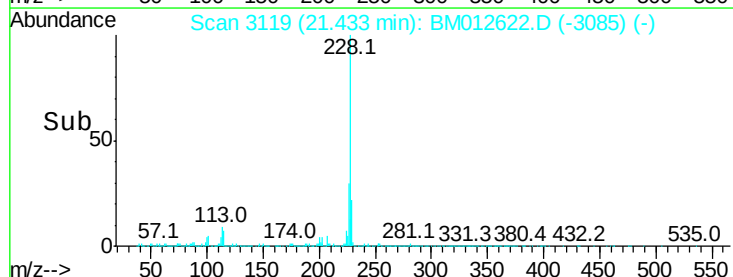
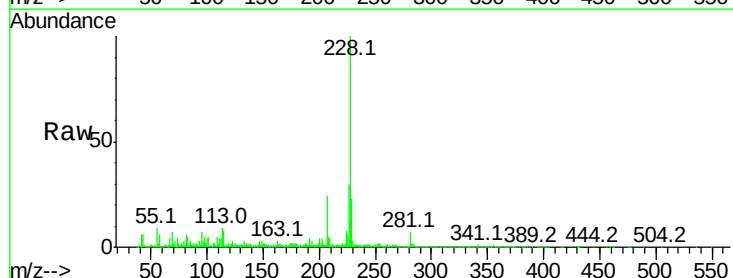
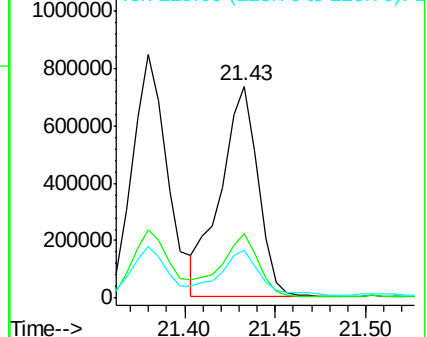
Ion Ratio Lower Upper

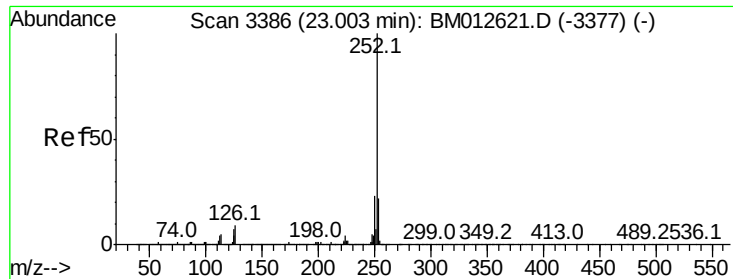
228 100

226 30.4 23.4 35.2

229 22.5 15.5 23.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 11.783 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Instrument :

BNA_M

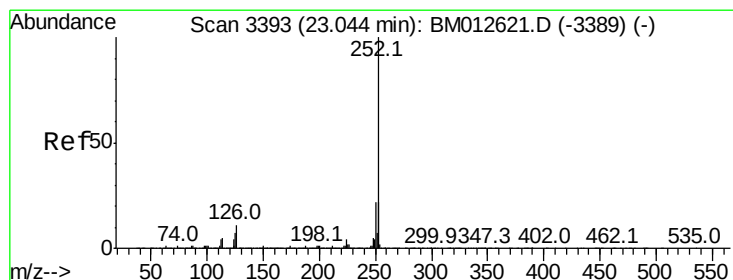
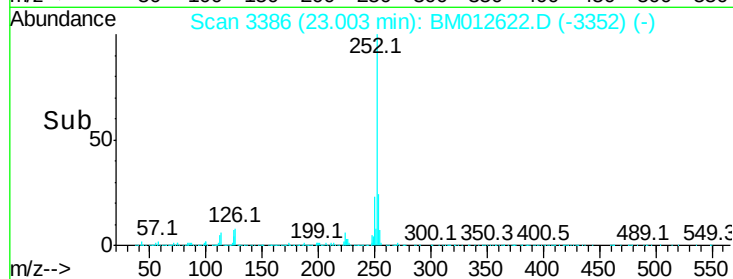
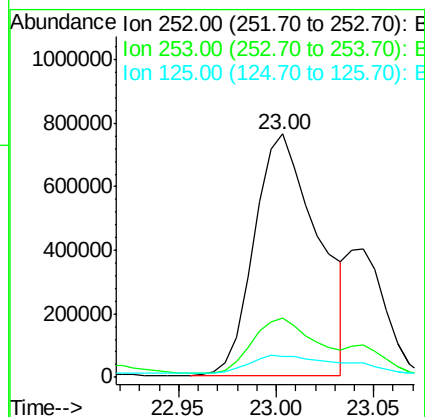
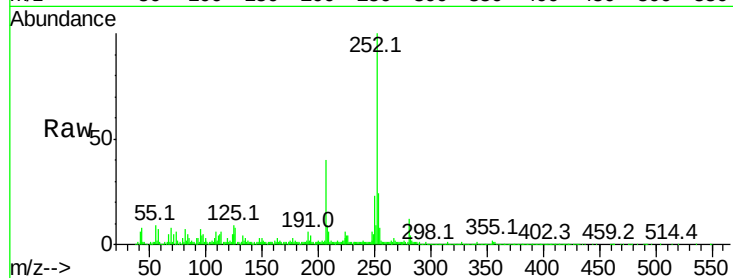
ClientSampled :

B-36(0-1)-100417

Tot Ion:	252	Resp:	1716330
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.9	26.9
125	8.8	3.6	5.4#

Manual Integrations
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11/1/2017 4:58:23 PM



#86

Benzo(k)fluoranthene

Concen: 3.792 ng/ul m

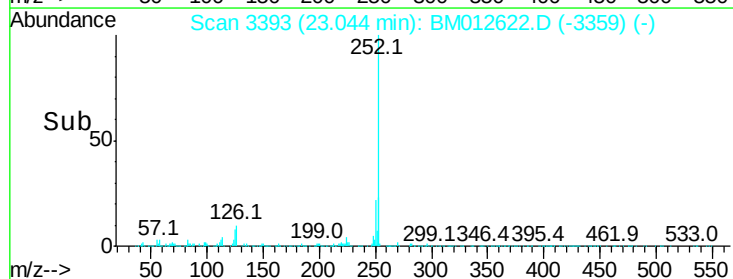
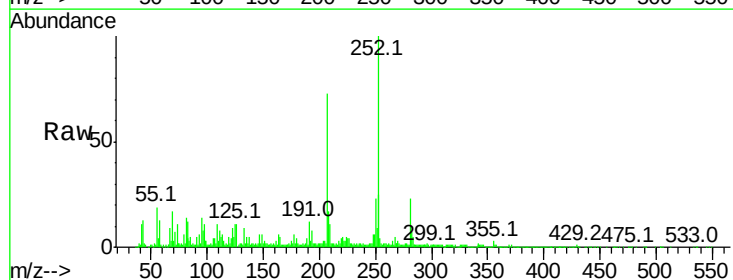
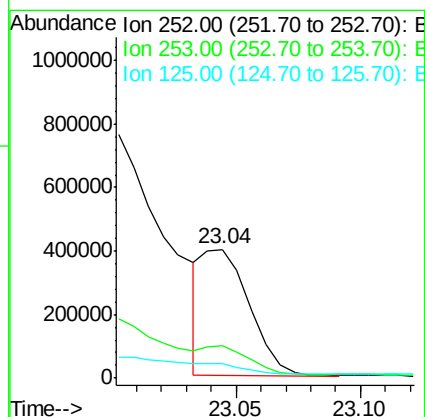
RT: 23.04 min Scan# 3393

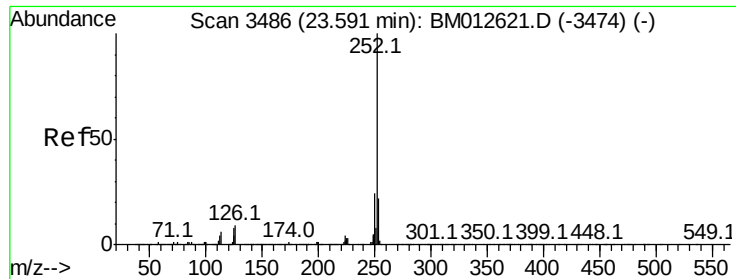
Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Tgt Ion:	252	Resp:	519791
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	11.1	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 7.821 ng/ul

RT: 23.59 min Scan# 3486

Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Instrument :

BNA_M

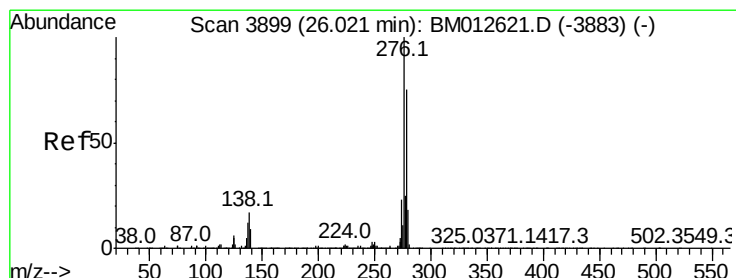
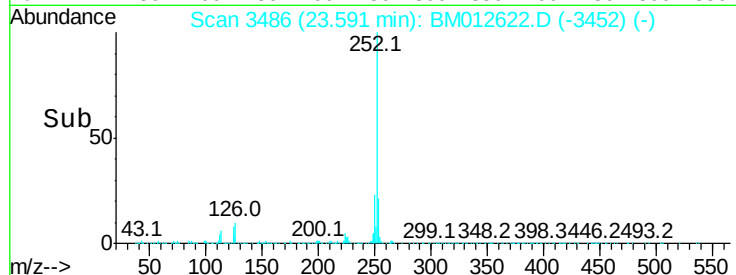
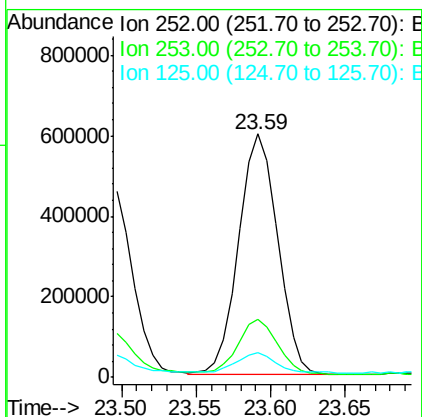
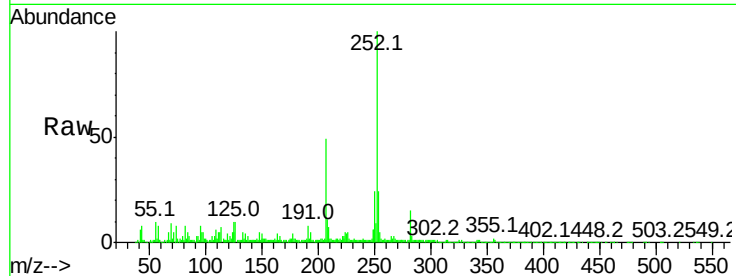
ClientSampleId :

B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	10.1	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 6.031 ng/ul

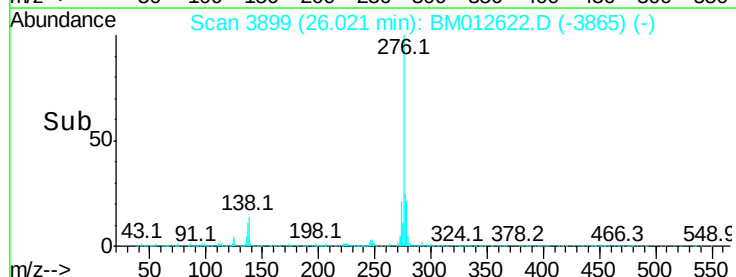
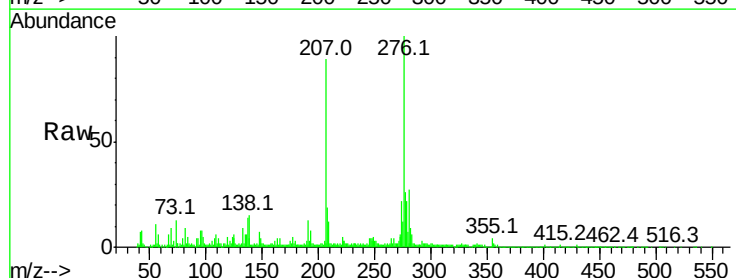
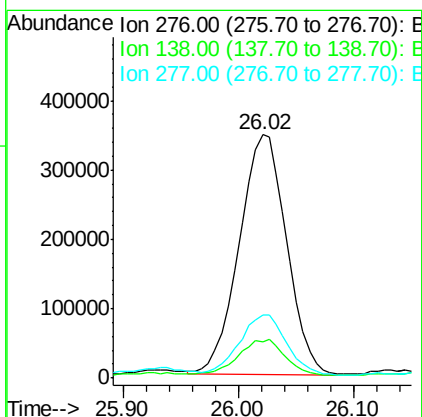
RT: 26.02 min Scan# 3899

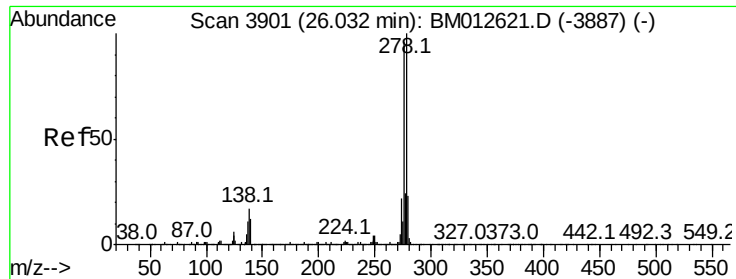
Delta R.T. -0.00 min

Lab File: BM012622.D

Acq: 01 Nov 2017 03:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.3	13.9#
277	26.1	19.9	29.9





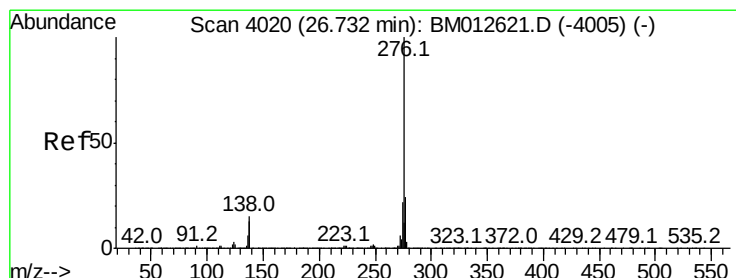
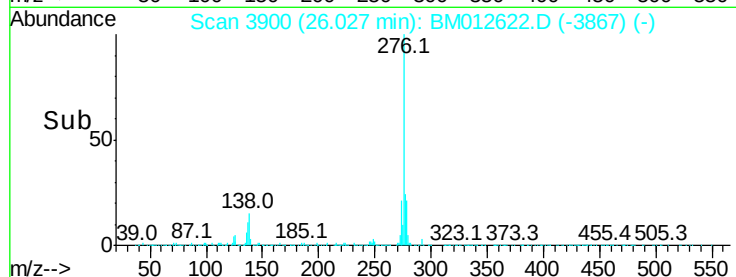
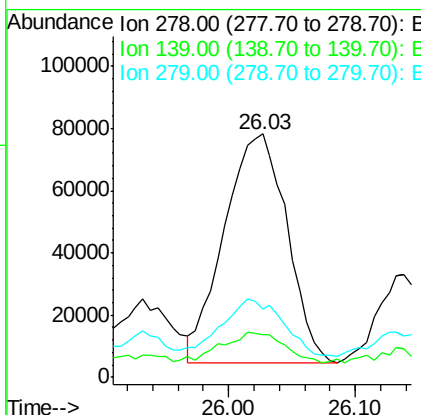
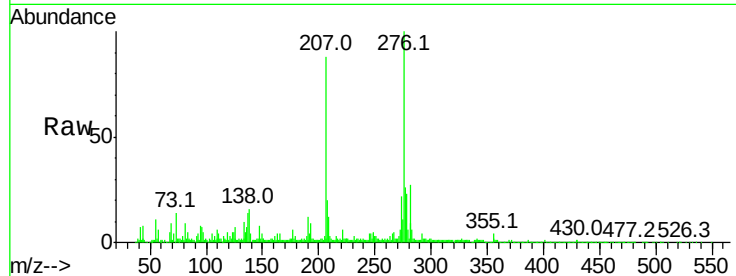
#90
Dibenzo(a,h)anthracene
Concen: 1.832 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM012622.D
Acq: 01 Nov 2017 03:09

Instrument :
BNA_M
ClientSampled :
B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	5.8	8.8#
279	28.2	18.6	27.8#

Manual Integrations
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Sohil
11/1/2017 4:58:23 PM



#91
Benzo(g,h,i)perylene
Concen: 7.326 ng/ul
RT: 26.74 min Scan# 4021
Delta R.T. 0.01 min
Lab File: BM012622.D
Acq: 01 Nov 2017 03:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	8.5	12.7#
277	24.1	18.6	28.0

