

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
 Data File : BM012129.D
 Acq On : 13 Oct 2017 09:27
 Operator : SJ/JU
 Sample : I5568-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-51(5-7)-092817

Manual Integrations
 APPROVED

Sohil
 6/22/2018 4:49:04 PM

Quant Time: Oct 24 05:25:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	320133	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1386238	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	831796	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.26	188	1729764	20.00	ng/ul	0.03
75) Chrysene-d12	21.44	240	1774331	20.00	ng/ul	0.04
83) Perylene-d12	23.78	264	1772707	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	24355	3.62	ng/uL	0.00
5) Phenol-d5	7.03	99	562084	21.64	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.17	67	386179	24.79	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	421375	19.13	ng/ul	0.03
13) 4-Methylphenol-d8	8.57	113	456532	20.41	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	272583	25.77	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	122579	9.92	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.29	165	347868	14.74	ng/ul	0.04
29) 4-Chloroaniline-d4	10.80	131	580532	26.28	ng/ul	0.02
43) Dimethylphthalate-d6	13.91	166	1804279	24.54	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	2208605	24.82	ng/ul	0.03
51) 4-Nitrophenol-d4	14.70	143	146	0.01	ng/ul	0.02
57) Fluorene-d10	15.50	176	1509146	25.01	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.64	200	42	0.00	ng/ul	0.04
70) Anthracene-d10	17.36	188	2122395	24.81	ng/ul	0.04
76) Pyrene-d10	19.65	212	2146573	23.83	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.63	264	2085081	24.40	ng/ul	0.06

Target Compounds

					Ovalue	
6) Phenol	7.05	94	39478	1.47	ng/ul#	71
28) Naphthalene	10.71	128	431231	6.01	ng/ul#	96
34) 2-Methylnaphthalene	12.32	142	151605	2.80	ng/ul	95
40) 1,1'-Biphenyl	13.33	154	329984	4.70	ng/ul	99
47) Acenaphthylene	14.23	152	195766	2.24	ng/ul	100
69) Phenanthrene	17.30	178	764802	7.77	ng/ul	99
71) Anthracene	17.39	178	287303	2.82	ng/ul	96
74) Fluoranthene	19.32	202	2054212	17.30	ng/ul#	92
77) Pyrene	19.68	202	2585101	22.06	ng/ul#	90
80) Benzo(a)anthracene	21.42	228	1333420	11.55	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.32	149	108712	1.39	ng/ul#	92
82) Chrysene	21.47	228	1221772	11.27	ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	1342049	11.60	ng/ul#	91
86) Benzo(k)fluoranthene	23.11	252	395697m	3.55	ng/ul	
88) Benzo(a)pyrene	23.68	252	1002994	9.20	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.19	276	546171	4.72	ng/ul#	88
91) Benzo(g,h,i)perylene	26.93	276	473751	5.00	ng/ul#	83

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

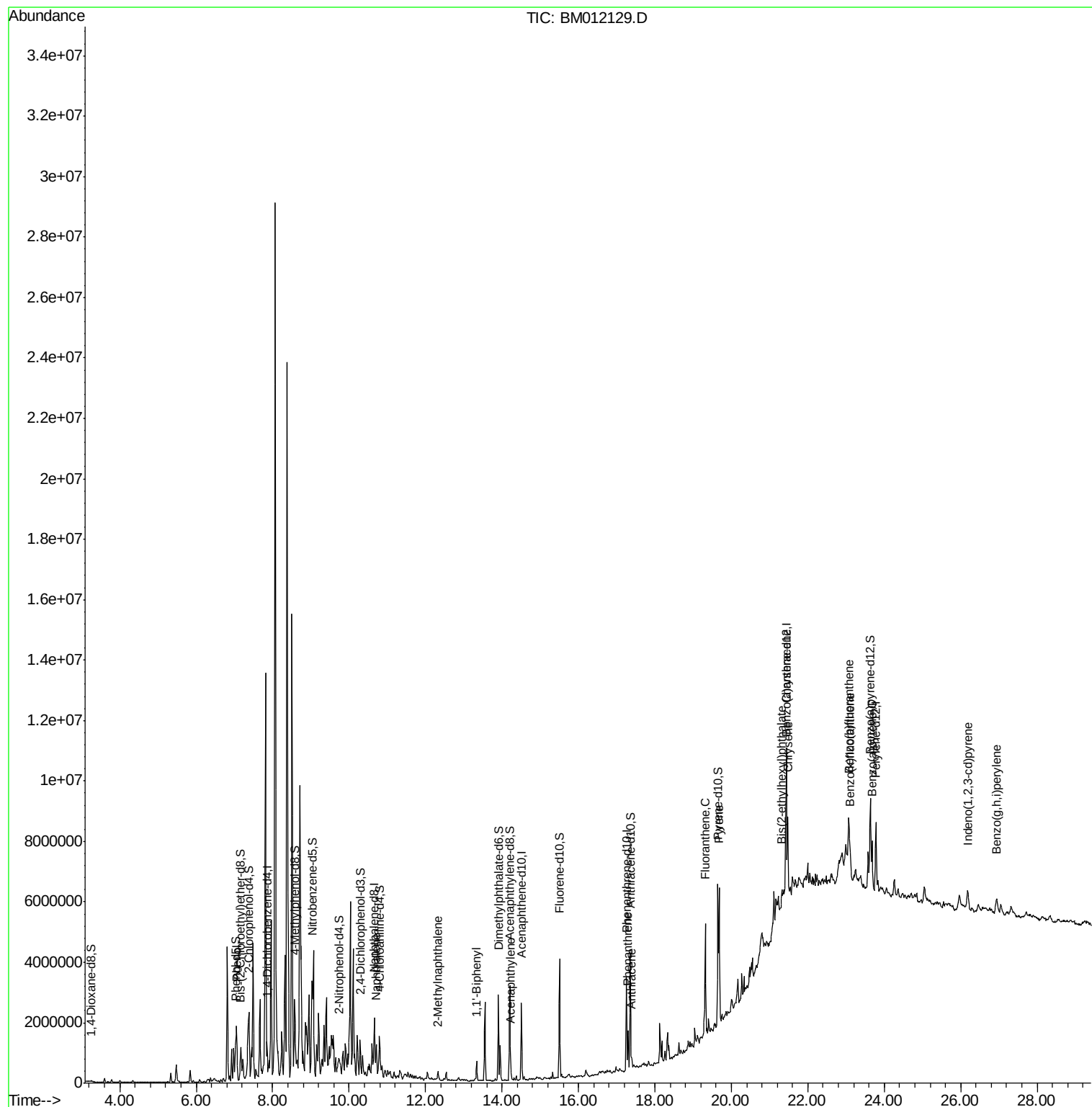
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012129.D
Acq On : 13 Oct 2017 09:27
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Sample : I5568-03
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ALS Vial : 29 Sample Multiplier: 1

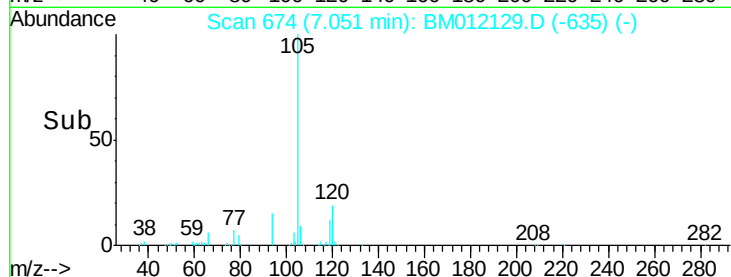
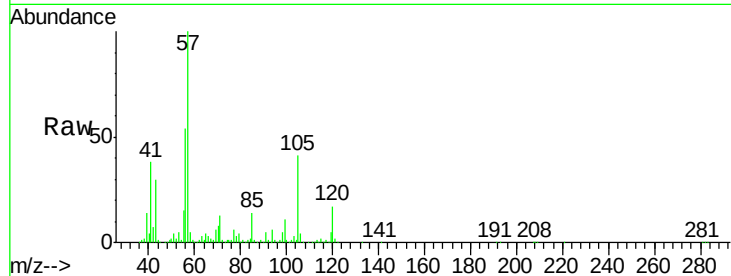
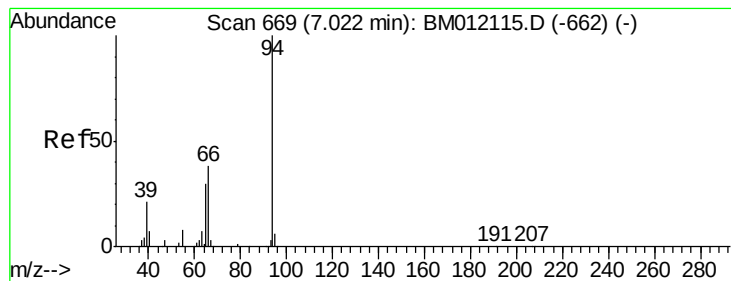
Instrument :
BNA_M
ClientSampled :
B-51(5-7)-092817

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Quant Time: Oct 24 05:25:01 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.47 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.03 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Tot Ion:	94	Resp:	39478
Ion Ratio	Lower	Upper	
94	100		
65	73.9	28.2	42.4#
66	54.5	47.2	70.8

Instrument :

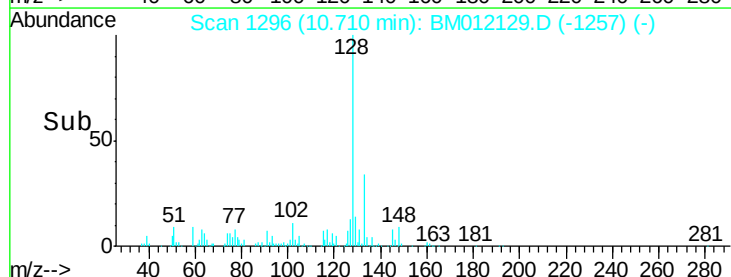
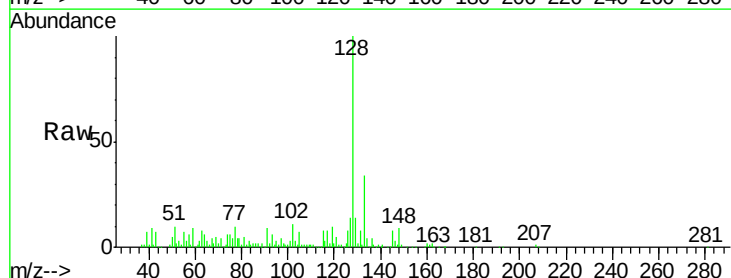
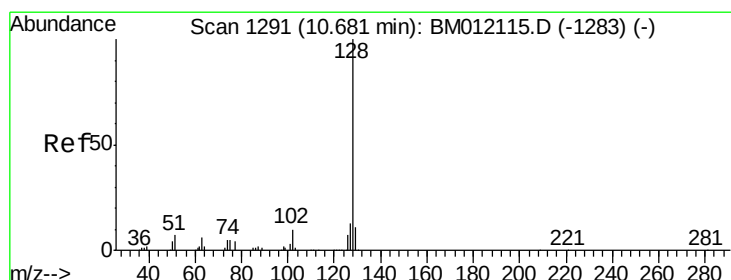
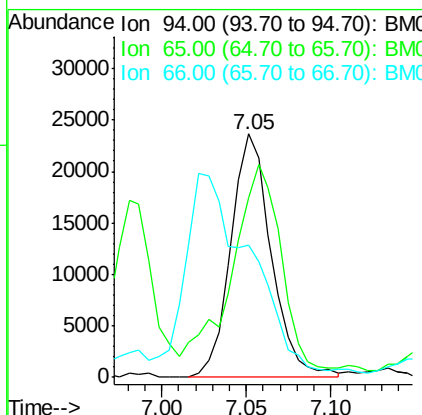
BNA_M

ClientSampleId :

B-51(5-7)-092817

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#28

Naphthalene

Concen: 6.01 ng/ul

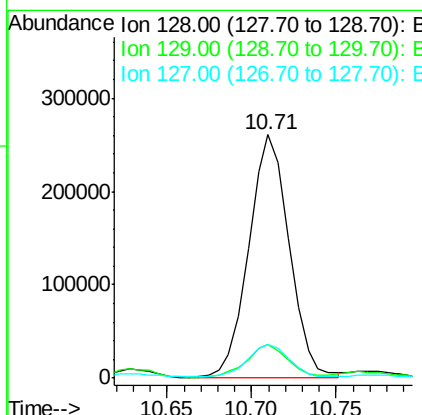
RT: 10.71 min Scan# 1296

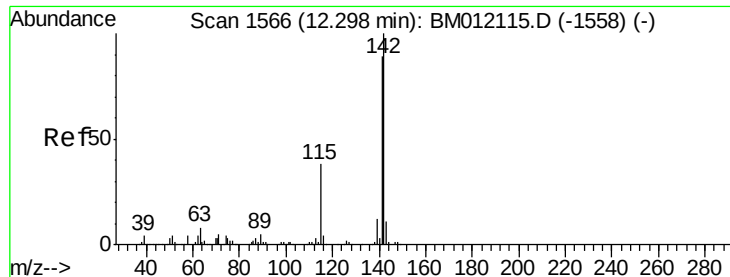
Delta R.T. 0.03 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Tgt Ion:	128	Resp:	431231
Ion Ratio	Lower	Upper	
128	100		
129	13.9	8.8	13.2#
127	13.7	10.6	16.0





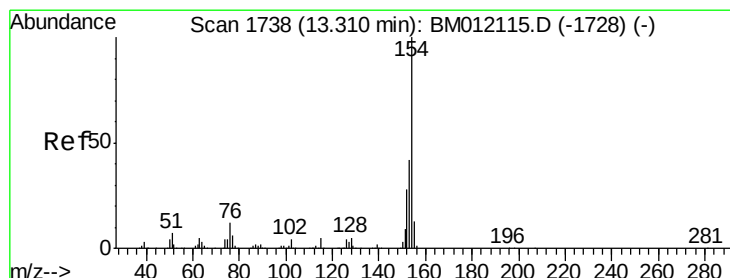
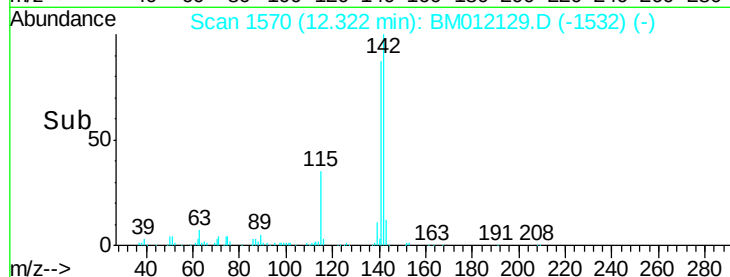
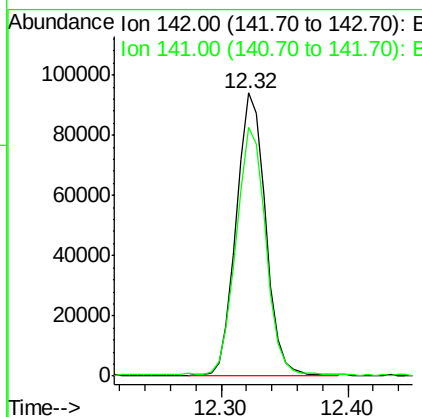
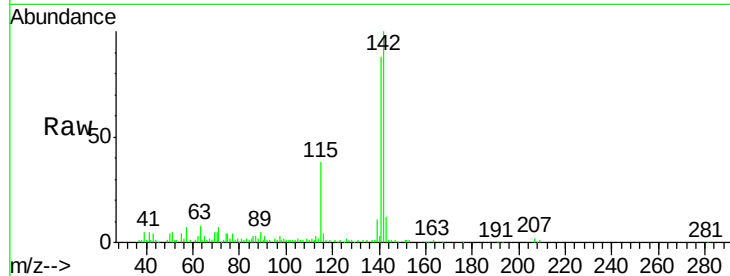
#34
 2-Methylnaphthalene
 Concen: 2.80 ng/ul
 RT: 12.32 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BM012129.D
 Acq: 13 Oct 2017 09:27

Instrument :
 BNA_M
 ClientSampleId :
 B-51(5-7)-092817

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.1	111.1

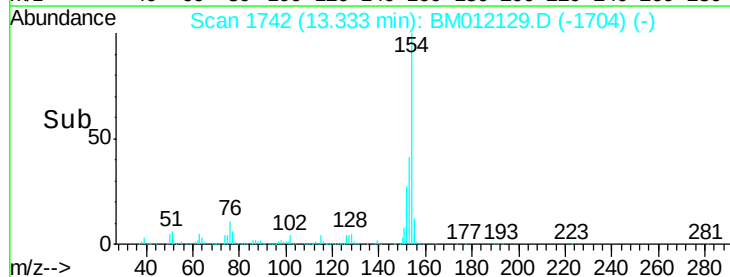
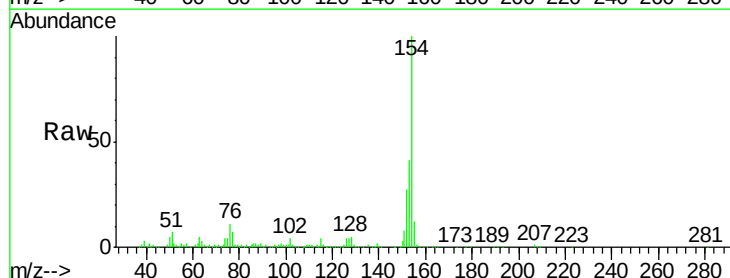
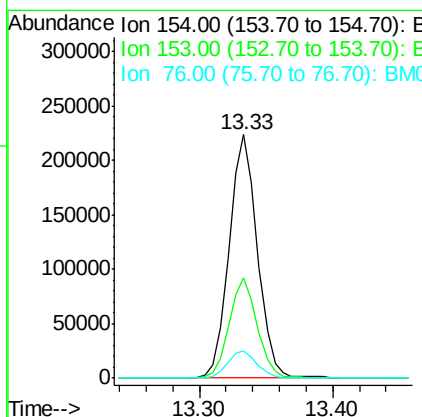
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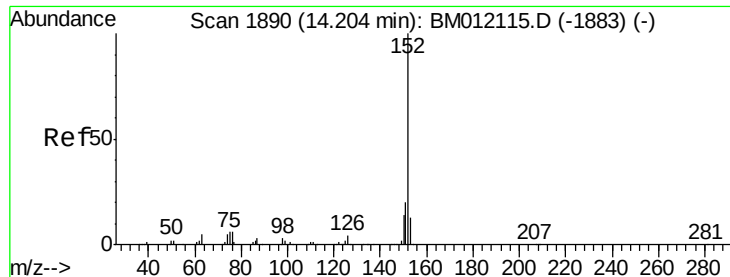
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#40
 1,1'-Biphenyl
 Concen: 4.70 ng/ul
 RT: 13.33 min Scan# 1742
 Delta R.T. 0.02 min
 Lab File: BM012129.D
 Acq: 13 Oct 2017 09:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	48.8
76	11.3	8.5	12.7





#47

Acenaphthylene

Concen: 2.24 ng/ul

RT: 14.23 min Scan# 1895

Delta R.T. 0.03 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Instrument :

BNA_M

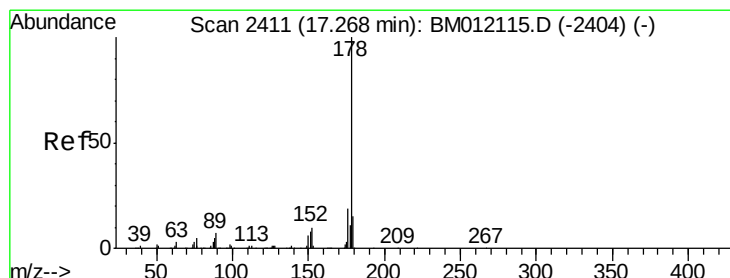
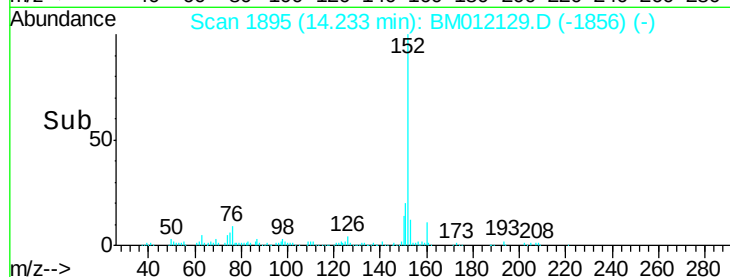
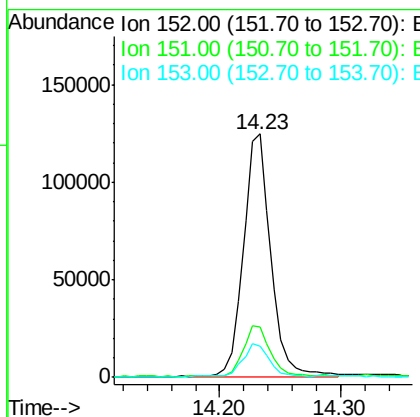
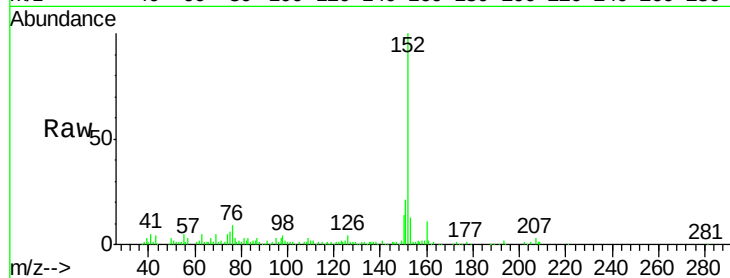
ClientSampleId :

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Tot Ion:	152	Resp:	195766
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	12.7	10.2	15.4

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#69

Phenanthrene

Concen: 7.77 ng/ul

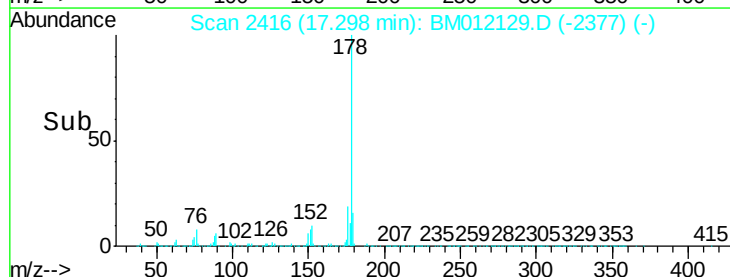
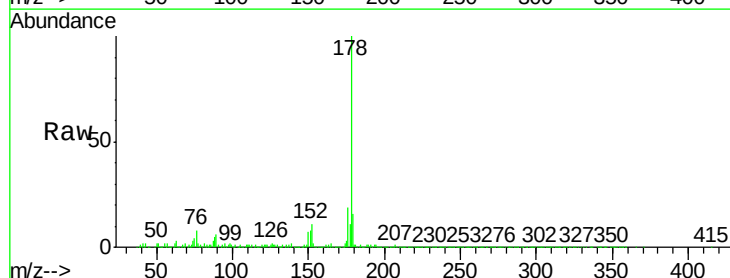
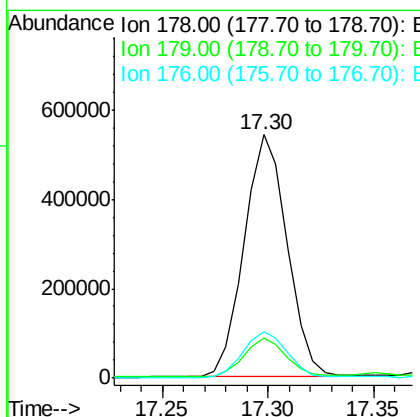
RT: 17.30 min Scan# 2416

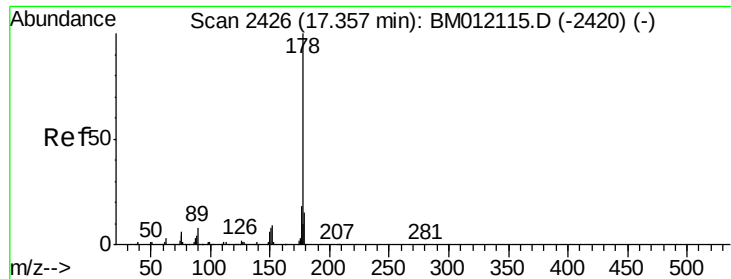
Delta R.T. 0.03 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Tgt Ion:	178	Resp:	764802
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	19.0
176	18.9	14.9	22.3





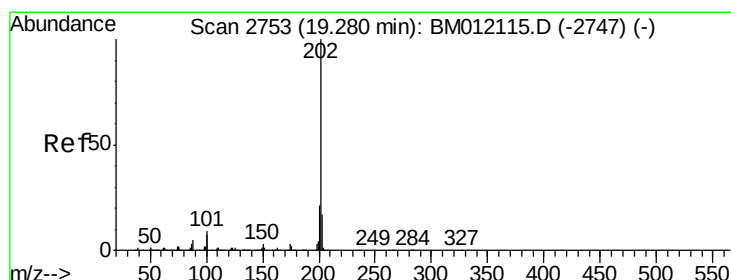
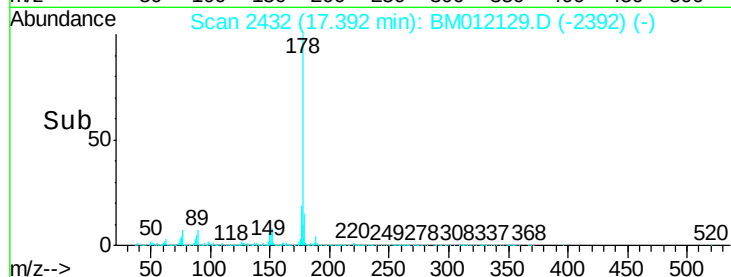
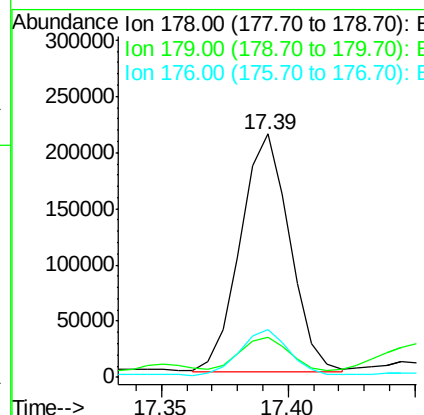
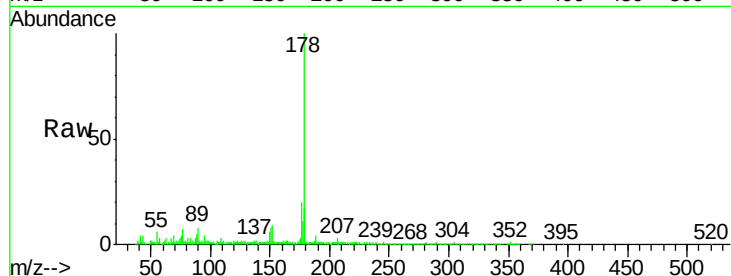
#71
 Anthracene
 Concen: 2.82 ng/ul
 RT: 17.39 min Scan# 2432
 Delta R.T. 0.04 min
 Lab File: BM012129.D
 Acq: 13 Oct 2017 09:27

Instrument :
 BNA_M
 ClientSampleId :
 B-51(5-7)-092817

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	19.6	14.6	21.8

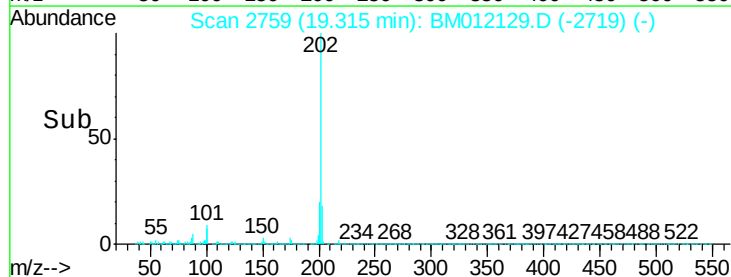
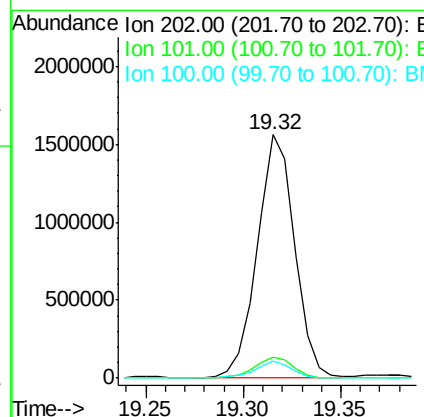
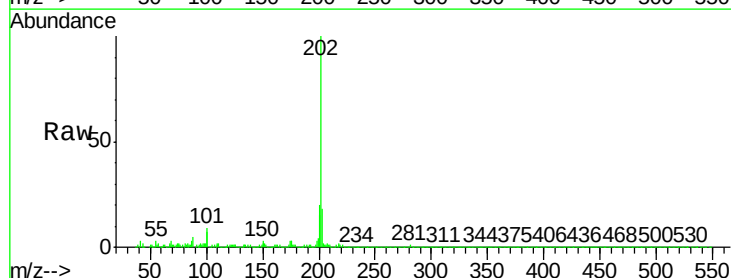
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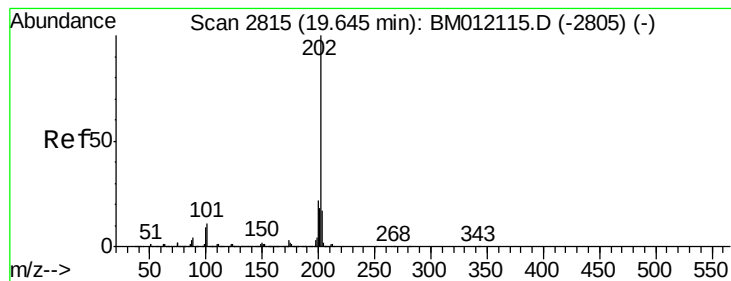
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#74
 Fluoranthene
 Concen: 17.30 ng/ul
 RT: 19.32 min Scan# 2759
 Delta R.T. 0.04 min
 Lab File: BM012129.D
 Acq: 13 Oct 2017 09:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.9	3.4	5.2#





#77

Pvrene

Concen: 22.06 ng/ul

RT: 19.68 min Scan# 2821

Delta R.T. 0.04 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Instrument :

BNA_M

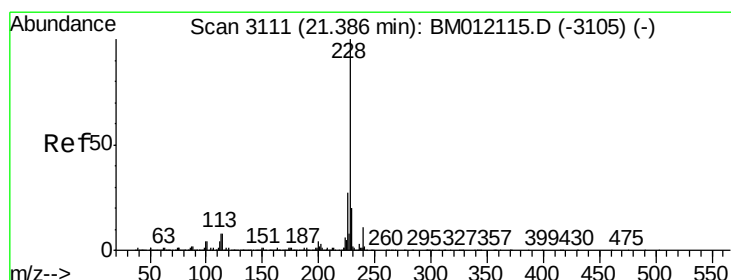
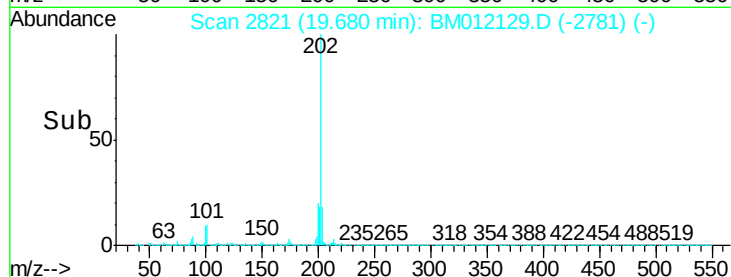
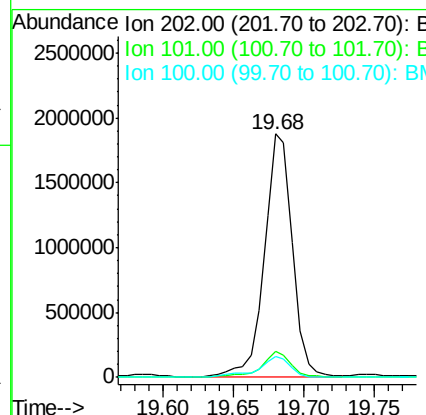
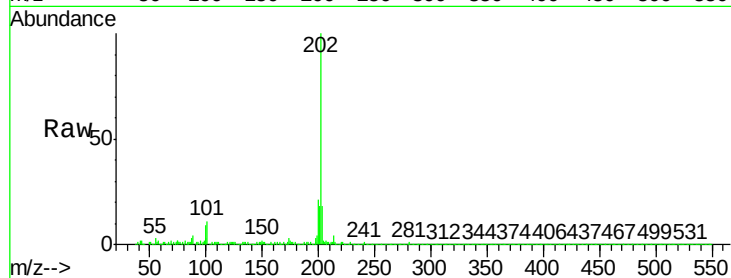
ClientSampleId :

B-51(5-7)-092817

Tot Ion:	202	Resp:	2585101
Ion Ratio	Lower	Upper	
202	100		
101	10.5	5.1	7.7#
100	8.8	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 11.55 ng/ul

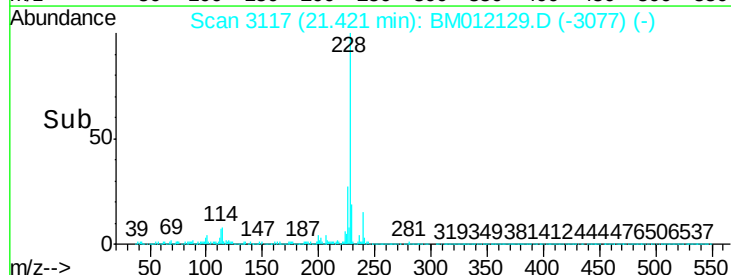
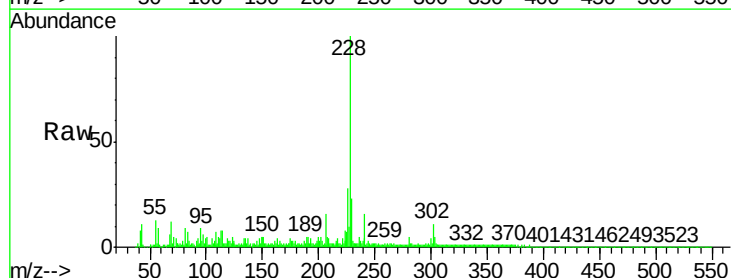
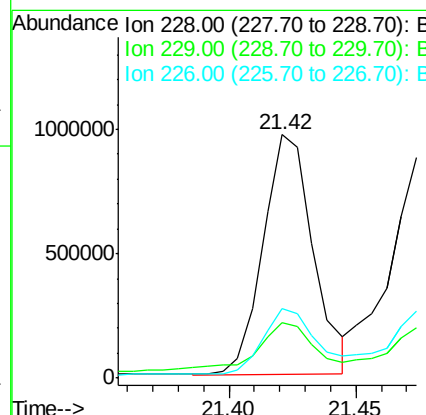
RT: 21.42 min Scan# 3117

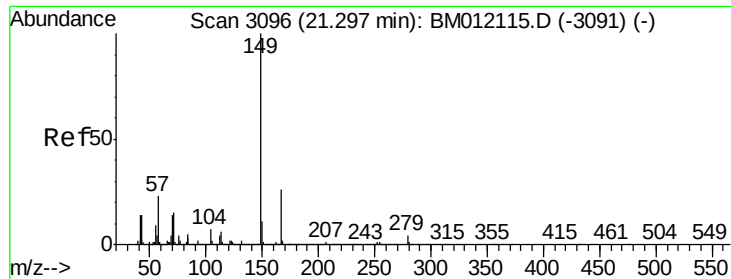
Delta R.T. 0.04 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Tgt Ion:	228	Resp:	1333420
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.4	23.0
226	28.3	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.39 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.02 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Instrument :

BNA_M

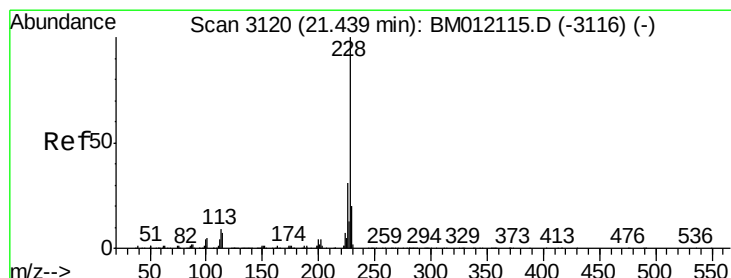
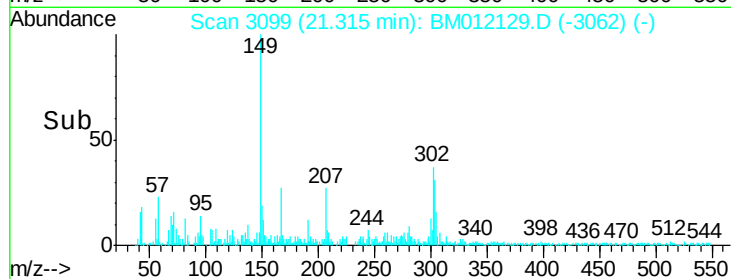
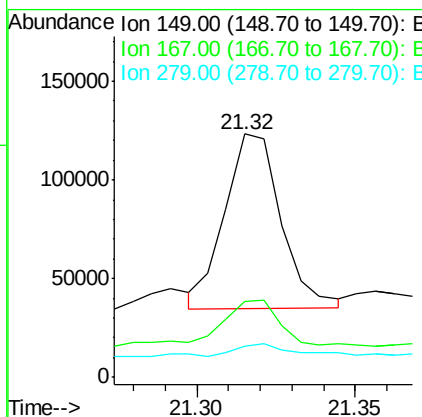
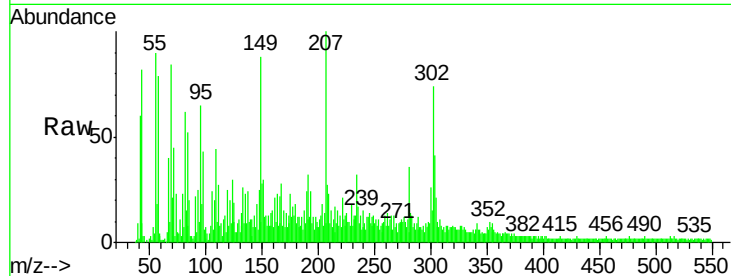
ClientSampleId :

B-51(5-7)-092817

Tot Ion:	149	Resp:	108712
Ion Ratio	Lower	Upper	
149	100		
167	31.2	22.8	34.2
279	12.5	4.9	7.3#

Manual Integrations
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#82

Chrysene

Concen: 11.27 ng/ul

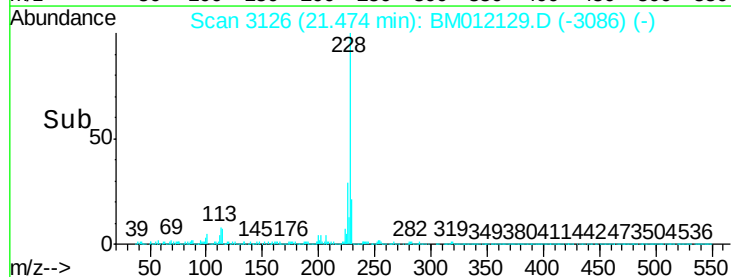
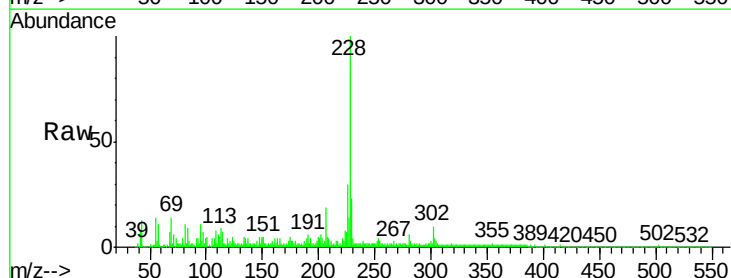
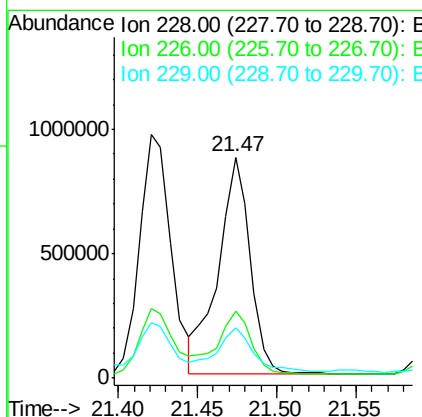
RT: 21.47 min Scan# 3126

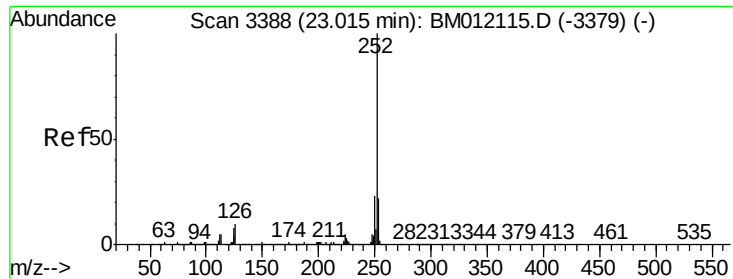
Delta R.T. 0.04 min

Lab File: BM012129.D

Acq: 13 Oct 2017 09:27

Tgt Ion:	228	Resp:	1221772
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.2
229	23.0	15.5	23.3





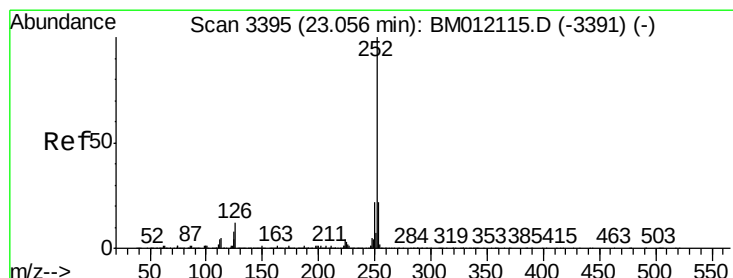
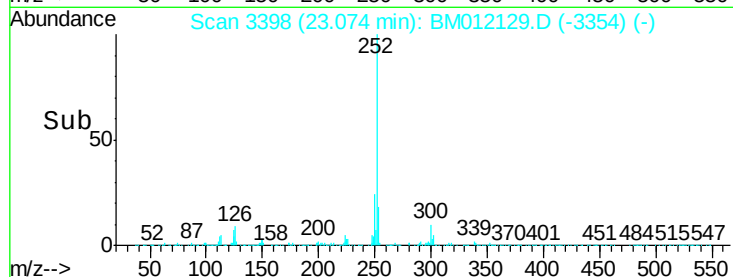
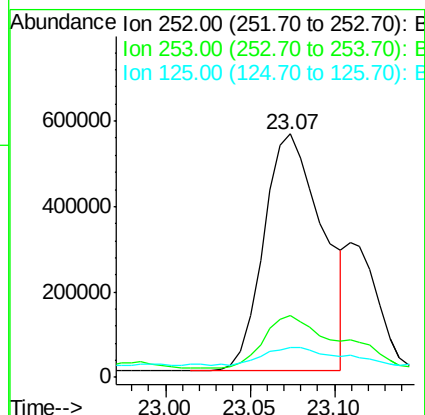
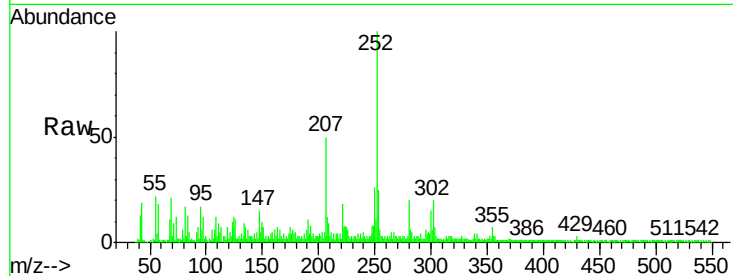
#85
Benzo(b)fluoranthene
Concen: 11.60 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.06 min
Lab File: BM012129.D
Acq: 13 Oct 2017 09:27

Instrument :
BNA_M
ClientSampleId :
B-51(5-7)-092817

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	12.1	3.6	5.4

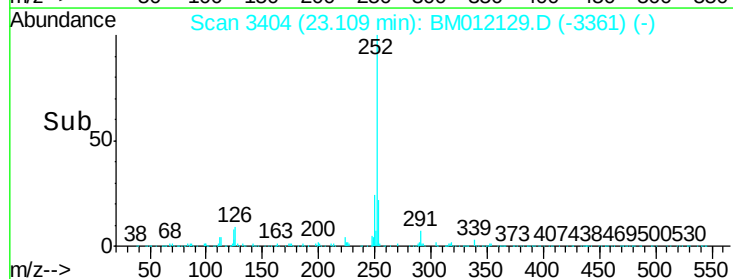
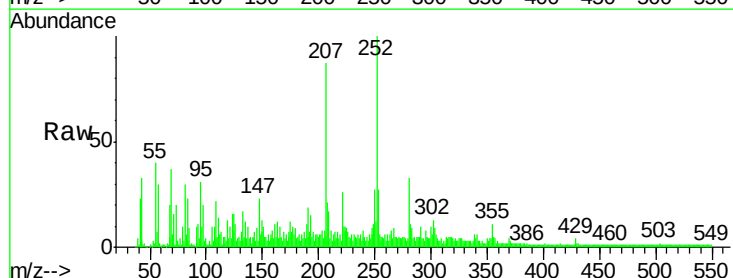
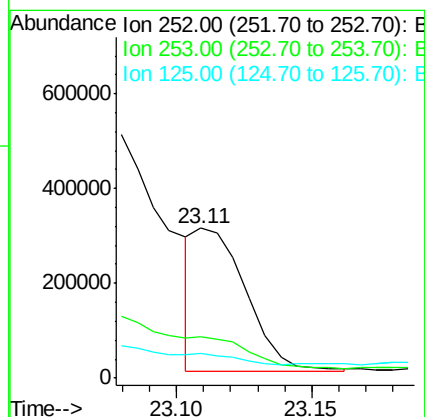
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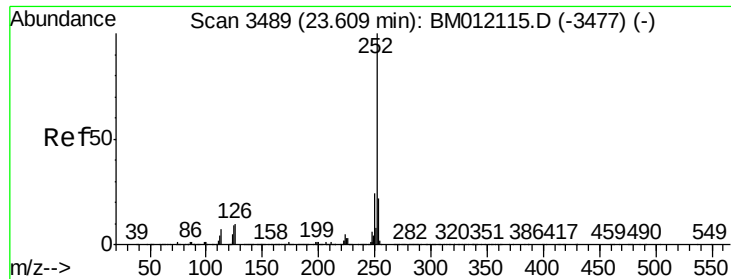
Sohil
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#86
Benzo(k)fluoranthene
Concen: 3.55 ng/ul m
RT: 23.11 min Scan# 3404
Delta R.T. 0.05 min
Lab File: BM012129.D
Acq: 13 Oct 2017 09:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.1	25.7
125	16.3	3.4	5.2





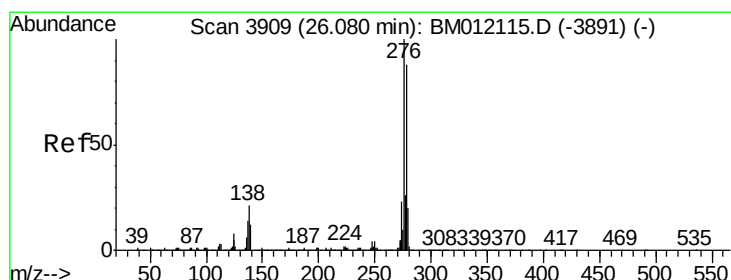
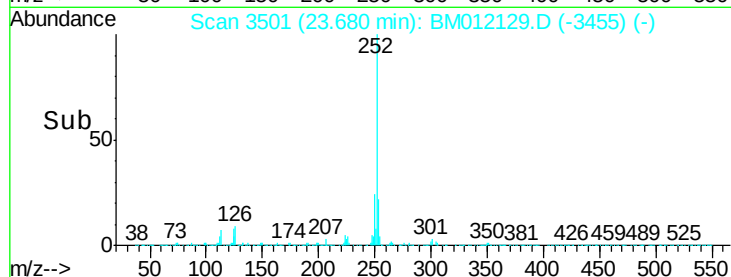
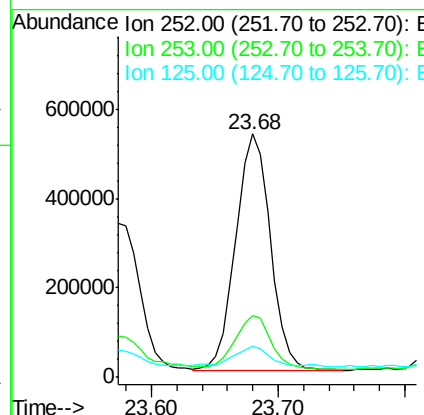
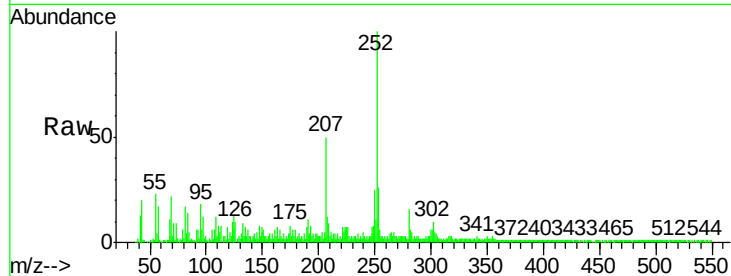
#88
Benzo(a)pyrene
Concen: 9.20 ng/ul
RT: 23.68 min Scan# 3501
Delta R.T. 0.07 min
Lab File: BM012129.D
Acq: 13 Oct 2017 09:27

Instrument :
BNA_M
ClientSampleId :
B-51(5-7)-092817

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	12.8	4.0	6.0

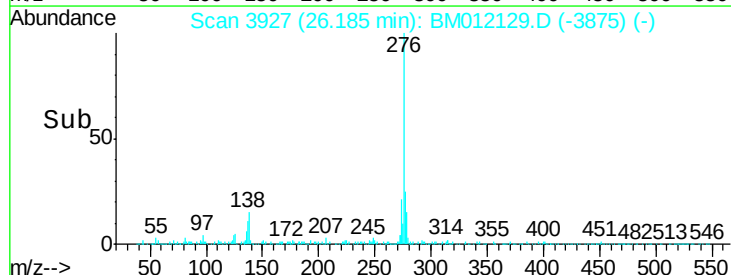
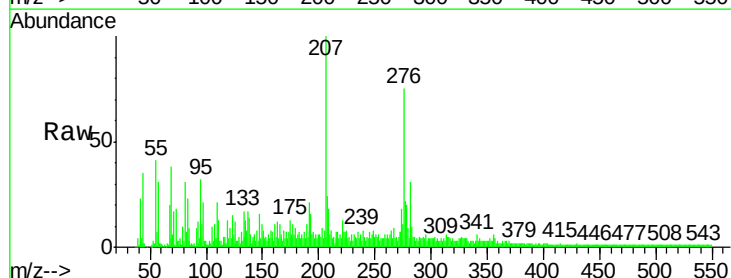
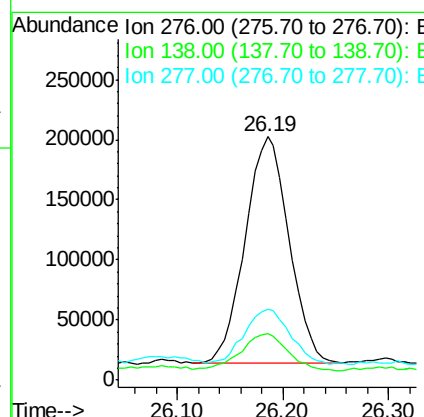
Manual Integrations
APPROVED

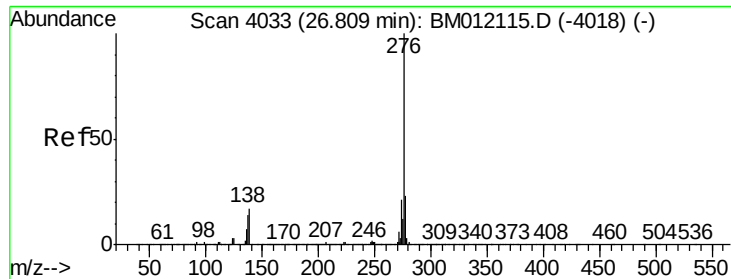
Sohil
6/22/2018 4:49:04 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 4.72 ng/ul
RT: 26.19 min Scan# 3927
Delta R.T. 0.11 min
Lab File: BM012129.D
Acq: 13 Oct 2017 09:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	9.3	13.9
277	29.2	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 5.00 ng/ul
 RT: 26.93 min Scan# 4054
 Delta R.T. 0.12 min
 Lab File: BM012129.D
 Acq: 13 Oct 2017 09:27

Instrument :
 BNA_M
 ClientSampleId :
 B-51(5-7)-092817

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	8.5	12.7#
277	30.7	18.6	28.0#

Manual Integrations
 APPROVED

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