

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012057.D
 Acq On : 11 Oct 2017 00:13
 Operator : SJ/JU
 Sample : I5669-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3K0

Manual Integrations
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Sohil
 10/11/2017 7:29:28 PM

Quant Time: Oct 11 03:10:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	221326	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	991849	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	606417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1460712	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1890107	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1912115	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	8698	1.86	ng/uL	0.00
5) Phenol-d5	7.00	99	153552	8.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	168713	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	174495	11.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	137798	8.37	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	107243	15.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	61829	7.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	137158	8.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	21244m	1.21	ng/ul	0.02
43) Dimethylphthalate-d6	13.89	166	587479	11.18	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1013354	16.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.82	143	406	0.04	ng/ul	0.12
57) Fluorene-d10	15.48	176	751183	16.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	9708	0.99	ng/ul	0.00
70) Anthracene-d10	17.33	188	1178456	16.37	ng/ul	0.00
76) Pyrene-d10	19.63	212	1520138	17.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1555321	16.91	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.94	163	189884	3.755	ng/ul	98
49) Acenaphthene	14.55	153	51473	1.242	ng/ul	95
58) Fluorene	15.54	166	62089	1.236	ng/ul	96
69) Phenanthrene	17.27	178	1138820	14.173	ng/ul	99
71) Anthracene	17.37	178	238837	2.921	ng/ul	99
74) Fluoranthene	19.29	202	1742453	17.774	ng/ul#	91
77) Pyrene	19.66	202	1531176	14.610	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	935040	8.635	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.31	149	317292m	5.195	ng/ul	
82) Chrysene	21.44	228	908693	8.832	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	1264936	10.884	ng/ul#	93
86) Benzo(k)fluoranthene	23.07	252	413951m	3.568	ng/ul	
88) Benzo(a)pyrene	23.62	252	782167	7.004	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	506291	4.236	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	137079	1.396	ng/ul#	88
91) Benzo(g,h,i)perylene	26.81	276	438230	4.433	ng/ul#	93

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

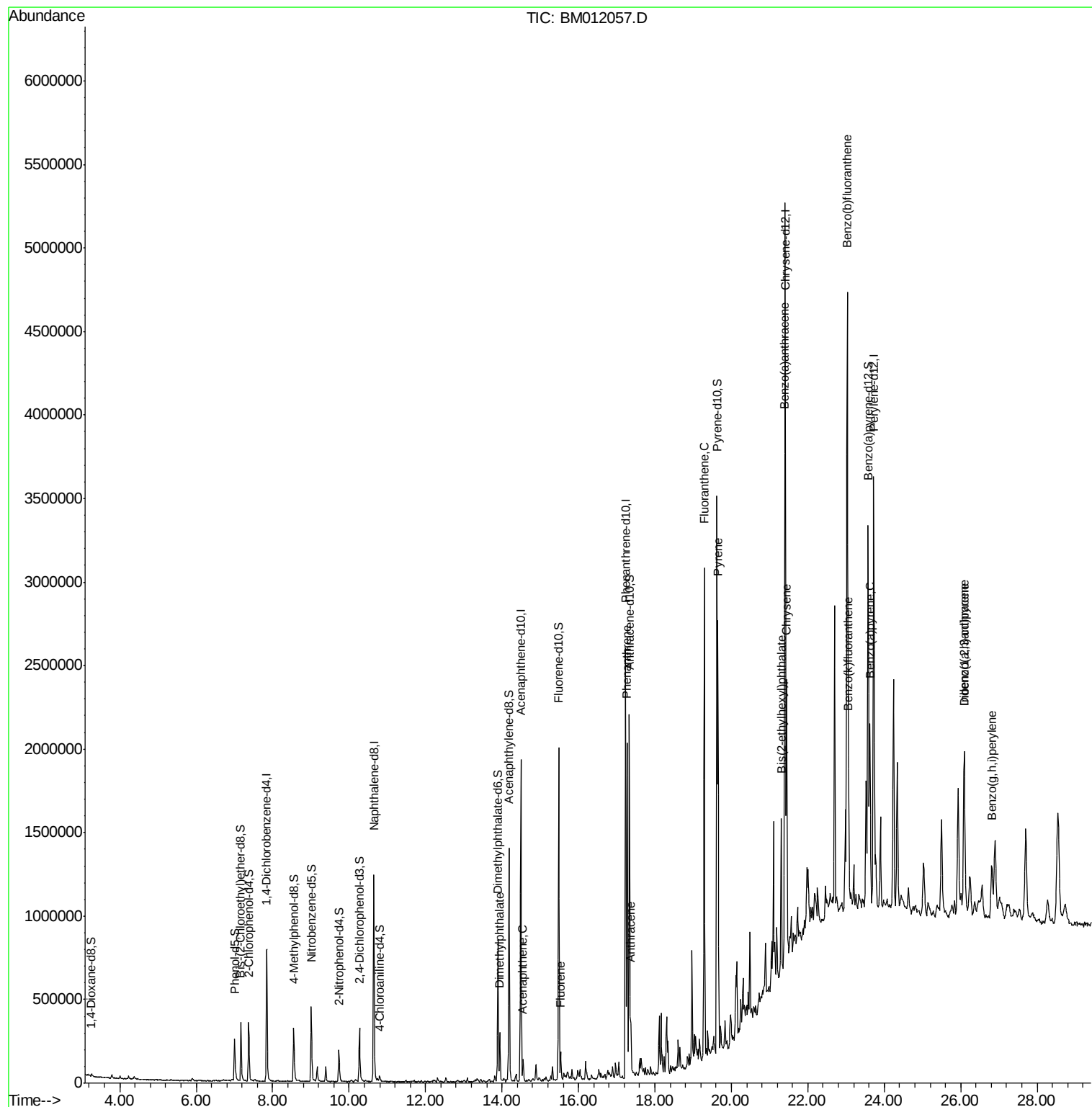
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012057.D
Acq On : 11 Oct 2017 00:13
Operator : SJ/JU
Sample : I5669-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

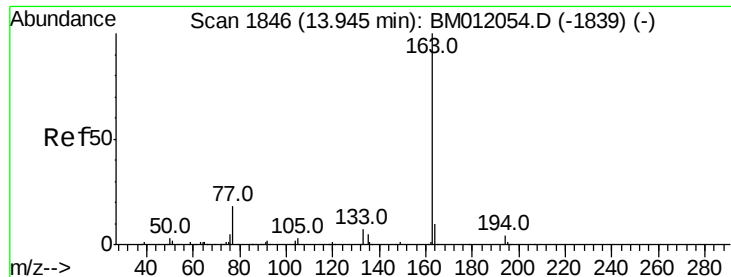
Instrument :
BNA_M
ClientSampleId :
CB3K0

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Quant Time: Oct 11 03:10:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration





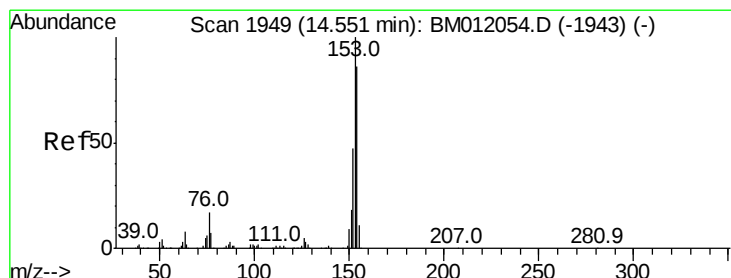
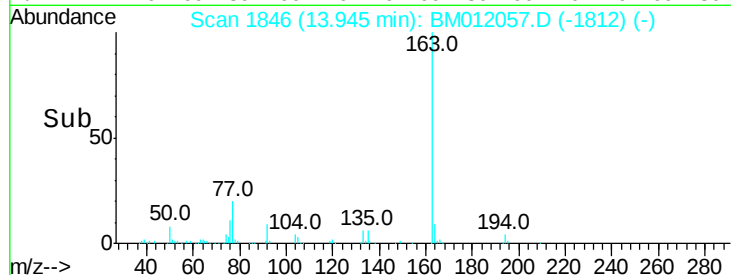
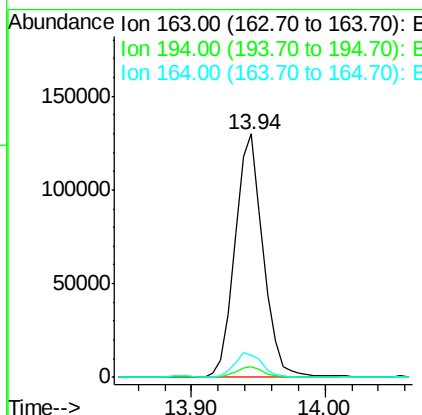
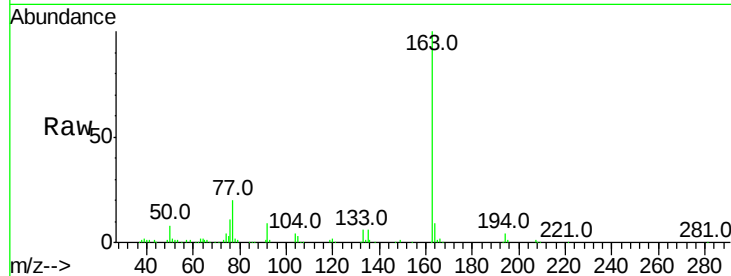
#44
Dimethylphthalate
Concen: 3.755 ng/ul
RT: 13.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Instrument :
BNA_M
ClientSampleId :
CB3K0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	189884		
194	4.4	3.5	5.3	
164	9.0	8.2	12.4	

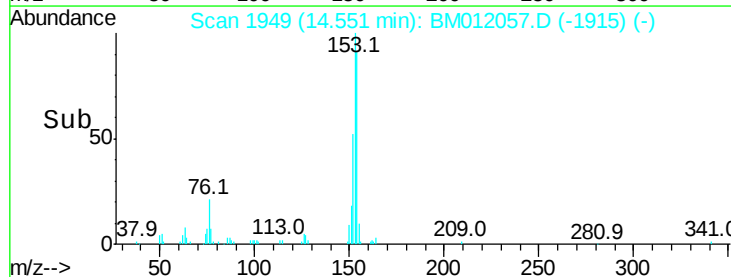
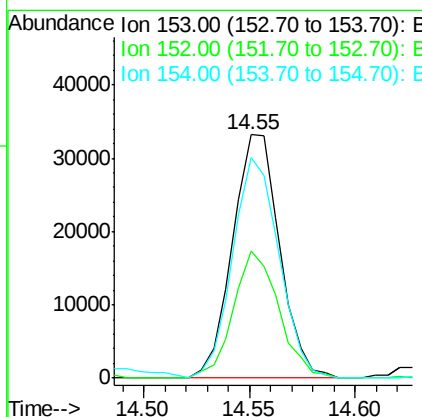
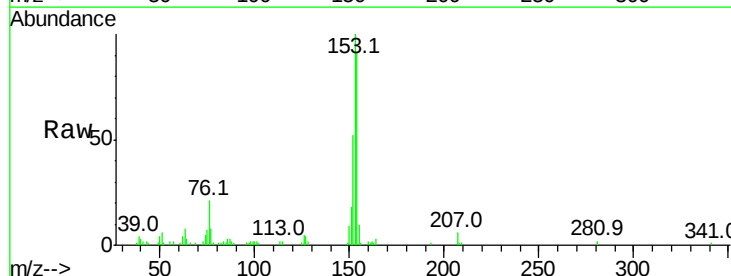
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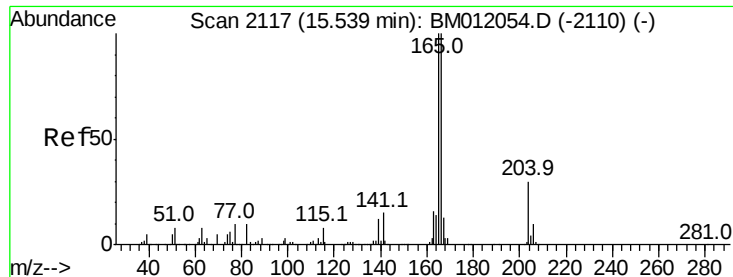
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#49
Acenaphthene
Concen: 1.242 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	51473		
152	52.4	37.6	56.4	
154	90.6	70.4	105.6	





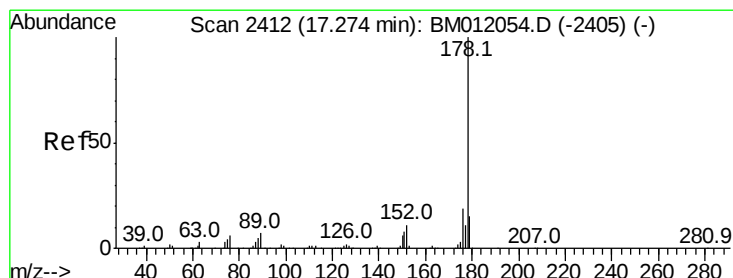
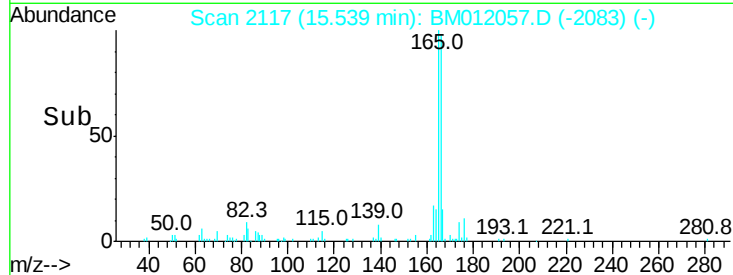
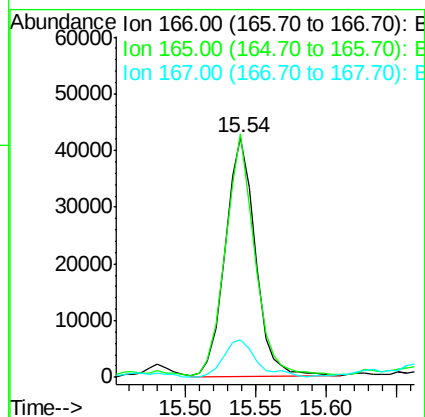
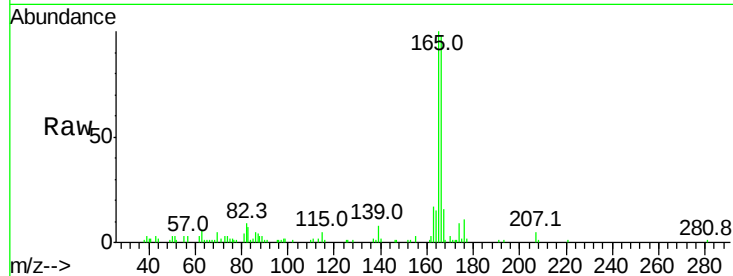
#58
Fluorene
Concen: 1.236 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Instrument :
BNA_M
ClientSampled :
CB3K0

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.9	116.9
167	15.8	10.6	16.0

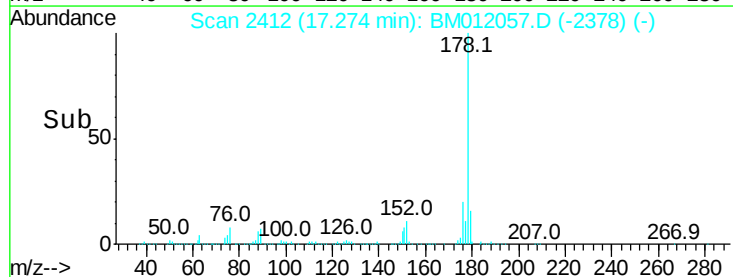
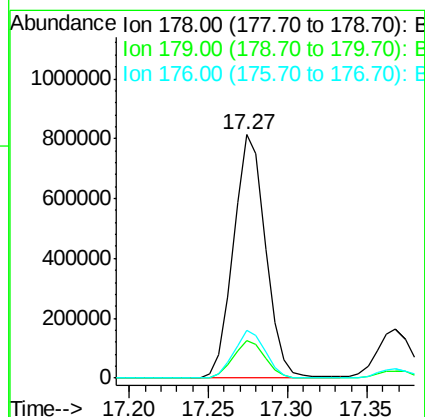
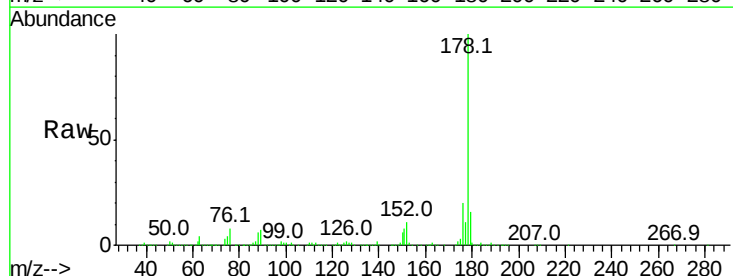
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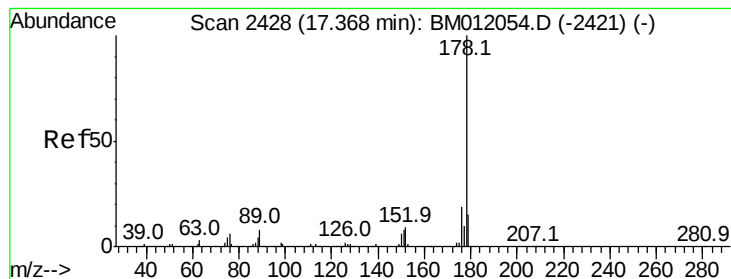
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#69
Phenanthrene
Concen: 14.173 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.6	14.9	22.3





#71

Anthracene

Concen: 2.921 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BM012057.D

Acq: 11 Oct 2017 00:13

Instrument :

BNA_M

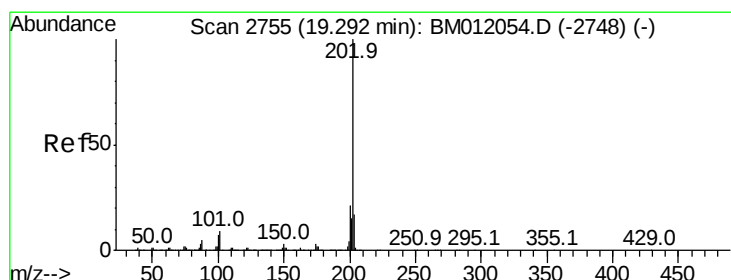
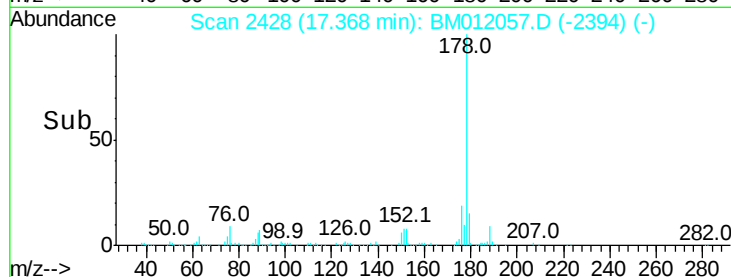
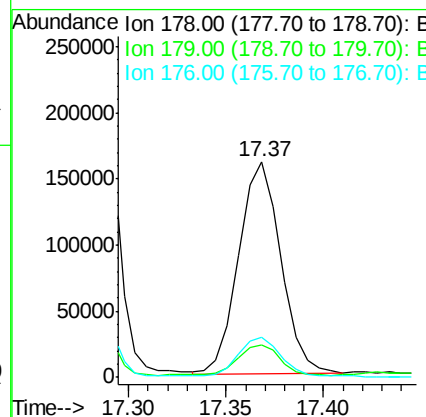
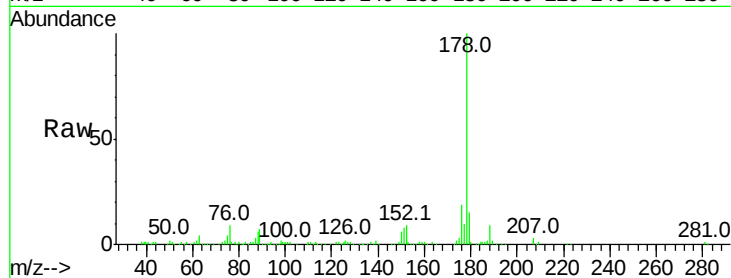
ClientSampled :

CB3K0

Tot Ion:	178	Resp:	238837
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.7	17.5
176	18.5	14.6	21.8

Manual Integrations
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#74

Fluoranthene

Concen: 17.774 ng/ul

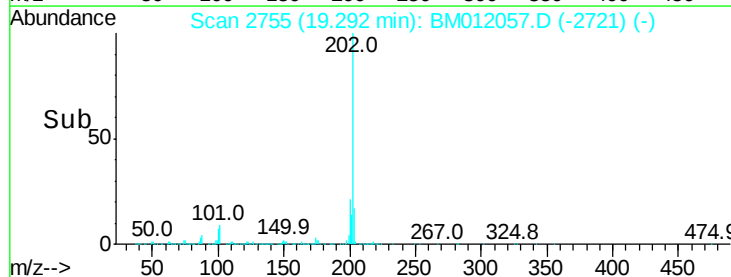
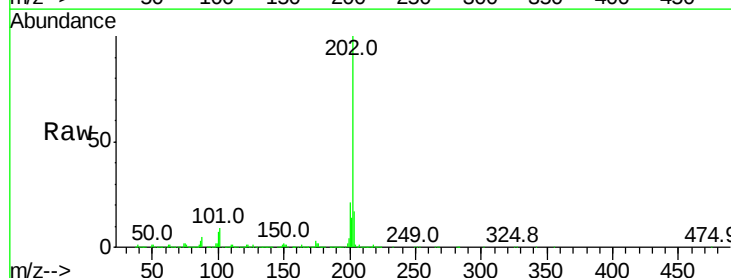
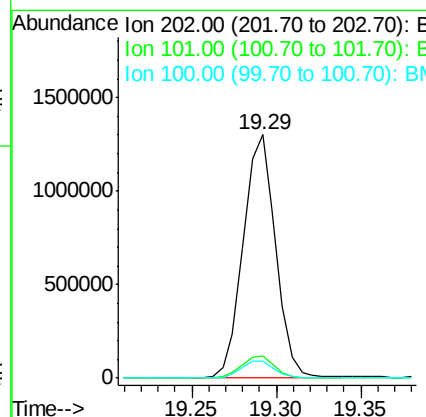
RT: 19.29 min Scan# 2755

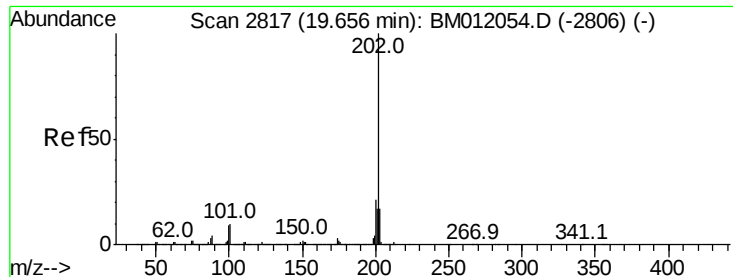
Delta R.T. -0.00 min

Lab File: BM012057.D

Acq: 11 Oct 2017 00:13

Tgt Ion:	202	Resp:	1742453
Ion Ratio	Lower	Upper	
202	100		
101	9.2	4.6	7.0#
100	6.9	3.4	5.2#





#77

Pvrene

Concen: 14.610 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM012057.D

Acq: 11 Oct 2017 00:13

Instrument :

BNA_M

ClientSampled :

CB3K0

Tot Ion:202 Resp: 1531176

Ion Ratio Lower Upper

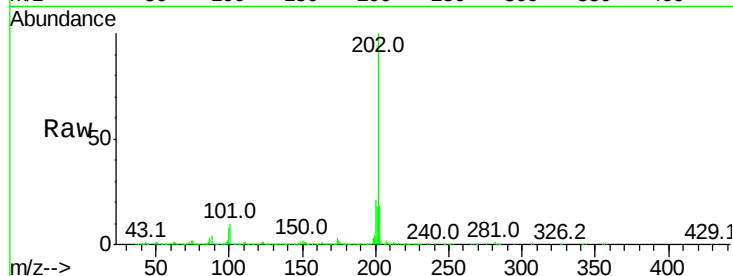
202 100

101 10.2 5.1 7.7#

100 8.4 4.9 7.3#

Manual Integrations
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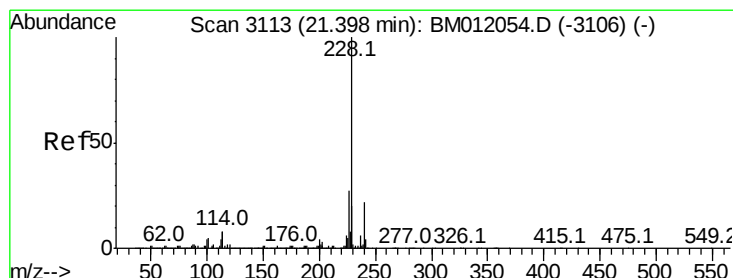
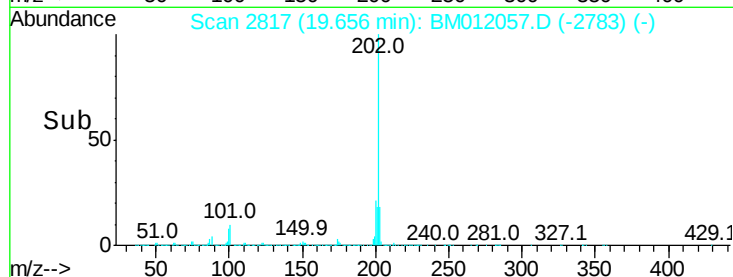
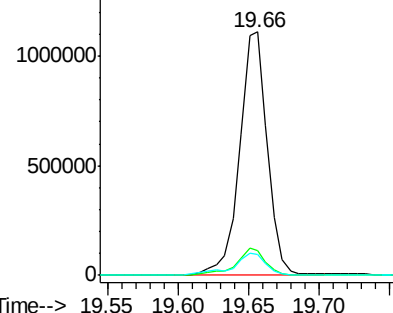
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 8.635 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012057.D

Acq: 11 Oct 2017 00:13

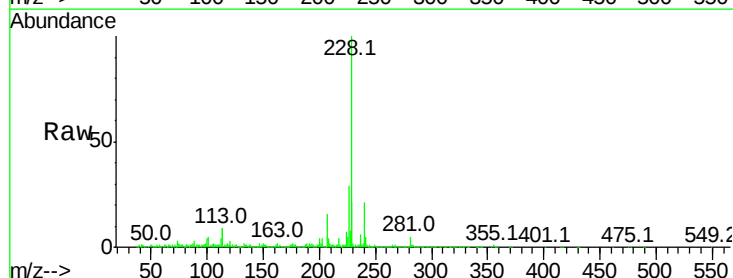
Tgt Ion:228 Resp: 935040

Ion Ratio Lower Upper

228 100

229 21.0 15.4 23.0

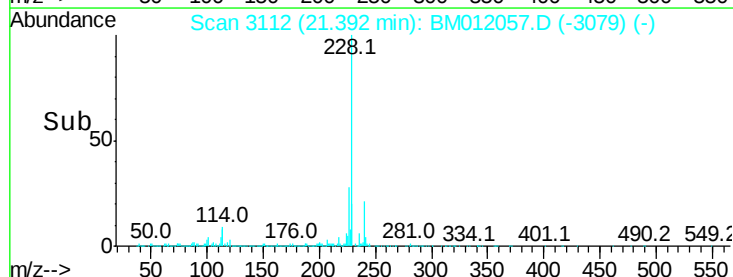
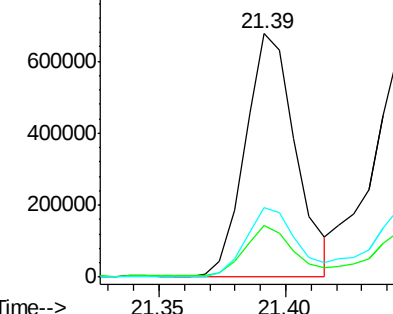
226 28.5 21.4 32.0

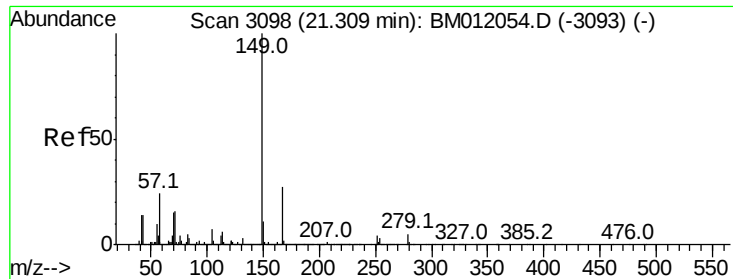


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





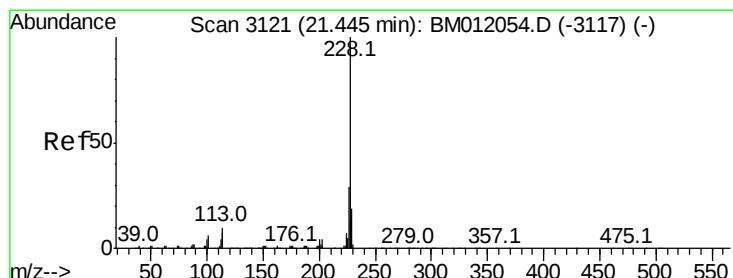
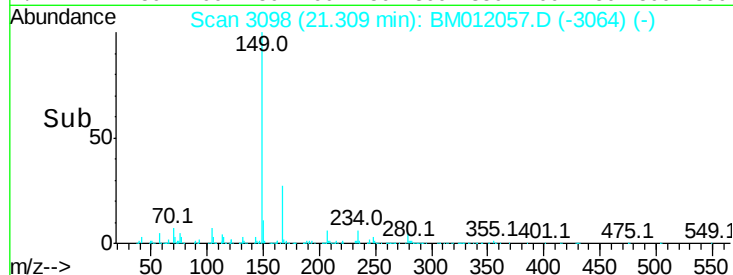
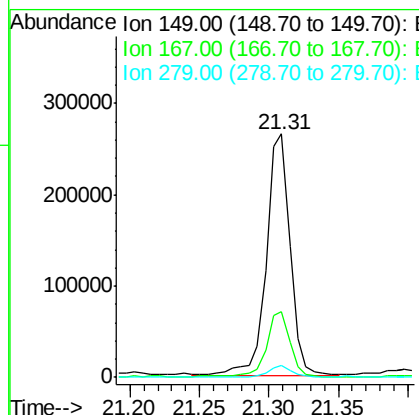
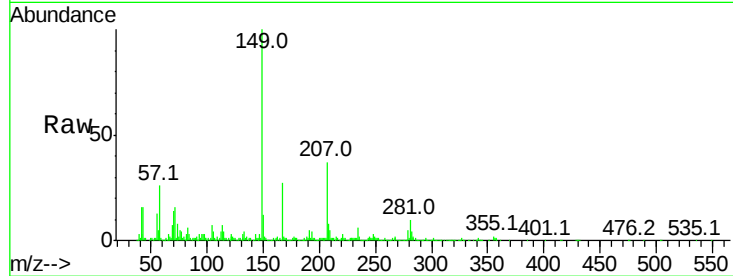
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 5.195 ng/ul m
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM012057.D
 Acq: 11 Oct 2017 00:13

Instrument :
 BNA_M
 ClientSampled :
 CB3K0

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.8	34.2
279	4.8	4.9	7.3

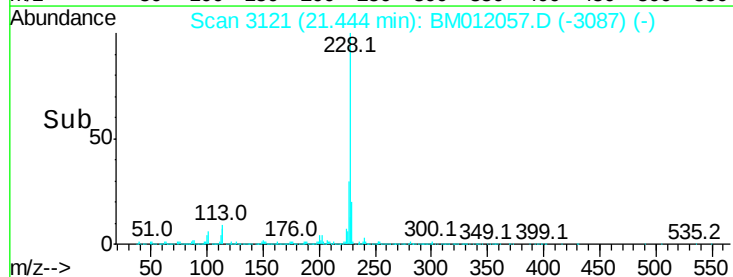
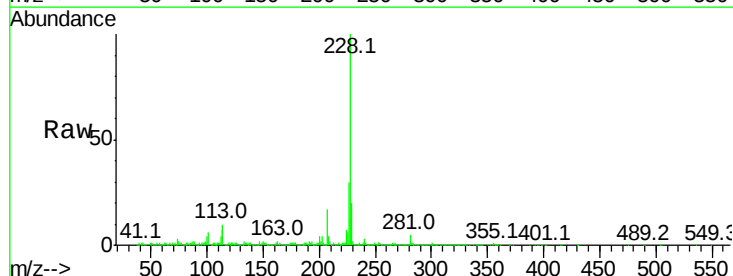
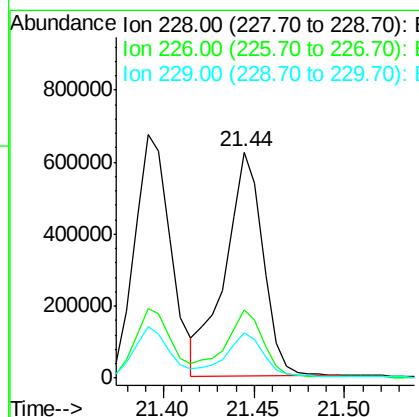
Manual Integrations
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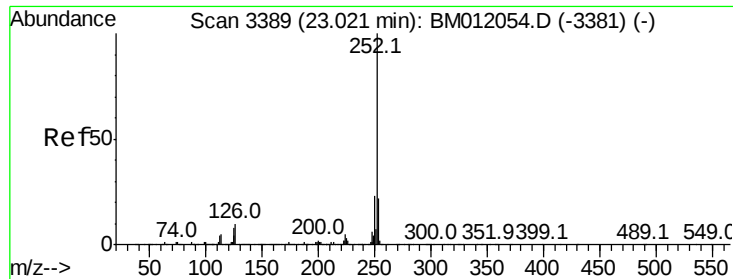
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#82
 Chrysene
 Concen: 8.832 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BM012057.D
 Acq: 11 Oct 2017 00:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	19.8	15.5	23.3





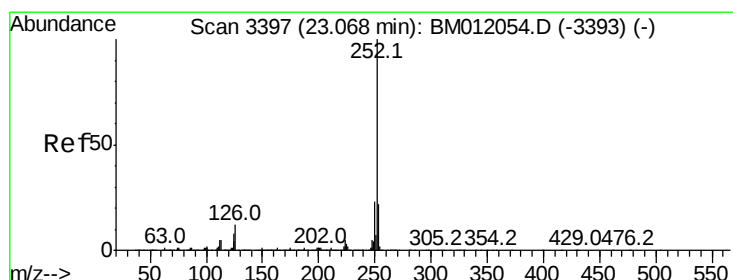
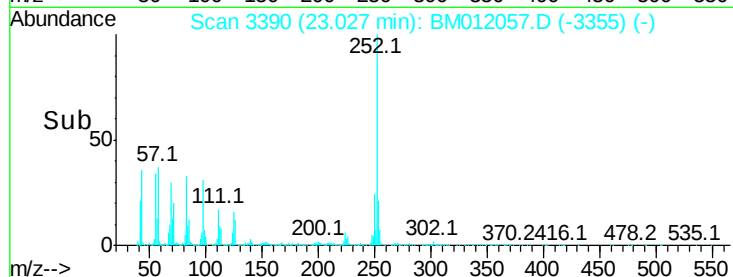
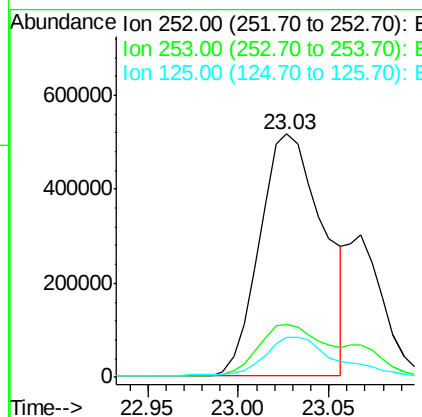
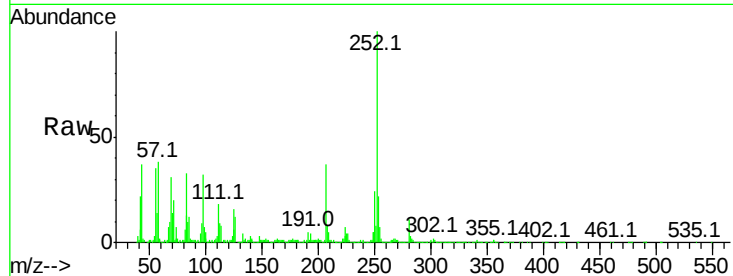
#85
Benzo(b)fluoranthene
Concen: 10.884 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Instrument :
BNA_M
ClientSampleId :
CB3K0

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	16.3	3.6	5.4#

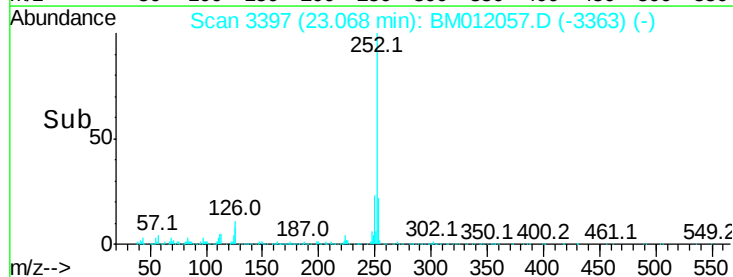
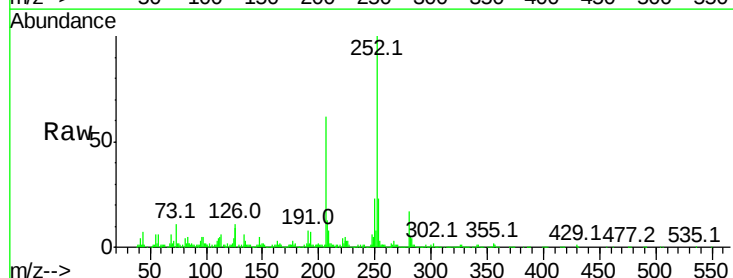
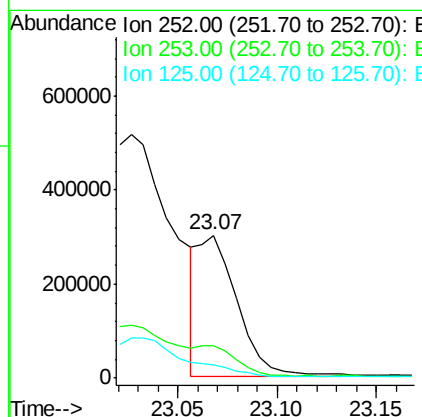
Manual Integrations
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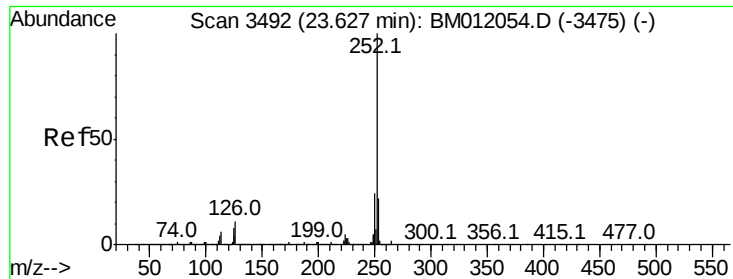
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#86
Benzo(k)fluoranthene
Concen: 3.568 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.00 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.0	3.4	5.2#





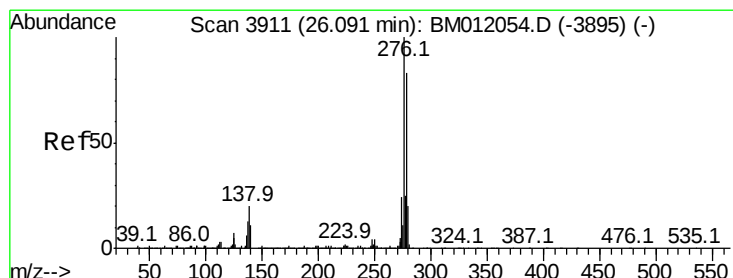
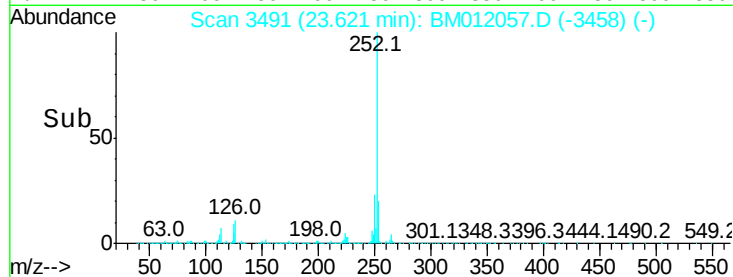
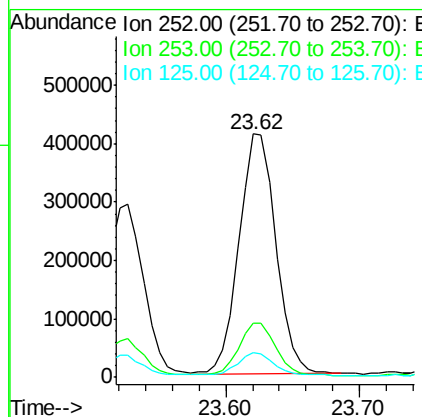
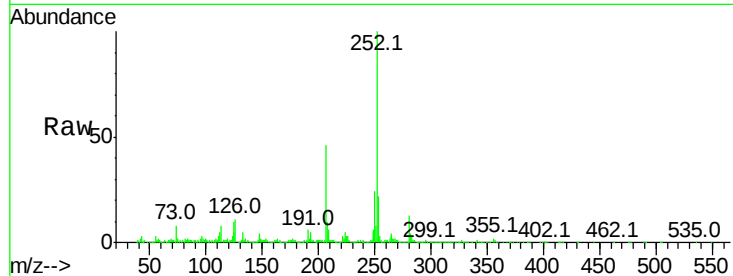
#88
Benzo(a)pyrene
Concen: 7.004 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Instrument :
BNA_M
ClientSampled :
CB3K0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.1	4.0	6.0#

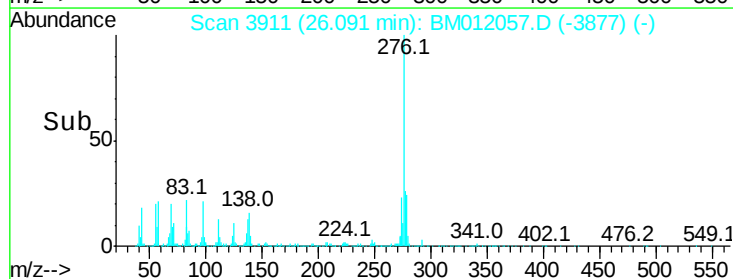
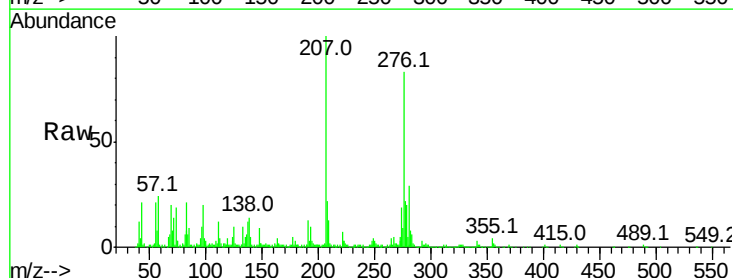
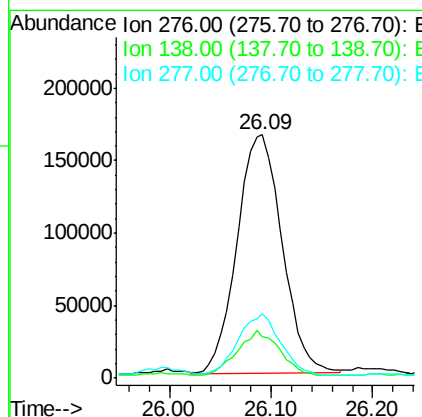
Manual Integrations
APPROVED

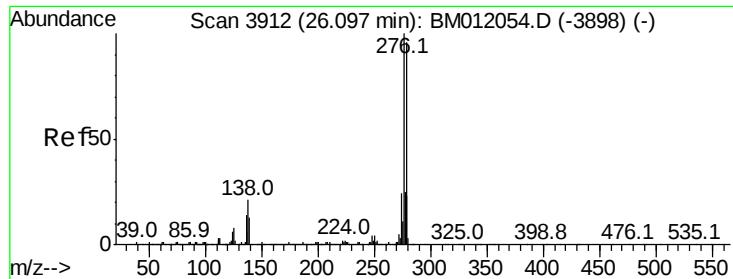
Sohil
10/11/2017 7:29:28 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 4.236 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	17.0	9.3	13.9#
277	26.6	19.9	29.9





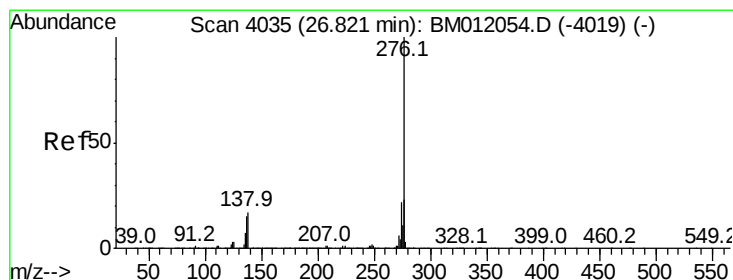
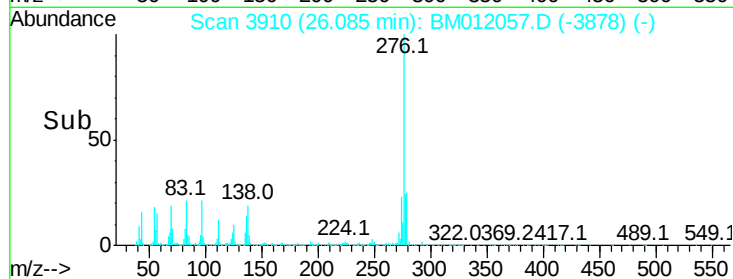
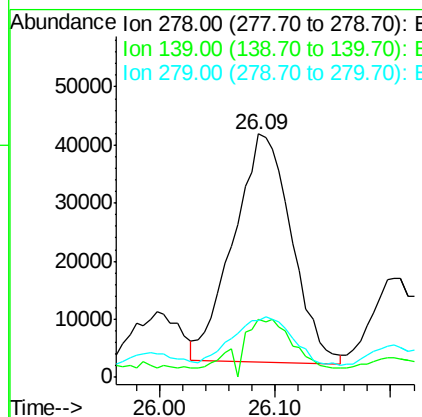
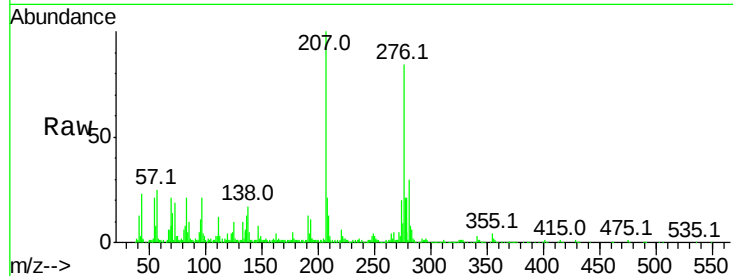
#90
Dibenzo(a,h)anthracene
Concen: 1.396 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Instrument :
BNA_M
ClientSampled :
CB3K0

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.6	5.8	8.8#
279	23.6	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/11/2017 7:29:28 PM



#91
Benzo(g,h,i)perylene
Concen: 4.433 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM012057.D
Acq: 11 Oct 2017 00:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.5	12.7#
277	24.5	18.6	28.0

