

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012139.D
 Acq On : 13 Oct 2017 16:21
 Operator : SJ/JU
 Sample : I5533-10DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-53(0-1)-092817DL

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:37:37 PM

Quant Time: Oct 14 01:14:21 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 00:15:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	206926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	873083	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.49	164	525506	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	1254811	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1283864	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1066412	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	5608	1.29	ng/uL	0.00
5) Phenol-d5	7.02	99	92622	5.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	63795	6.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	86780	6.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	72842	5.04	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	43571	6.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	48634	6.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	90360	6.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	55159	3.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	314868	6.78	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	382959	6.81	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.74	143	30713m	4.40	ng/ul	0.00
57) Fluorene-d10	15.49	176	267407	7.01	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	7448	0.86	ng/ul	0.00
70) Anthracene-d10	17.34	188	440896	7.11	ng/ul	-0.01
76) Pyrene-d10	19.64	212	503961	7.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	365785	7.11	ng/ul	-0.02

Target Compounds

						Qvalue
44) Dimethylphthalate	13.94	163	70964	1.53	ng/ul	98
47) Acenaphthylene	14.22	152	176489	3.20	ng/ul	99
69) Phenanthrene	17.29	178	742363	10.40	ng/ul	99
71) Anthracene	17.37	178	191178	2.59	ng/ul	97
74) Fluoranthene	19.30	202	2299863	26.70	ng/ul#	93
77) Pyrene	19.67	202	2410122	28.43	ng/ul#	93
80) Benzo(a)anthracene	21.41	228	1317869	15.78	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	77134	1.36	ng/ul#	98
82) Chrysene	21.46	228	1303081	16.61	ng/ul	96
85) Benzo(b)fluoranthene	23.05	252	1443299	20.74	ng/ul#	96
86) Benzo(k)fluoranthene	23.09	252	471309m	7.03	ng/ul	
88) Benzo(a)pyrene	23.66	252	962726	14.68	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	655436	9.41	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	176674	3.02	ng/ul#	78
91) Benzo(g,h,i)perylene	26.89	276	605683	10.62	ng/ul#	92

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

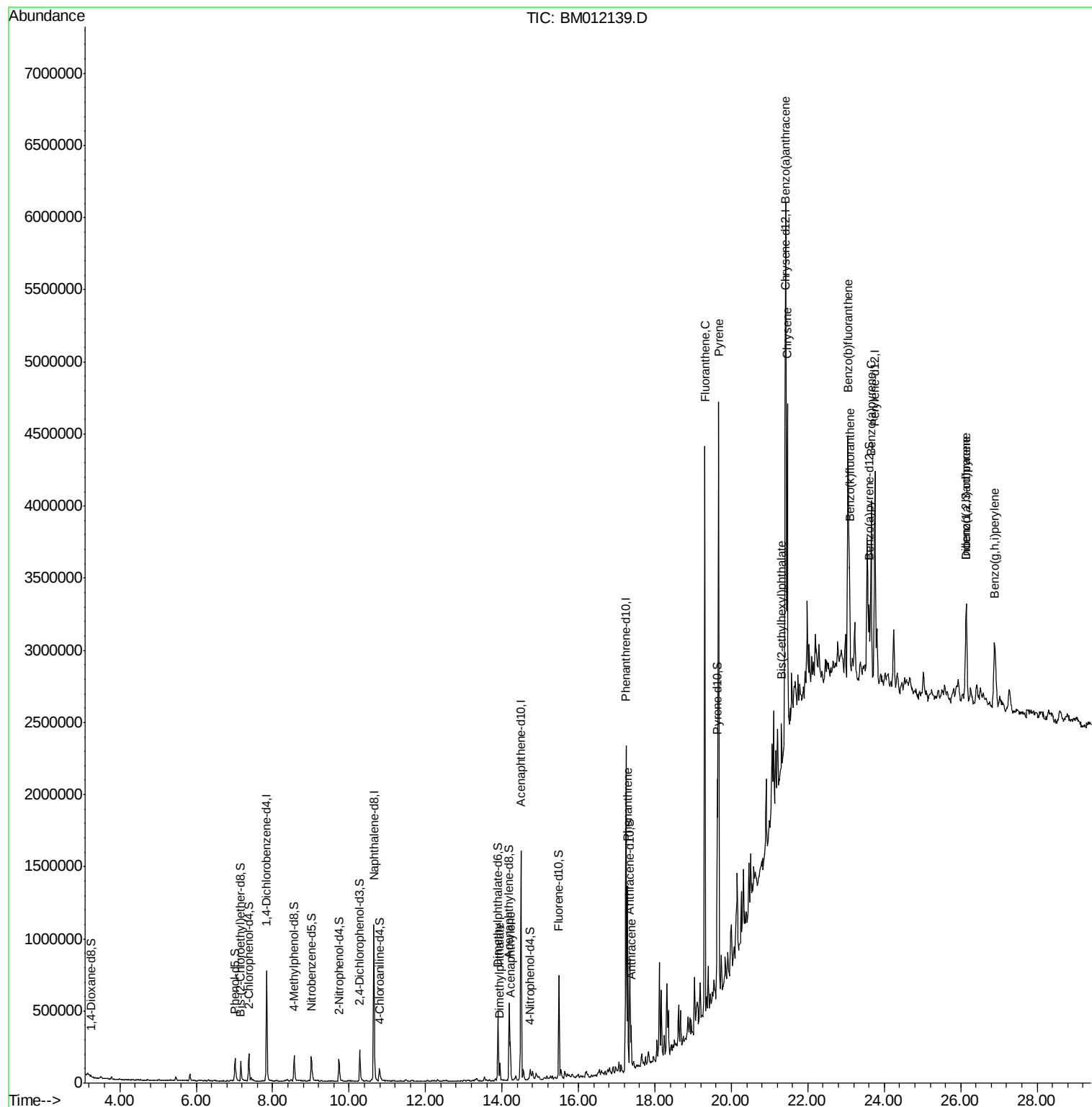
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012139.D
Acq On : 13 Oct 2017 16:21
Operator : SJ/JU
Sample : I5533-10DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

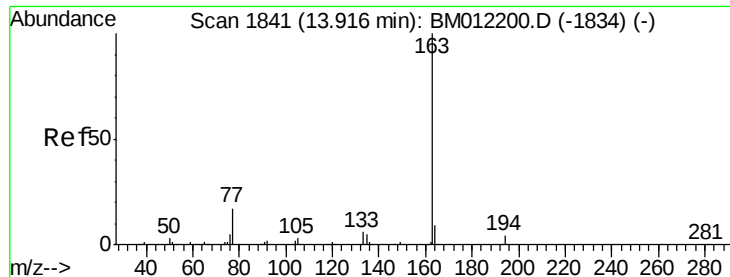
Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817DL

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Quant Time: Oct 14 01:14:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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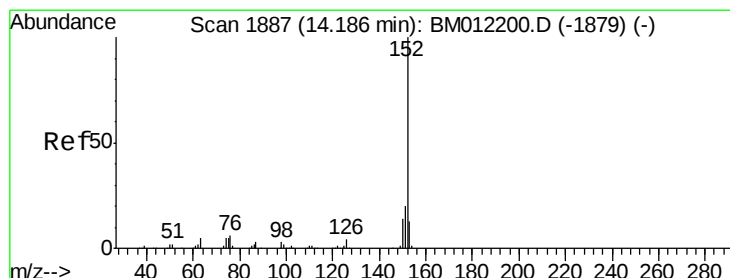
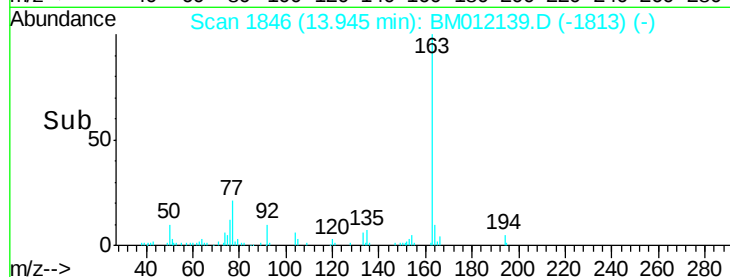
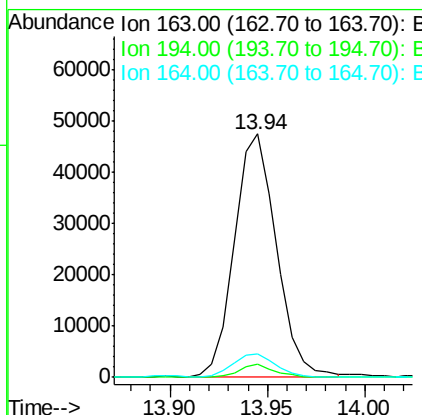
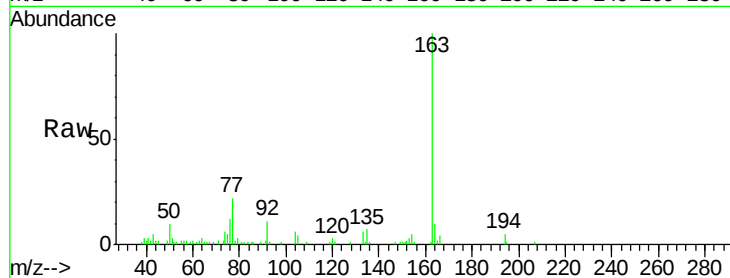
#44
Dimethylphthalate
Concen: 1.53 ng/ul
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	70964		
194	5.2		3.5	5.3
164	9.7		8.2	12.4

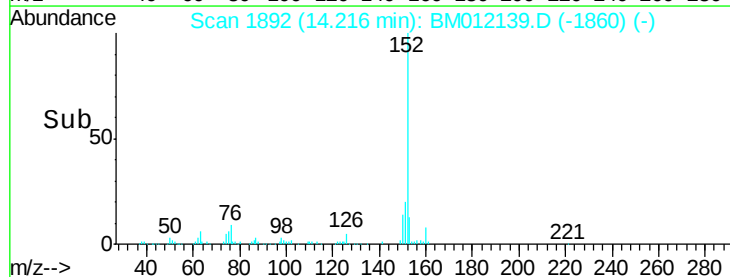
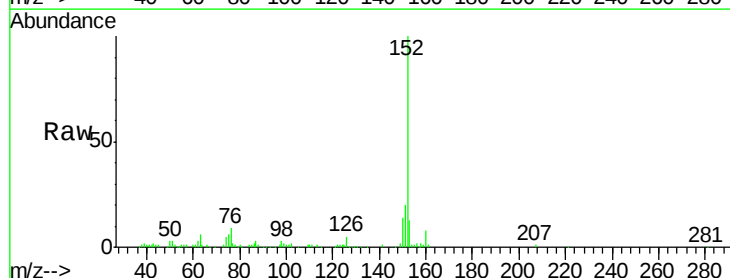
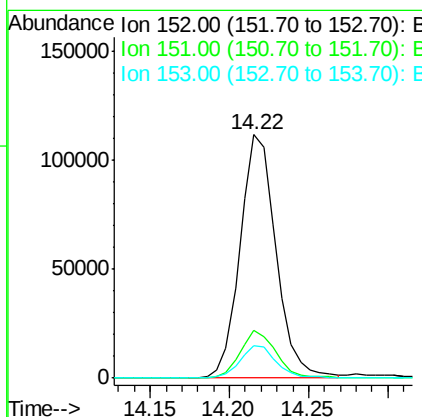
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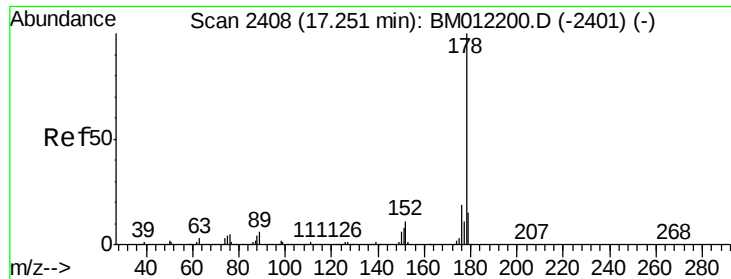
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#47
Acenaphthylene
Concen: 3.20 ng/ul
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176489		
151	19.9		16.3	24.5
153	13.3		10.2	15.4





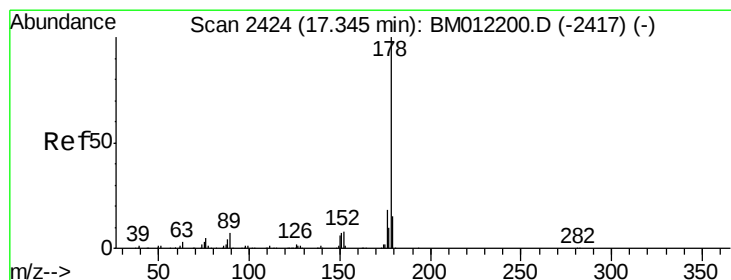
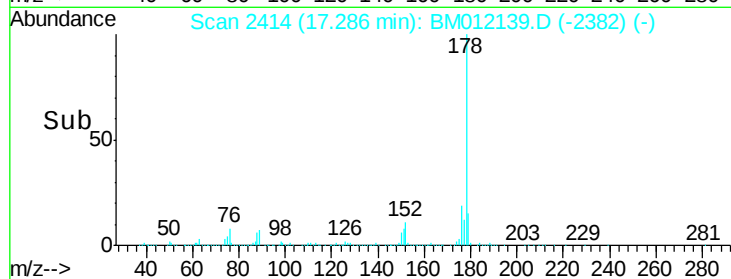
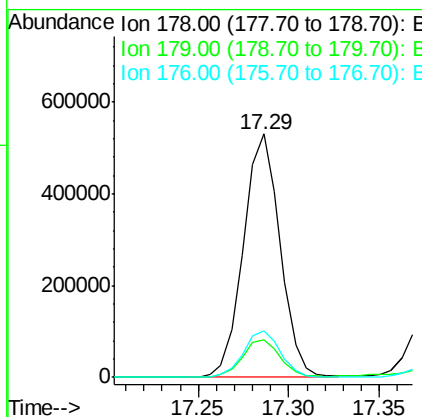
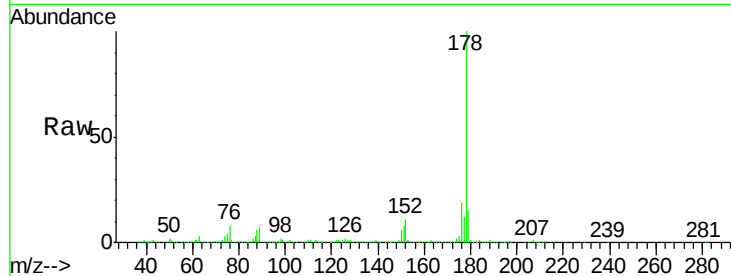
#69
Phenanthrene
Concen: 10.40 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.1	14.9	22.3

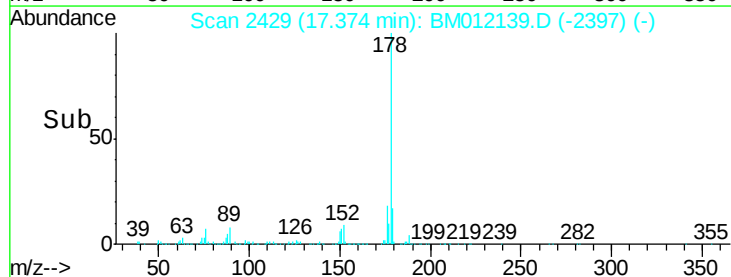
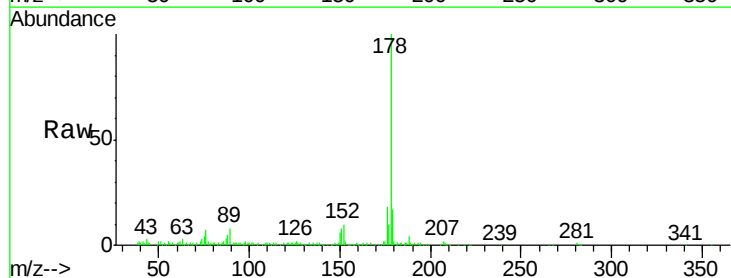
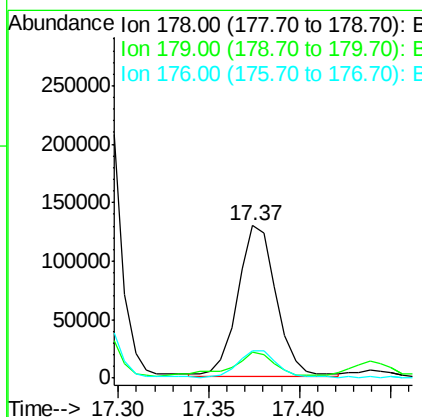
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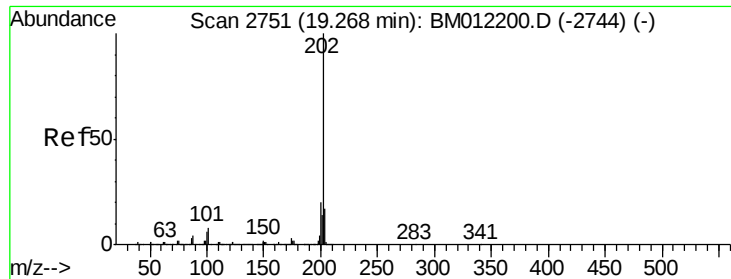
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#71
Anthracene
Concen: 2.59 ng/ul
RT: 17.37 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.7	17.5
176	18.1	14.6	21.8





#74

Fluoranthene

Concen: 26.70 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM012139.D

Acq: 13 Oct 2017 16:21

Instrument :

BNA_M

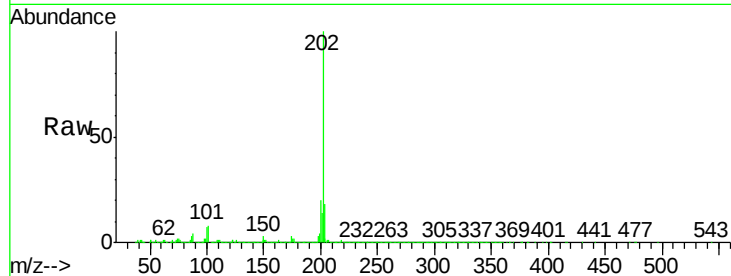
ClientSampleId :

B-53(0-1)-092817DL

Tgt Ion:	202	Resp:	2299863
Ion Ratio	Lower	Upper	
202	100		
101	8.1	4.6	7.0#
100	6.7	3.4	5.2#

Manual Integrations
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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): B

19.30

2000000

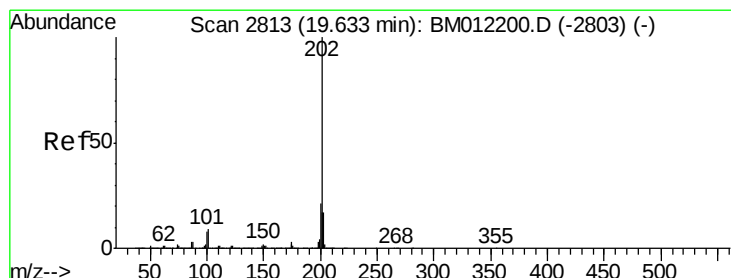
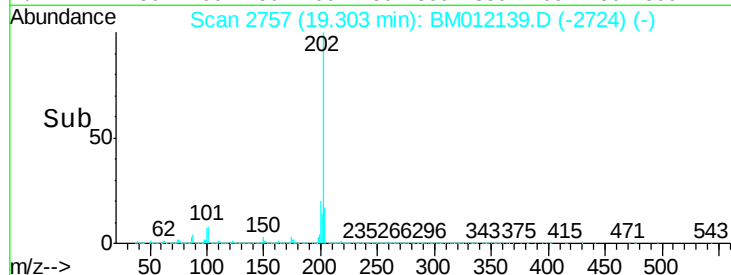
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1000000

500000

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Time-->



#77

Pyrene

Concen: 28.43 ng/ul

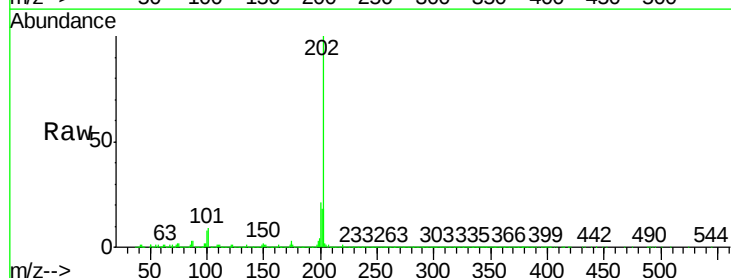
RT: 19.67 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BM012139.D

Acq: 13 Oct 2017 16:21

Tgt Ion:	202	Resp:	2410122
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	7.8	4.9	7.3#



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): B

19.67

2500000

2000000

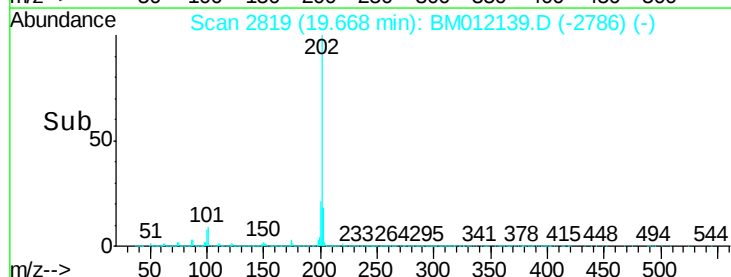
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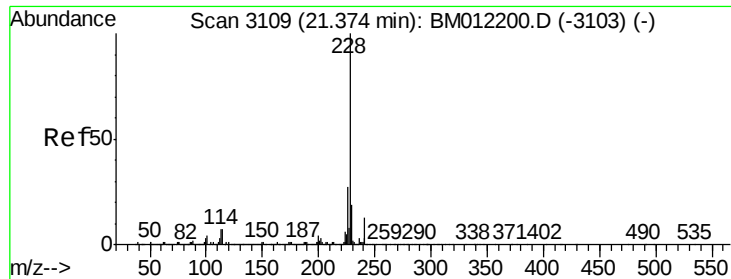
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500000

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Time-->





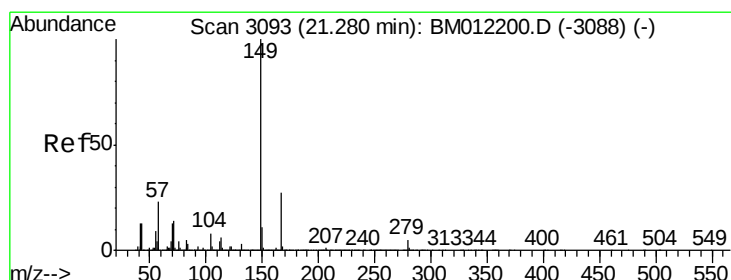
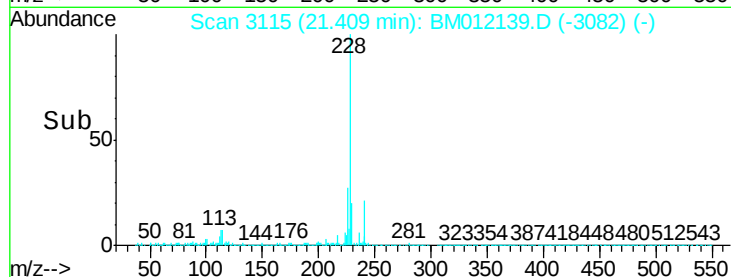
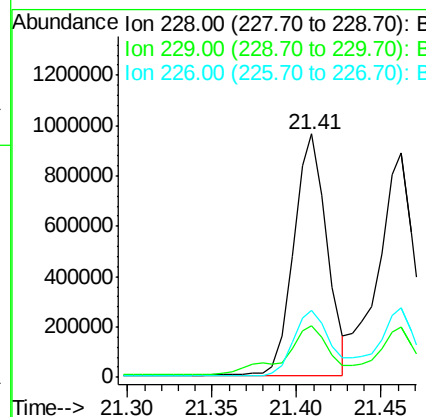
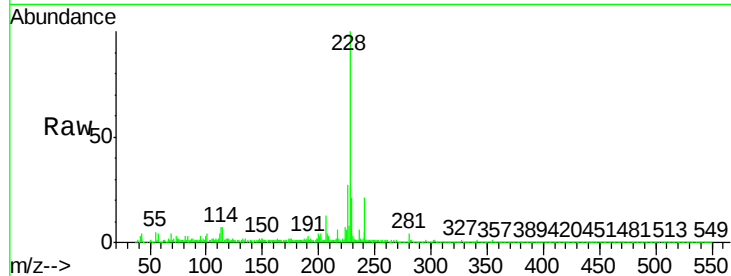
#80
Benzo(a)anthracene
Concen: 15.78 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	27.3	21.4	32.0

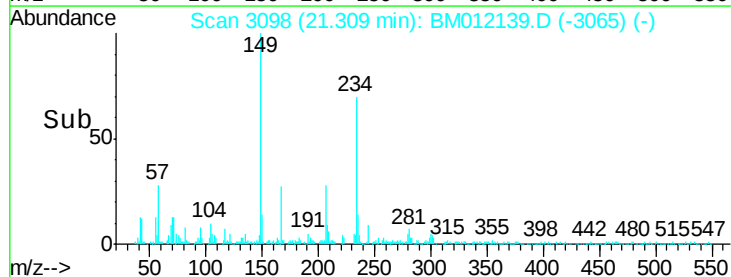
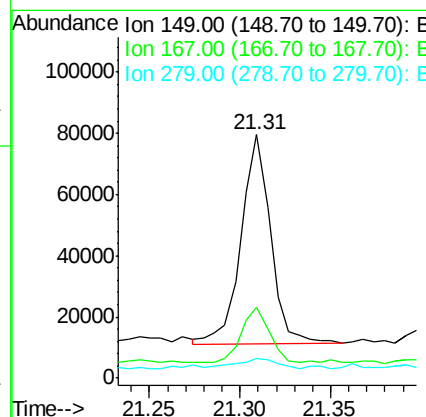
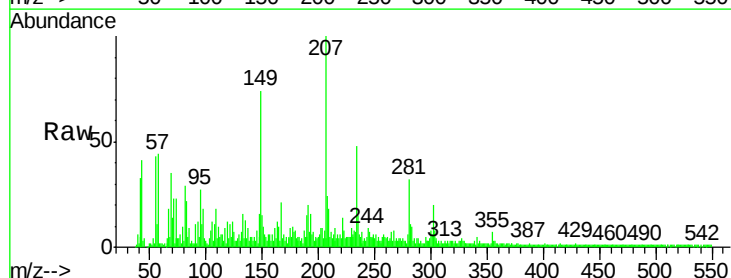
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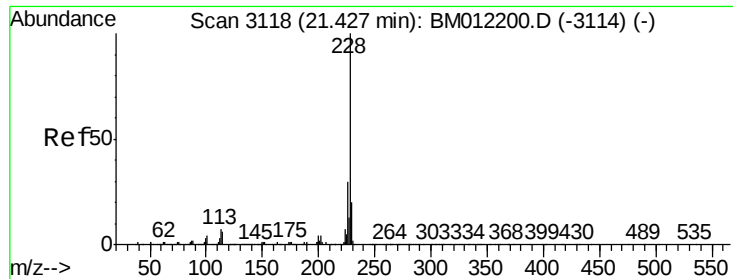
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.36 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.8	34.2
279	8.0	4.9	7.3#





#82

Chrysene

Concen: 16.61 ng/ul

RT: 21.46 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM012139.D

Acq: 13 Oct 2017 16:21

Instrument :

BNA_M

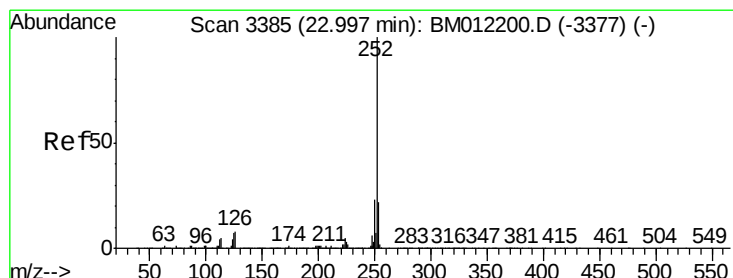
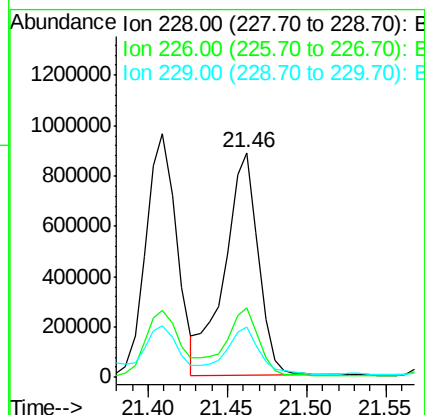
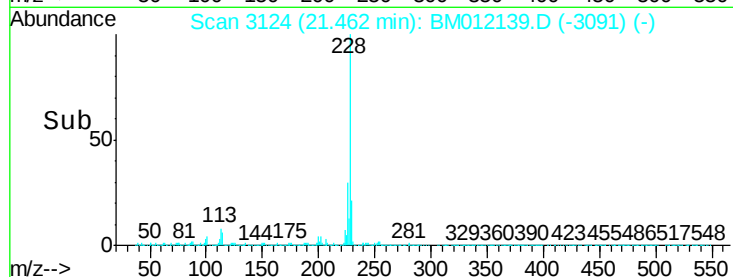
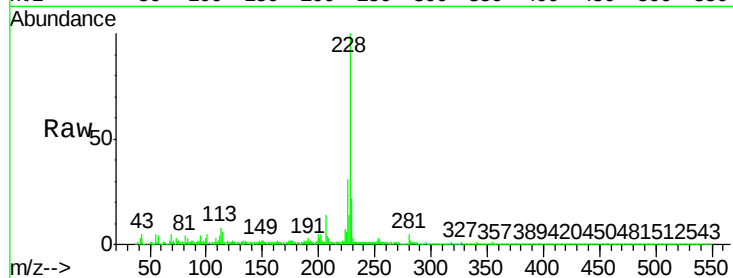
ClientSampleId :

B-53(0-1)-092817DL

Tgt Ion:	228	Resp:	1303081
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.2
229	22.2	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 20.74 ng/ul

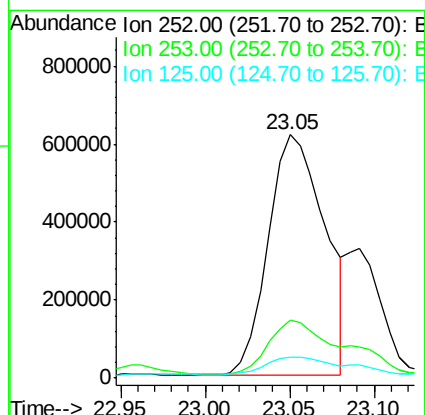
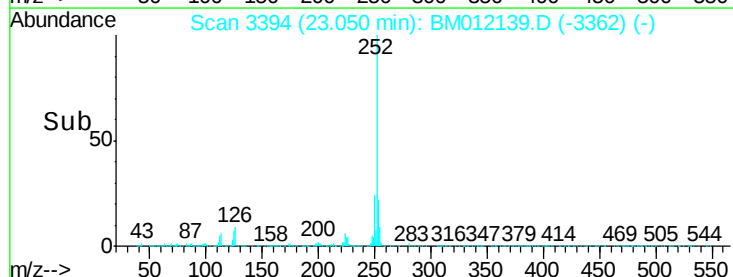
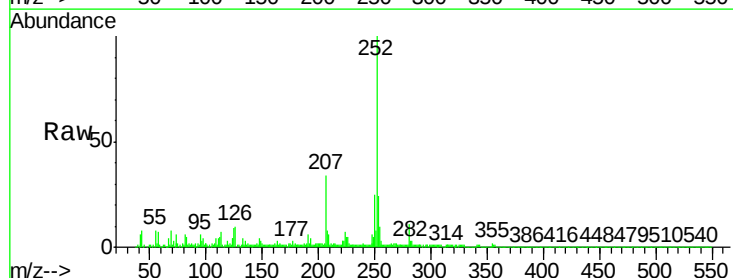
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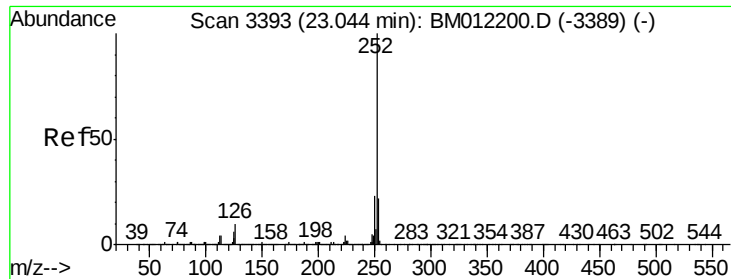
Delta R.T. -0.01 min

Lab File: BM012139.D

Acq: 13 Oct 2017 16:21

Tgt Ion:	252	Resp:	1443299
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	8.8	3.6	5.4#





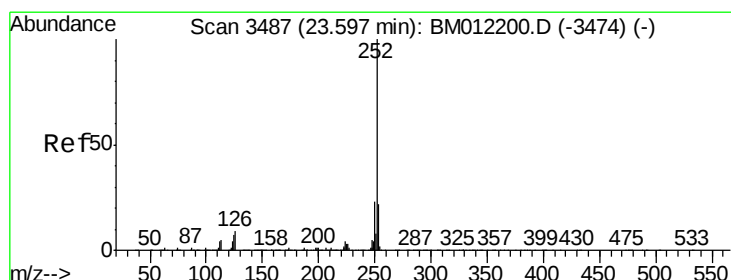
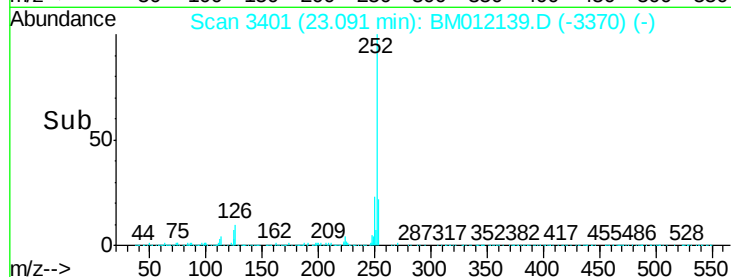
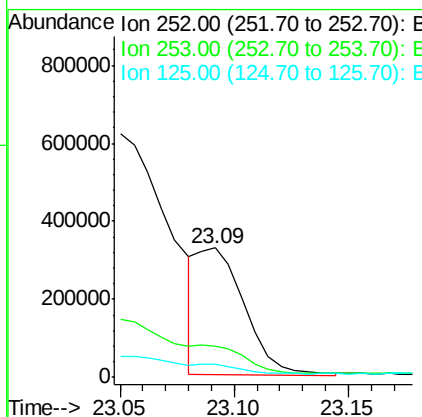
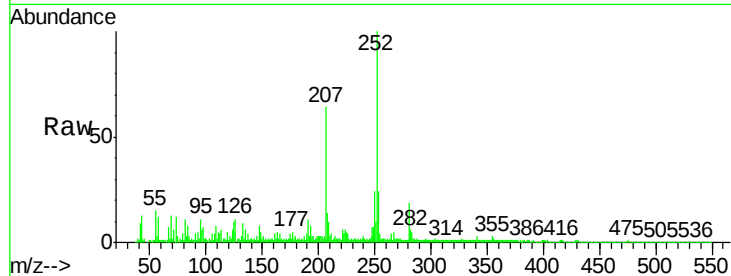
#86
Benzo(k)fluoranthene
Concen: 7.03 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. -0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	9.9	3.4	5.2#

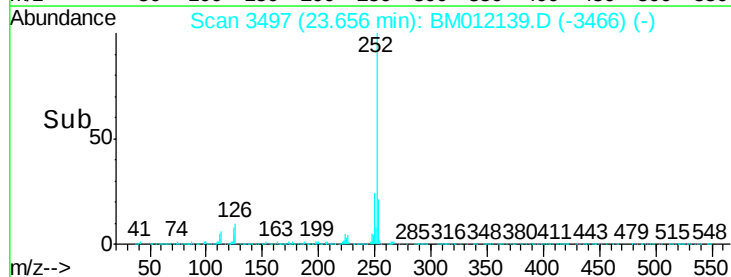
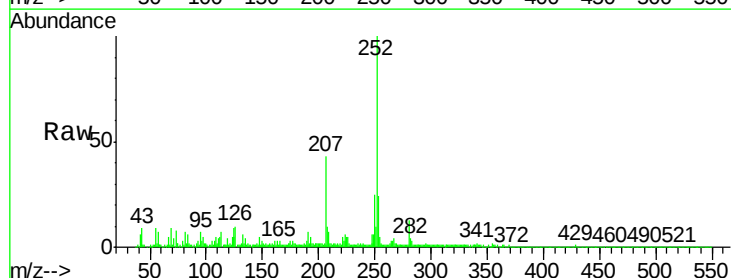
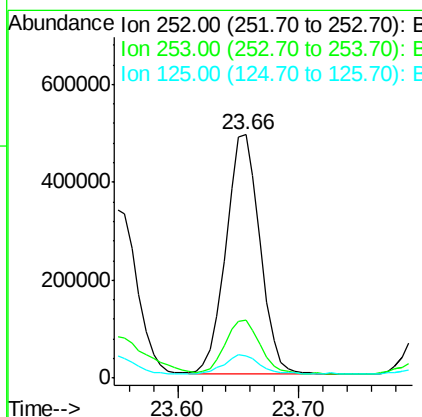
Manual Integrations
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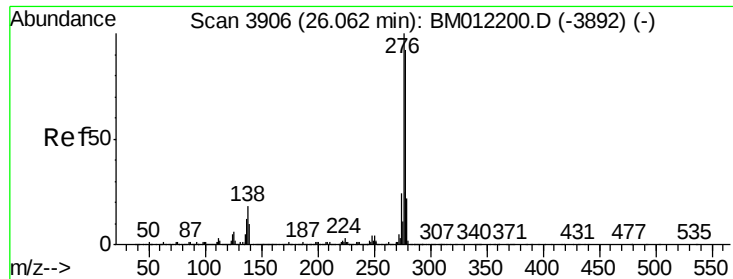
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#88
Benzo(a)pyrene
Concen: 14.68 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. -0.02 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	9.4	4.0	6.0#





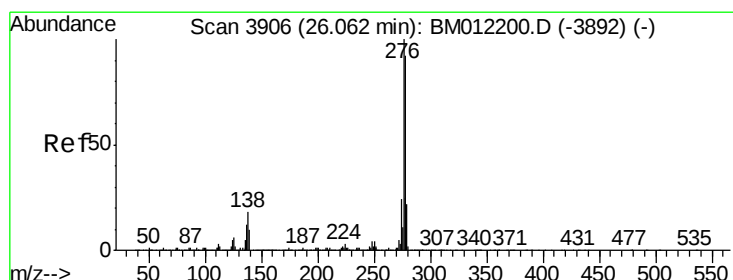
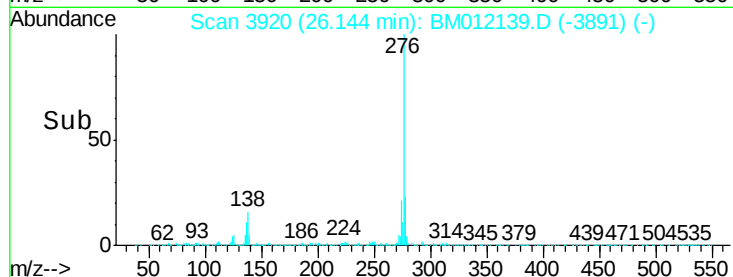
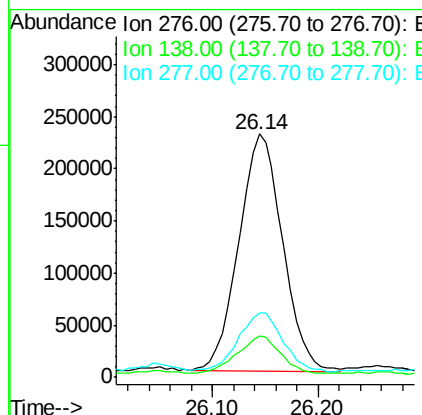
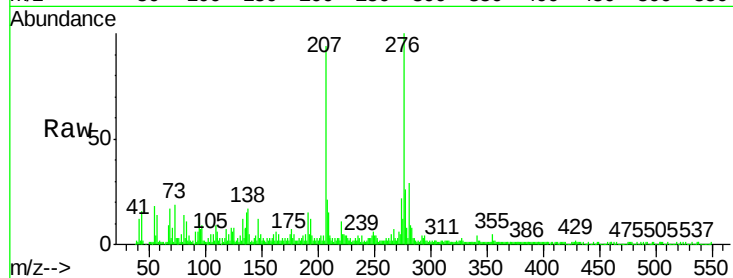
#89
Indeno(1,2,3-cd)pyrene
Concen: 9.41 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.03 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	655436		
138	17.1	9.3	13.9#	
277	26.2	19.9	29.9	

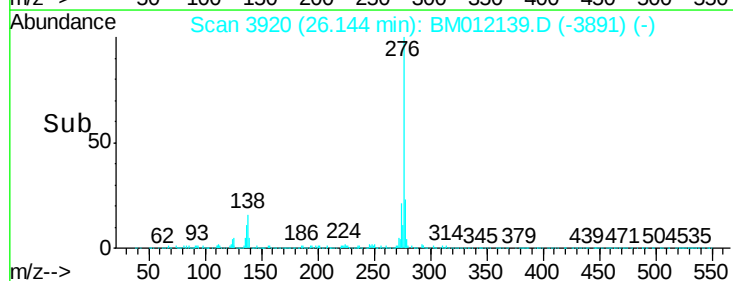
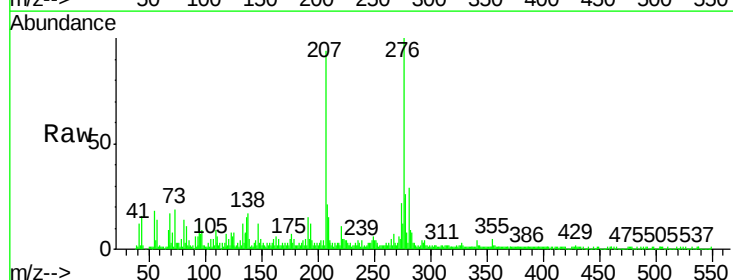
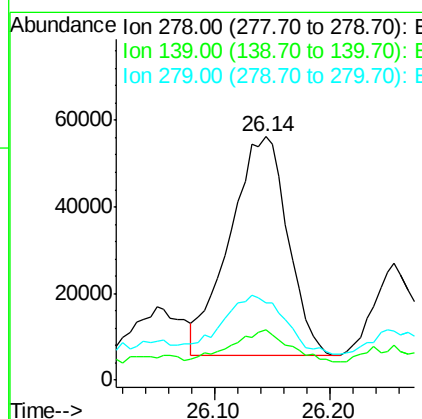
Manual Integrations
APPROVED

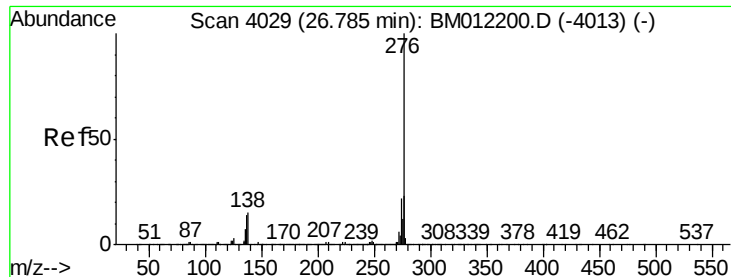
Sohil
10/15/2017 12:37:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 3.02 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.03 min
Lab File: BM012139.D
Acq: 13 Oct 2017 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	176674		
139	20.6	5.8	8.8#	
279	31.6	18.6	27.8#	





#91
 Benzo(g,h,i)perylene
 Concen: 10.62 ng/ul
 RT: 26.89 min Scan# 4046
 Delta R.T. -0.04 min
 Lab File: BM012139.D
 Acq: 13 Oct 2017 16:21

Instrument :
 BNA_M
 ClientSampleId :
 B-53(0-1)-092817DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	25.4	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:37:37 PM

