

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012161.D
 Acq On : 14 Oct 2017 07:27
 Operator : SJ/JU
 Sample : I5649-10 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DUP-2

Manual Integrations
 APPROVED

Sohil
 6/22/2018 5:57:56 PM

Quant Time: Jun 22 17:50:47 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 05:27:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	322542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1345643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	754894	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1446124	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1269552	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1372294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14053	2.07	ng/uL	0.00
5) Phenol-d5	6.99	99	326983	12.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	207595	13.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	285095	12.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	282557	12.54	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	138688	13.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	160747	13.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	298358	13.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	180362	8.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	955362	14.32	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1165488	14.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	78436	7.82	ng/ul	0.00
57) Fluorene-d10	15.47	176	769801	14.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	73856	7.44	ng/ul	0.00
70) Anthracene-d10	17.32	188	1035920	14.49	ng/ul	0.00
76) Pyrene-d10	19.62	212	963387	14.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	959171	14.50	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.93	163	361790m	5.412	ng/ul	
47) Acenaphthylene	14.20	152	109202	1.377	ng/ul	96
69) Phenanthrene	17.26	178	431962	5.251	ng/ul	99
71) Anthracene	17.35	178	207044	2.431	ng/ul	99
74) Fluoranthene	19.28	202	1545847	15.571	ng/ul#	93
77) Pyrene	19.64	202	1418553	16.919	ng/ul#	92
80) Benzo(a)anthracene	21.39	228	1643641	19.897	ng/ul	97
82) Chrysene	21.44	228	1351884	17.431	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	2616263	29.214	ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	774907m	8.979	ng/ul	
88) Benzo(a)pyrene	23.62	252	1976622	23.418	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1454424	16.226	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	369512	4.904	ng/ul#	80
91) Benzo(g,h,i)perylene	26.83	276	1211524	16.503	ng/ul#	93

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

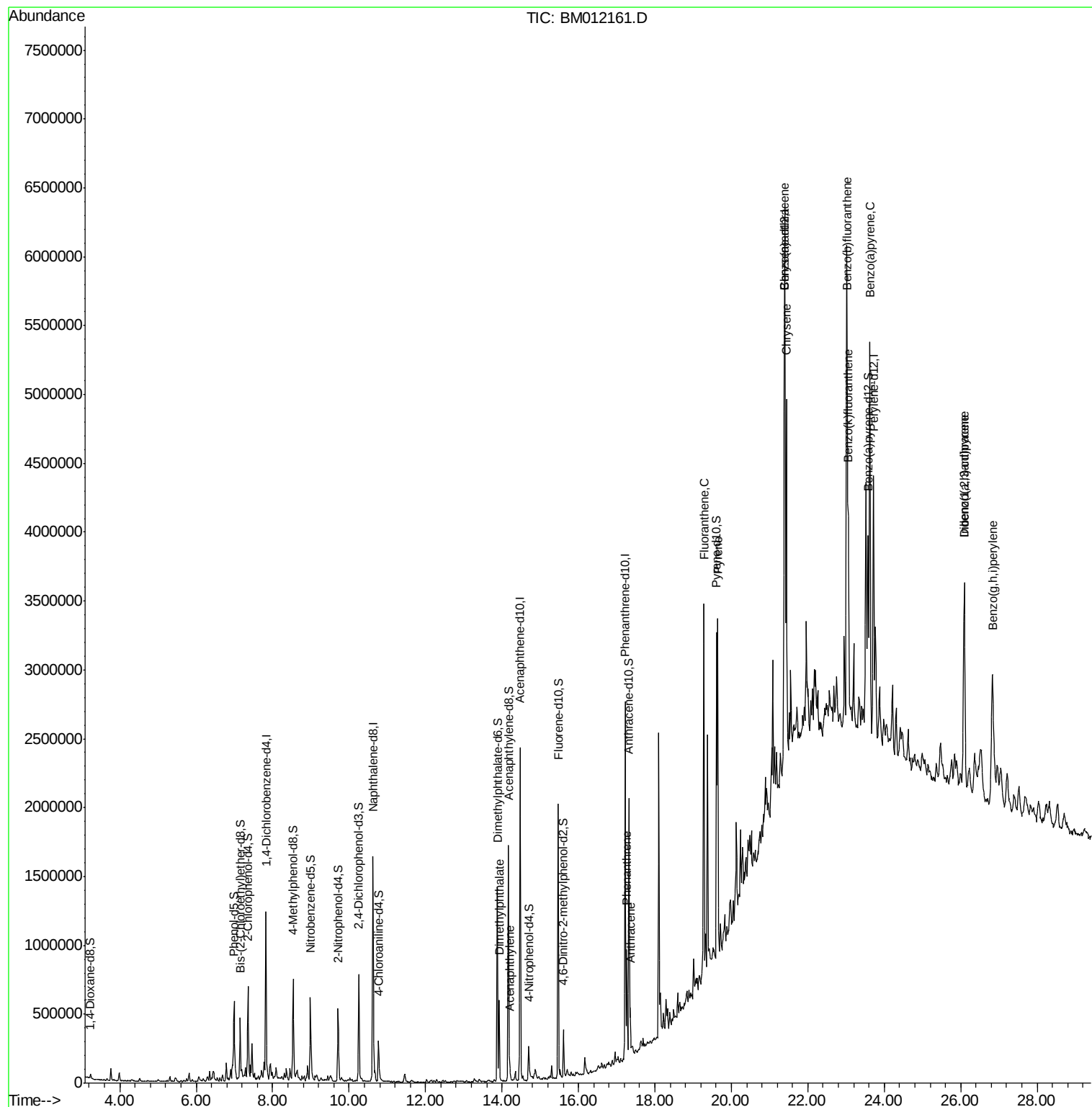
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012161.D
Acq On : 14 Oct 2017 07:27
Operator : SJ/JU
Sample : I5649-10 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

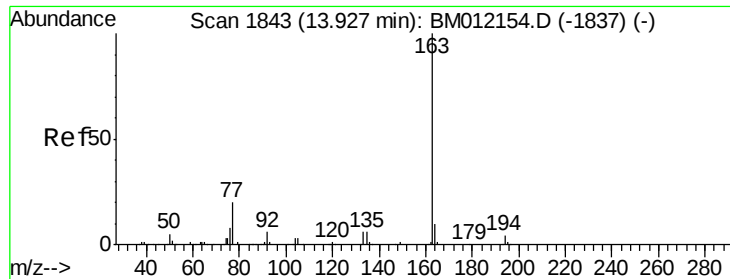
Instrument :
BNA_M
ClientSampled :
DUP-2

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Quant Time: Jun 22 17:50:47 2018
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Quant Title : SVOA CALIBRATION
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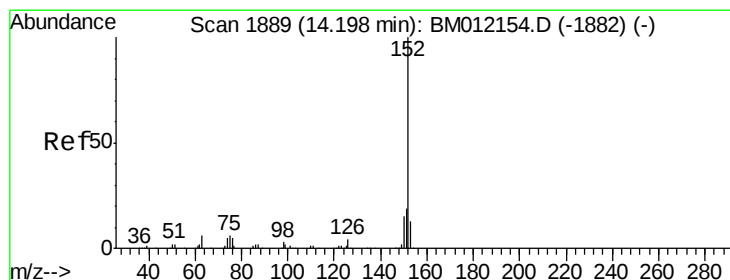
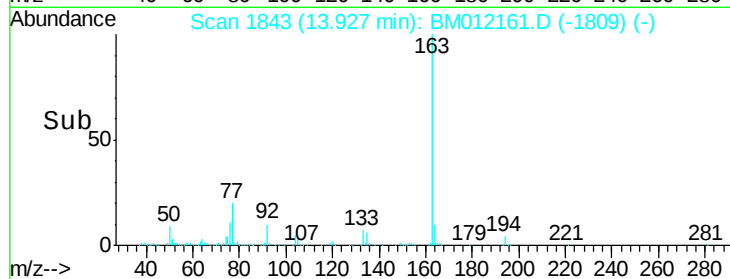
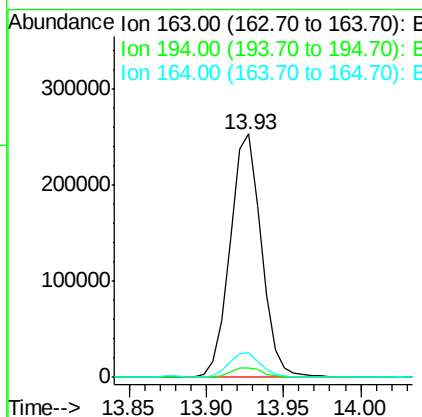
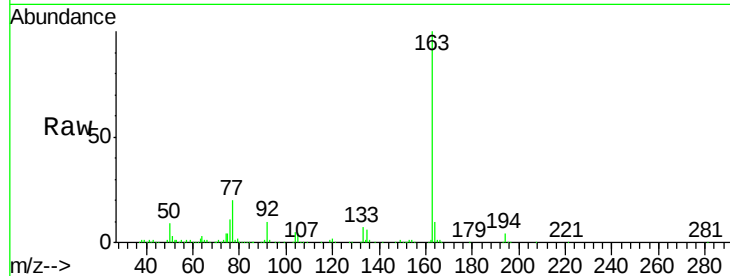
#44
Dimethylphthalate
Concen: 5.412 ng/ul m
RT: 13.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Instrument :
BNA_M
ClientSampleId :
DUP-2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	361790		
194	4.0	3.5	5.3	
164	10.3	8.2	12.4	

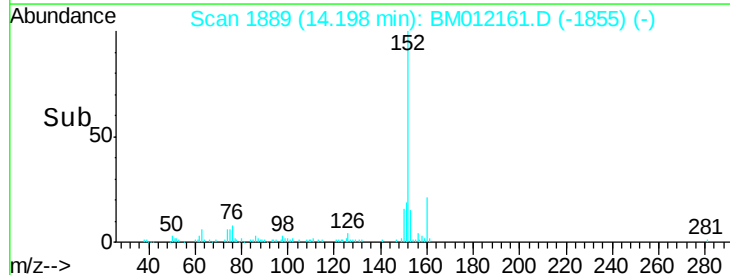
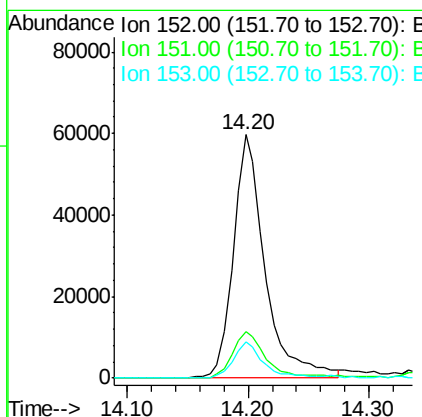
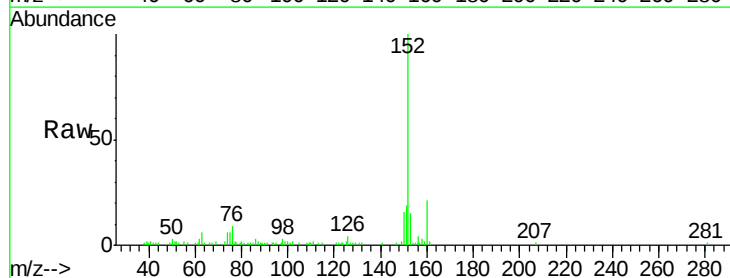
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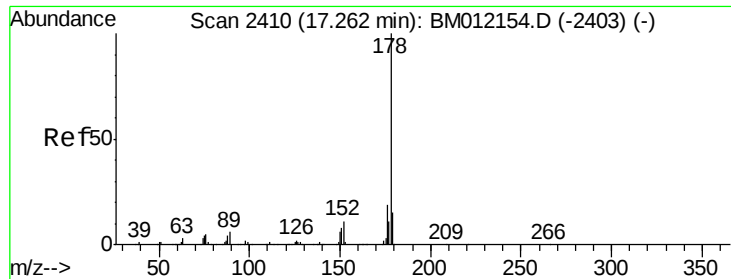
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#47
Acenaphthylene
Concen: 1.377 ng/ul
RT: 14.20 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	109202		
151	18.9	16.3	24.5	
153	14.7	10.2	15.4	





#69

Phenanthrene

Concen: 5.251 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BM012161.D

Acq: 14 Oct 2017 07:27

Instrument :

BNA_M

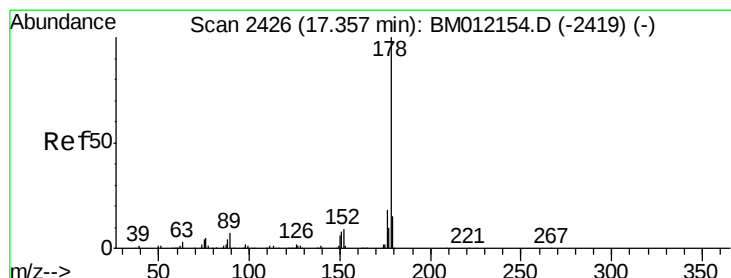
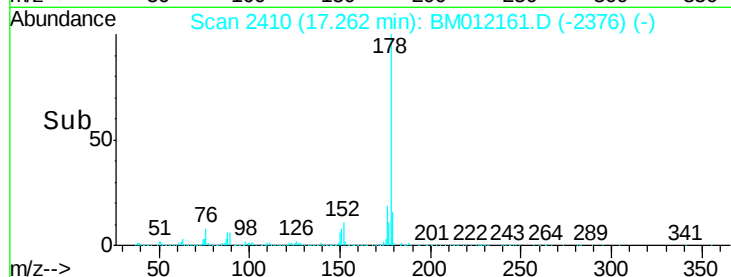
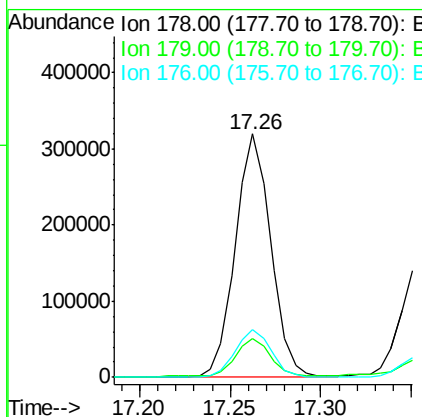
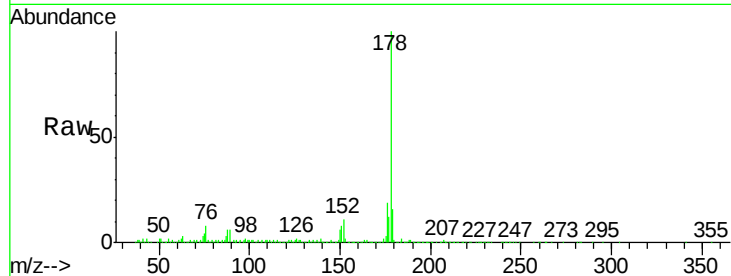
ClientSampleId :

DUP-2

Tgt Ion:	178	Resp:	431962
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	19.0
176	19.5	14.9	22.3

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#71

Anthracene

Concen: 2.431 ng/ul

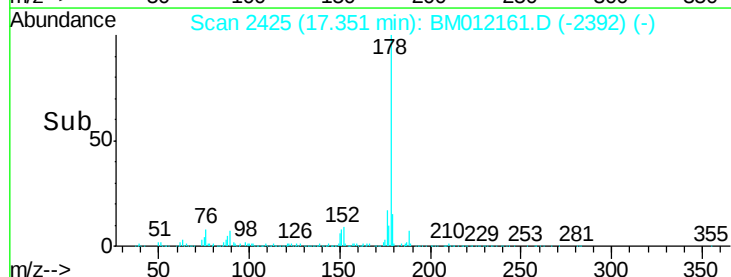
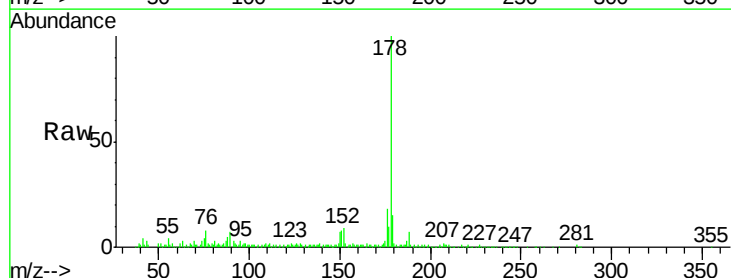
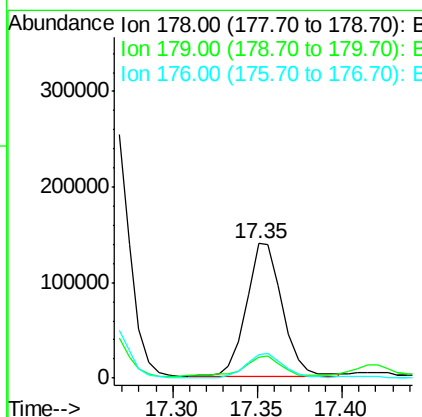
RT: 17.35 min Scan# 2425

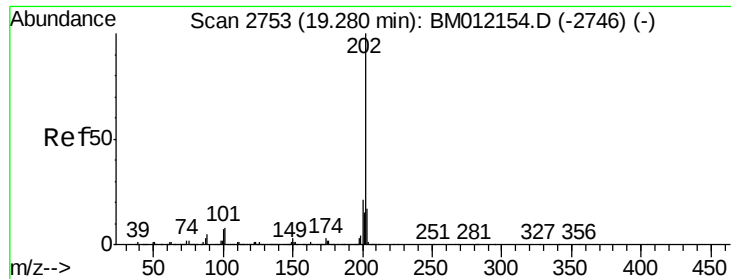
Delta R.T. -0.01 min

Lab File: BM012161.D

Acq: 14 Oct 2017 07:27

Tgt Ion:	178	Resp:	207044
Ion Ratio	Lower	Upper	
178	100		
179	15.4	11.7	17.5
176	17.7	14.6	21.8





#74

Fluoranthene

Concen: 15.571 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM012161.D

Acq: 14 Oct 2017 07:27

Instrument :

BNA_M

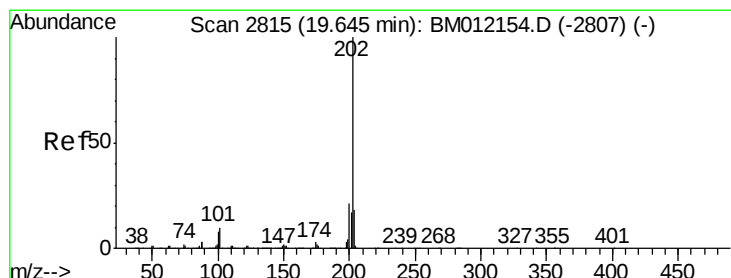
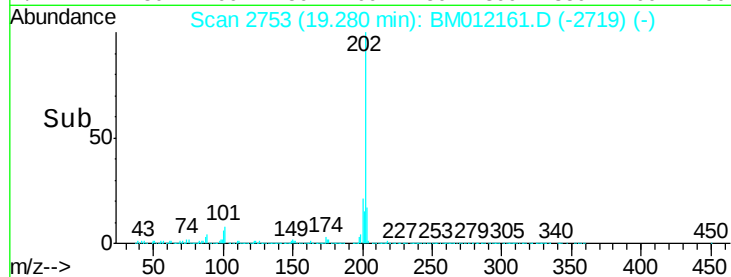
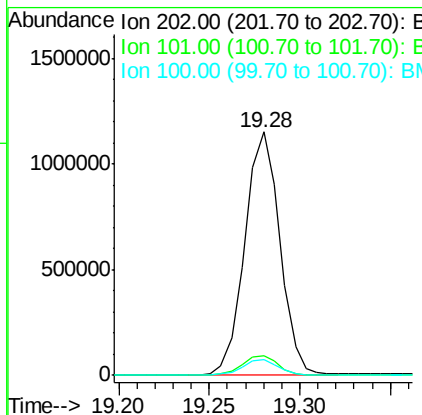
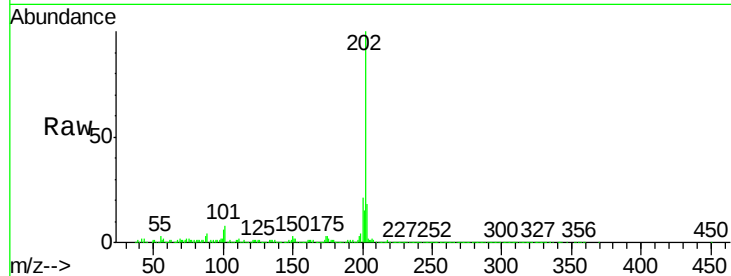
ClientSampled :

DUP-2

Tgt Ion:	202	Resp:	1545847
Ion Ratio	Lower	Upper	
202	100		
101	8.1	4.6	7.0#
100	6.4	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 16.919 ng/ul

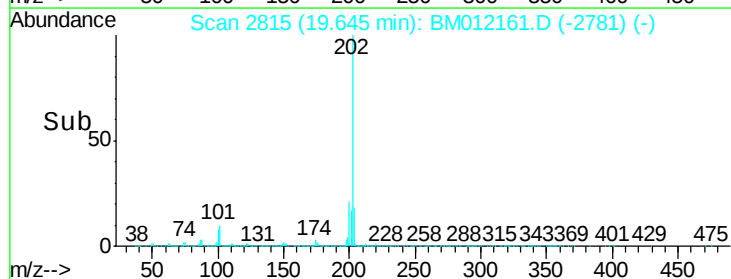
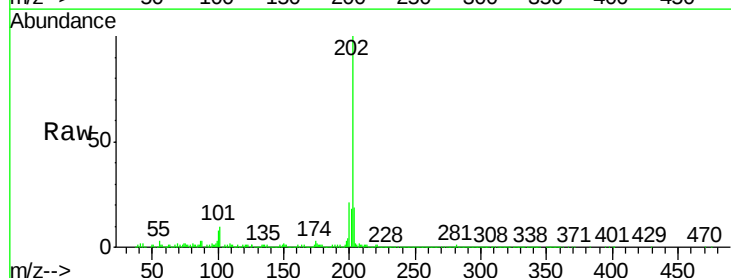
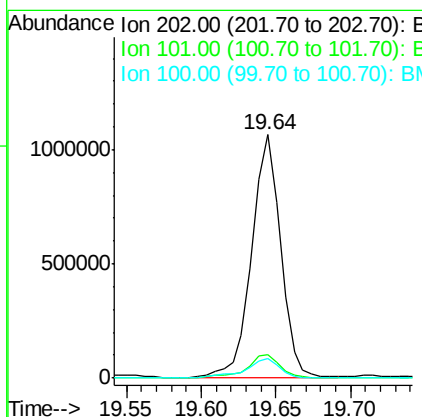
RT: 19.64 min Scan# 2815

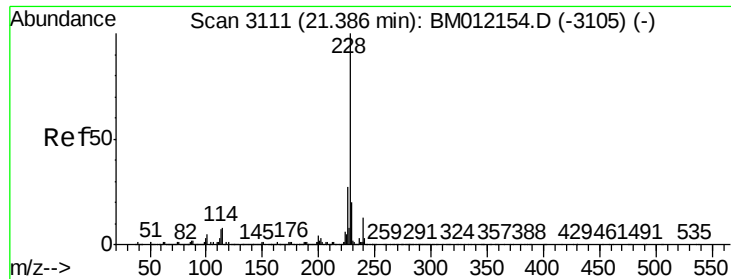
Delta R.T. -0.00 min

Lab File: BM012161.D

Acq: 14 Oct 2017 07:27

Tgt Ion:	202	Resp:	1418553
Ion Ratio	Lower	Upper	
202	100		
101	9.6	5.1	7.7#
100	8.2	4.9	7.3#





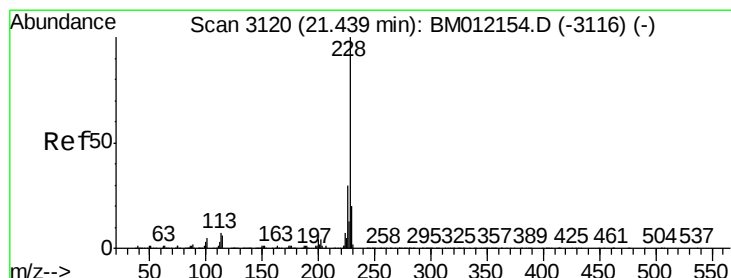
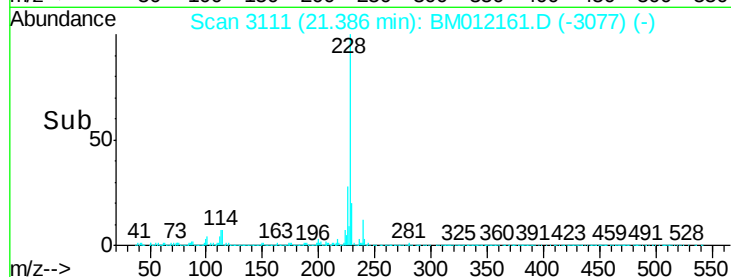
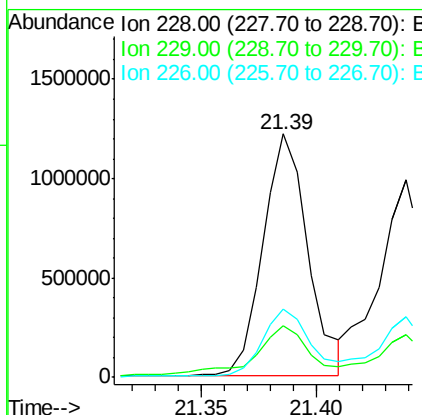
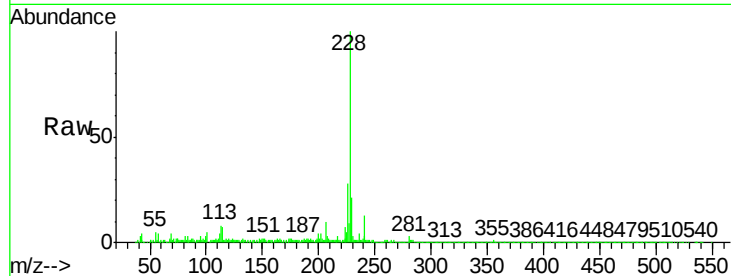
#80
Benzo(a)anthracene
Concen: 19.897 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Instrument :
BNA_M
ClientSampled :
DUP-2

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	27.9	21.4	32.0

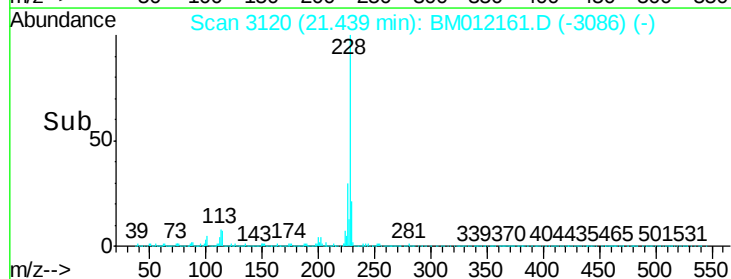
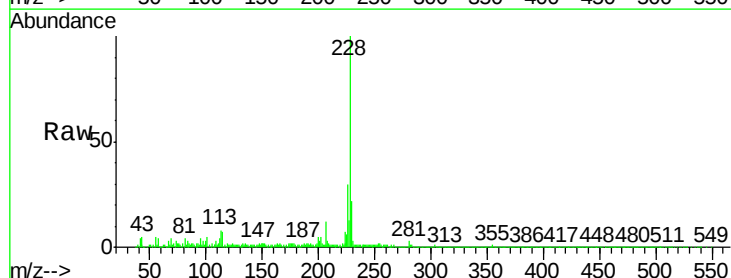
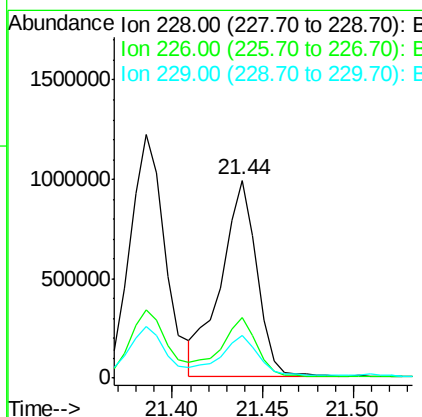
Manual Integrations
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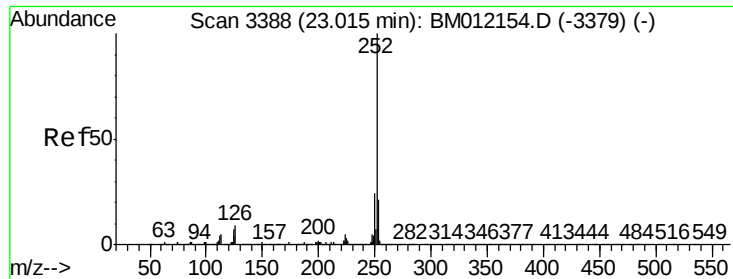
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#82
Chrysene
Concen: 17.431 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	21.6	15.5	23.3





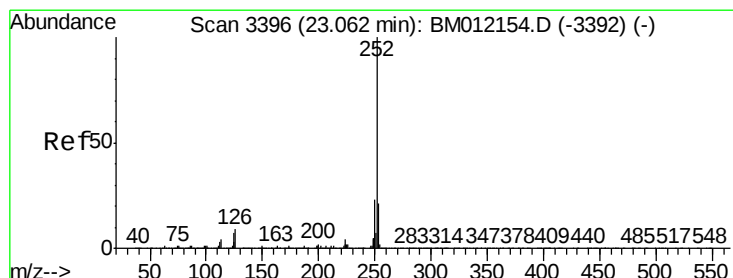
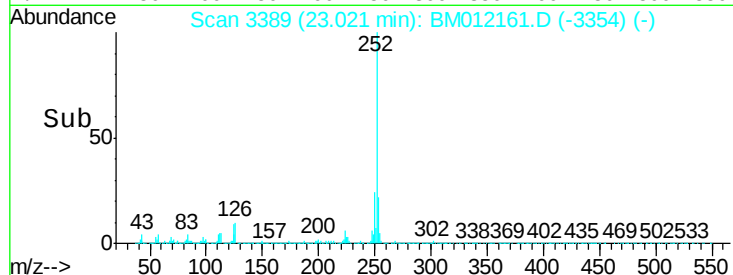
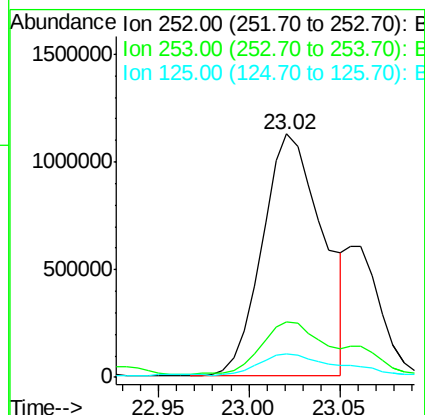
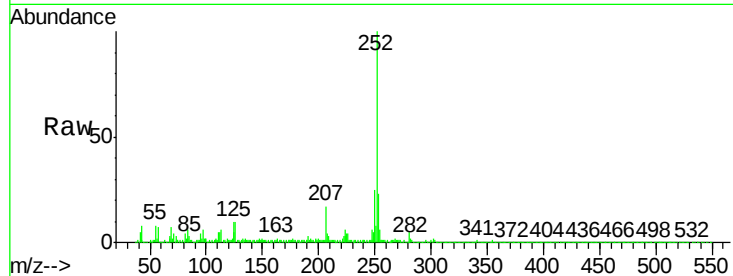
#85
Benzo(b)fluoranthene
Concen: 29.214 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Instrument :
BNA_M
ClientSampled :
DUP-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.8	3.6	5.4

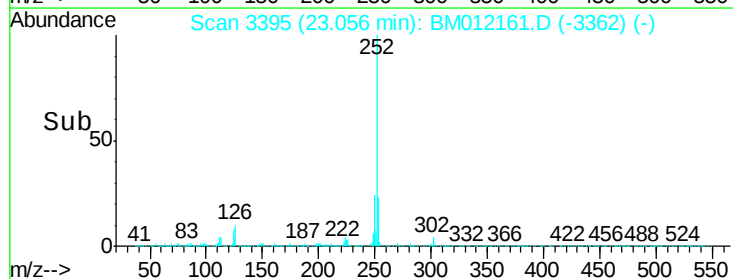
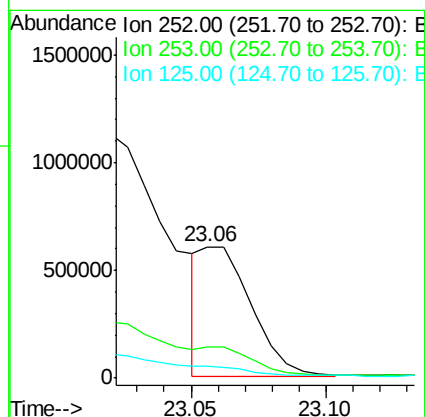
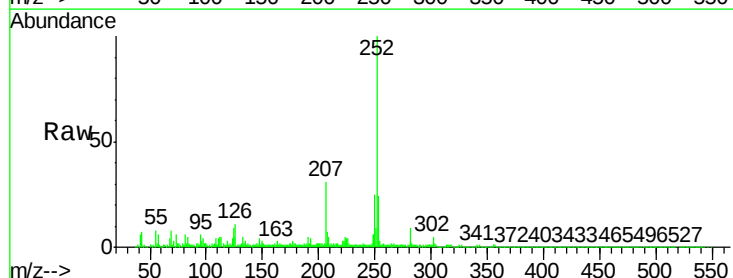
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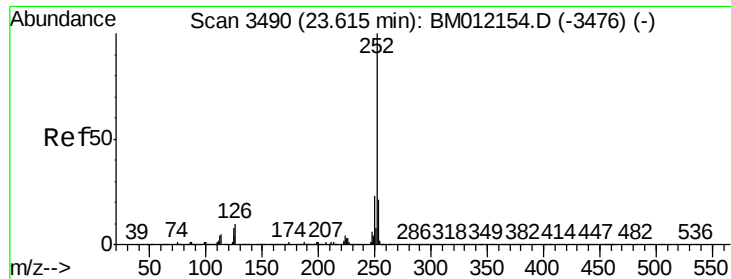
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#86
Benzo(k)fluoranthene
Concen: 8.979 ng/ul m
RT: 23.06 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	9.4	3.4	5.2





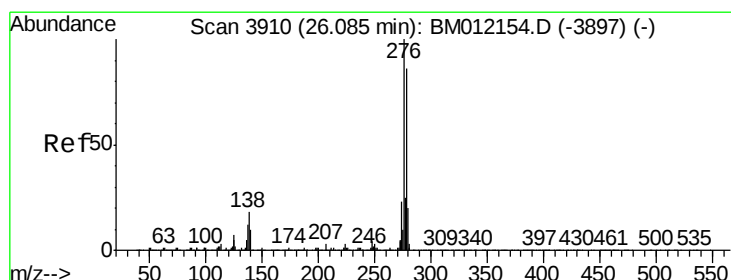
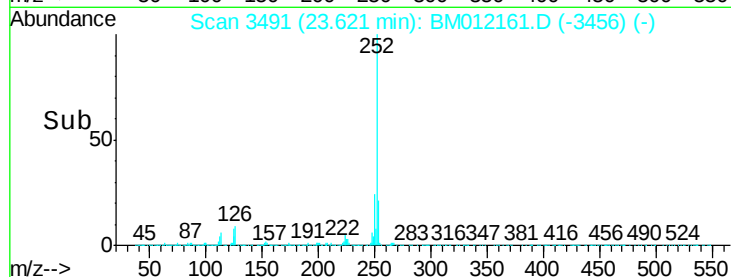
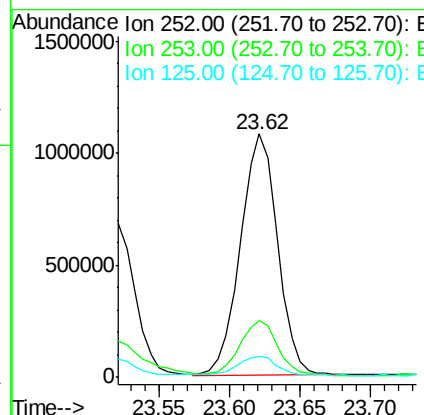
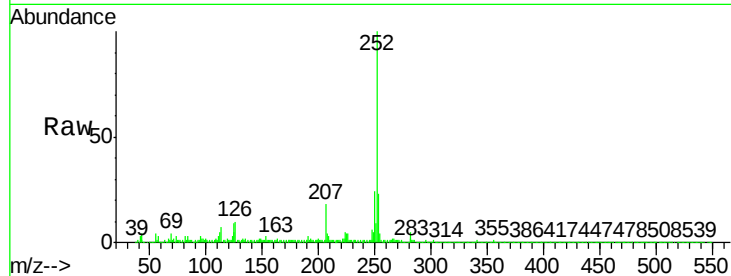
#88
Benzo(a)pyrene
Concen: 23.418 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Instrument :
BNA_M
ClientSampled :
DUP-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.8	4.0	6.0#

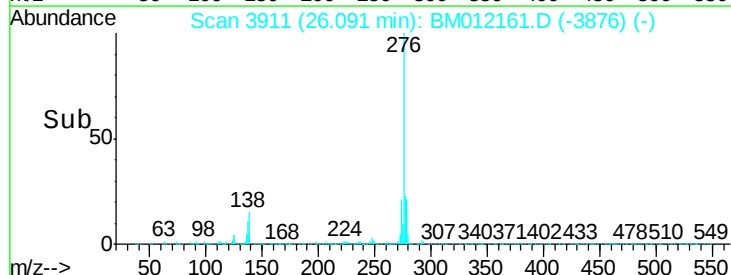
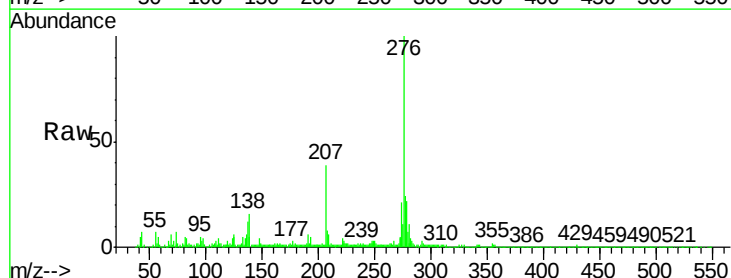
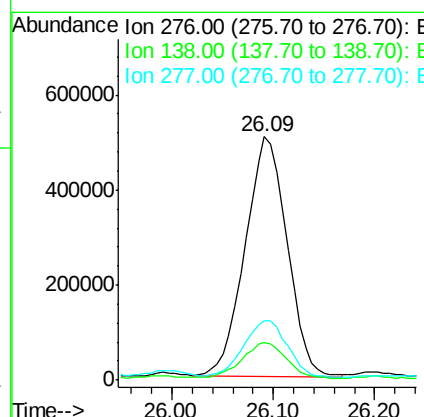
Manual Integrations
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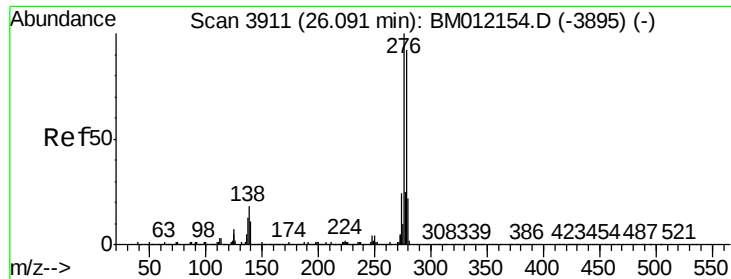
Sohil
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#89
Indeno(1,2,3-cd)pyrene
Concen: 16.226 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	24.2	19.9	29.9





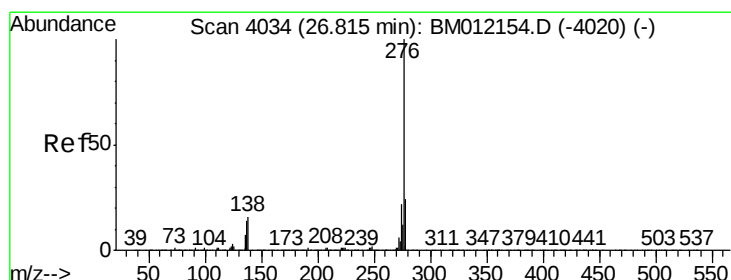
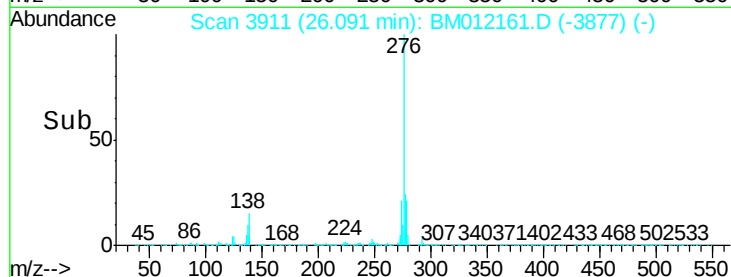
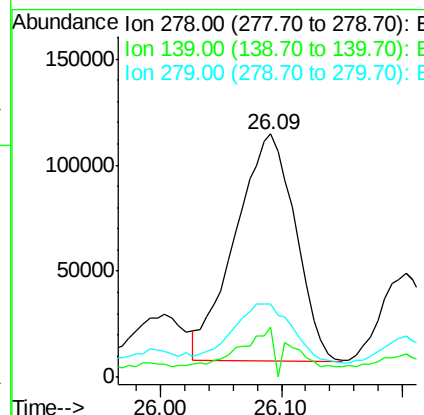
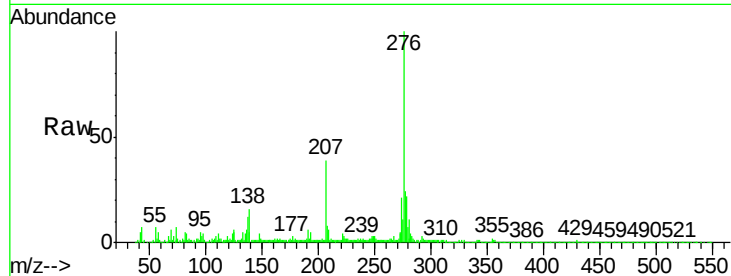
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Dibenzo(a,h)anthracene
Concen: 4.904 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Instrument :
BNA_M
ClientSampleId :
DUP-2

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	5.8	8.8#
279	30.3	18.6	27.8#

Manual Integrations
APPROVED

Sohil
6/22/2018 5:57:56 PM



#91
Benzo(g,h,i)perylene
Concen: 16.503 ng/ul
RT: 26.83 min Scan# 4036
Delta R.T. 0.01 min
Lab File: BM012161.D
Acq: 14 Oct 2017 07:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	8.5	12.7#
277	25.1	18.6	28.0

