

Data Path : Z:\HPCHEM1\BNA M\Data\BM101217\
 Data File : BM012134.D
 Acq On : 13 Oct 2017 13:18
 Operator : SJ/JU
 Sample : I5550-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:37:29 PM

Quant Time: Oct 14 00:38:36 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	7.85	152	209739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	880818	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	531822	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	1189322	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1116392	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1065050	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	11458	2.60	ng/uL	0.00
5) Phenol-d5	7.02	99	304550	17.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	190071	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	269979	18.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	260974	17.81	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	135429	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	159695	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	295502	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	98599	7.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	946432	20.14	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1195651	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	102221	14.47	ng/ul	0.00
57) Fluorene-d10	15.49	176	811488	21.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	49582	6.07	ng/ul	0.00
70) Anthracene-d10	17.35	188	1236149	21.02	ng/ul	0.00
76) Pyrene-d10	19.64	212	1304389	23.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1139280	22.19	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.70	128	124446	2.73	ng/ul#	97
30) 4-Chloroaniline	10.82	127	20521	1.49	ng/ul	93
44) Dimethylphthalate	13.95	163	384115	8.16	ng/ul	98
49) Acenaphthene	14.56	153	121994	3.24	ng/ul	99
53) Dibenzofuran	14.90	168	87862	1.62	ng/ul	95
58) Fluorene	15.55	166	116580	2.59	ng/ul	100
69) Phenanthrene	17.29	178	1676894	24.79	ng/ul	99
71) Anthracene	17.38	178	324708	4.64	ng/ul	96
72) Carbazole	17.66	167	205836	3.47	ng/ul	98
73) Di-n-butylphthalate	18.20	149	307124	3.73	ng/ul	98
74) Fluoranthene	19.31	202	2832172	34.69	ng/ul#	92
77) Pyrene	19.67	202	2402554	32.59	ng/ul#	92
80) Benzo(a)anthracene	21.42	228	1218896	16.78	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.32	149	402023	8.16	ng/ul	99
82) Chrysene	21.47	228	1371977	20.12	ng/ul#	95
85) Benzo(b)fluoranthene	23.07	252	1839633	26.47	ng/ul#	92
86) Benzo(k)fluoranthene	23.11	252	489152m	7.30	ng/ul	
88) Benzo(a)pyrene	23.68	252	1107456	16.91	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	26.20	276	811655	11.67	ng/ul#	91
90) Dibenz(a,h)anthracene	26.20	278	221595	3.79	ng/ul#	53
91) Benzo(a,h,i)perylene	26.94	276	706549	12.40	ng/ul#	84

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

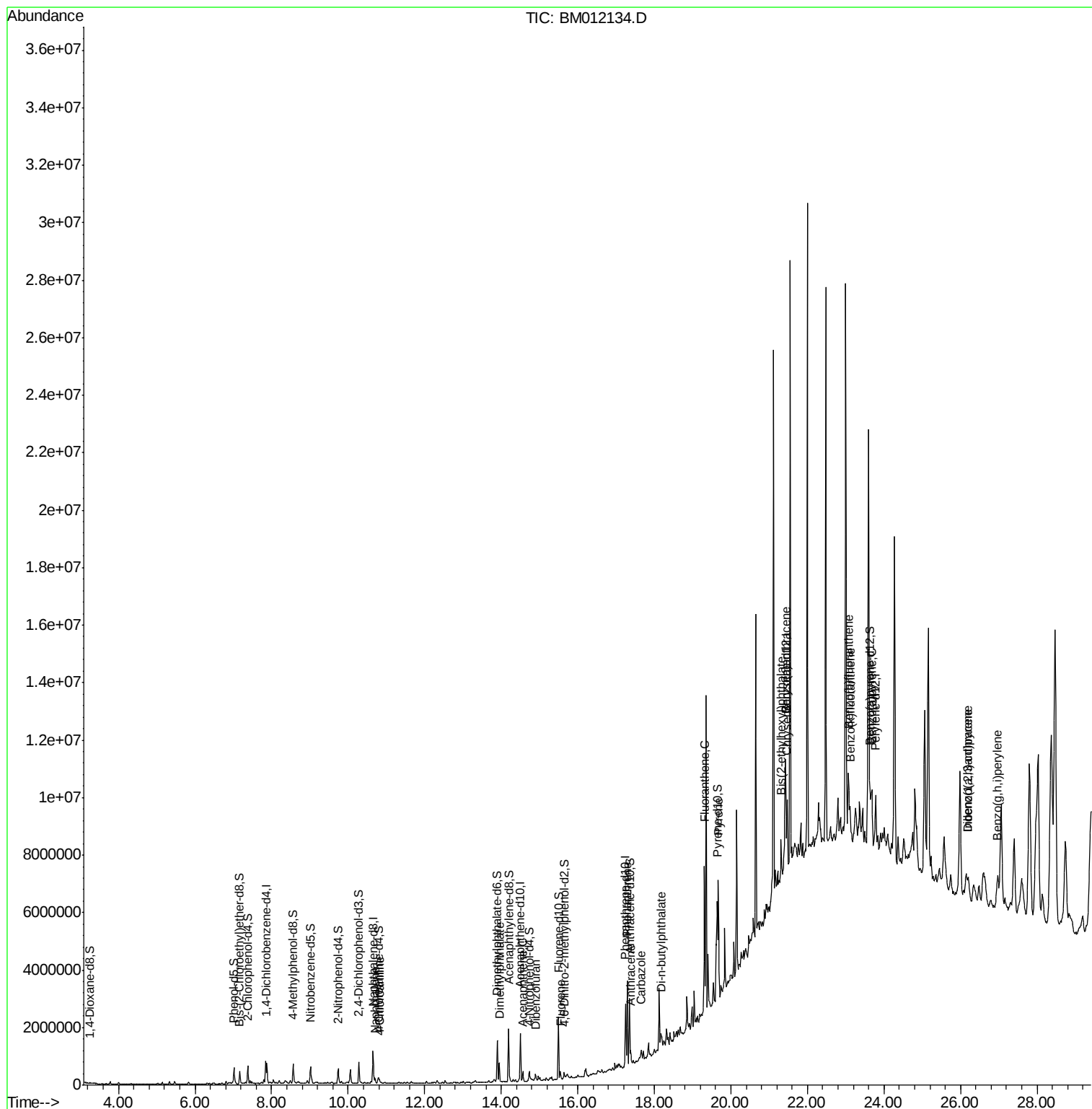
Data Path : Z:\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012134.D
Acq On : 13 Oct 2017 13:18
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

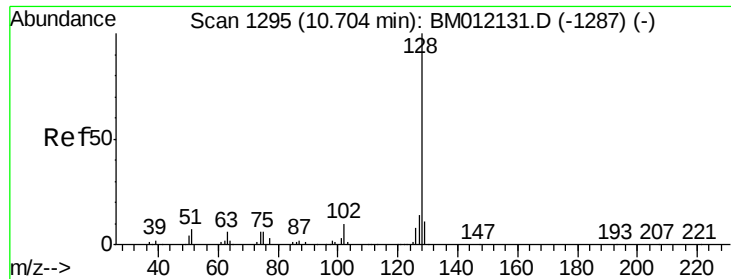
Instrument :
BNA_M
ClientSampled :
C0AF0

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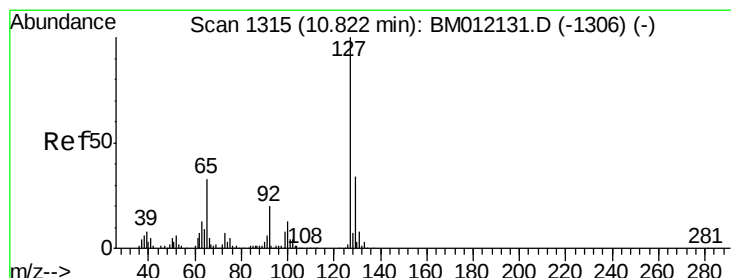
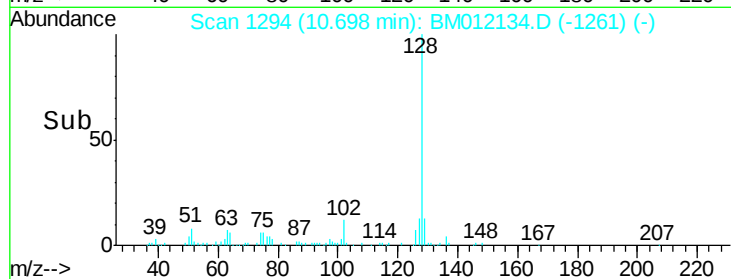
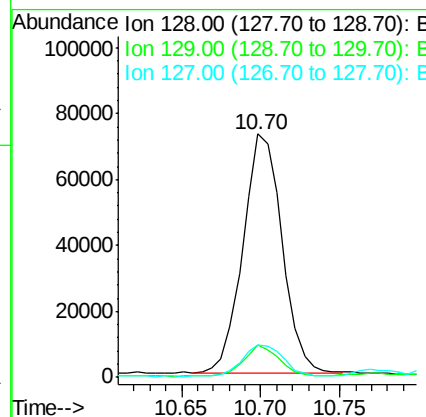
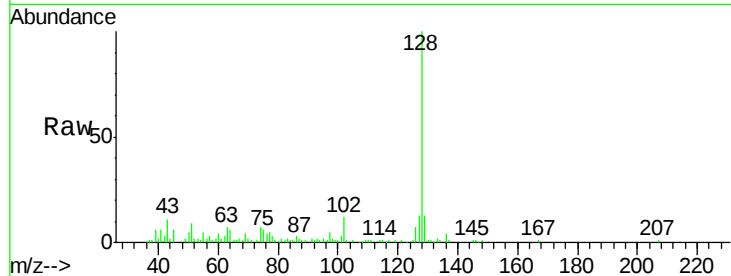
#28
Naphthalene
Concen: 2.73 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampled :
C0AF0

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.8	13.2#
127	13.3	10.6	16.0

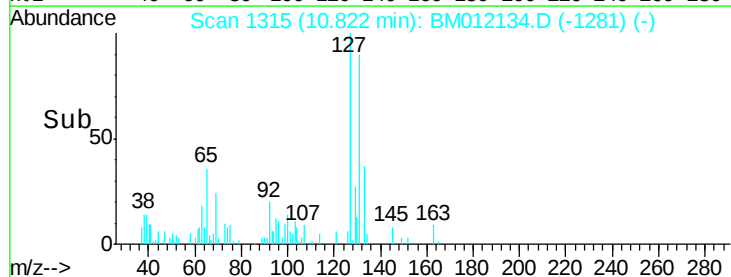
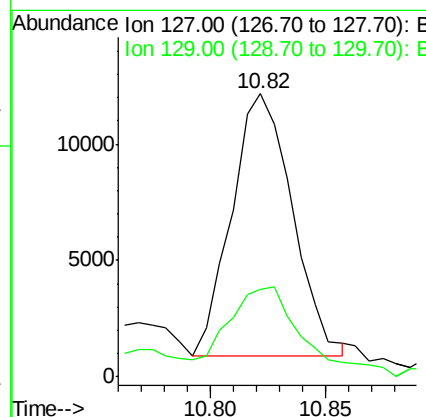
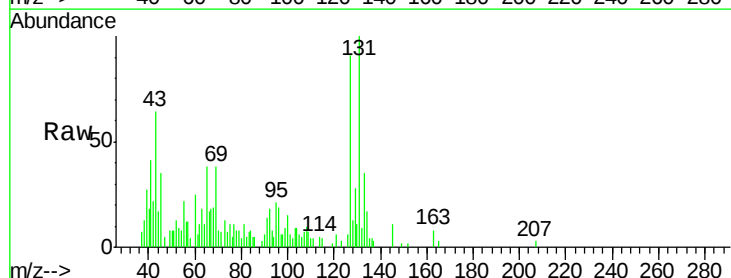
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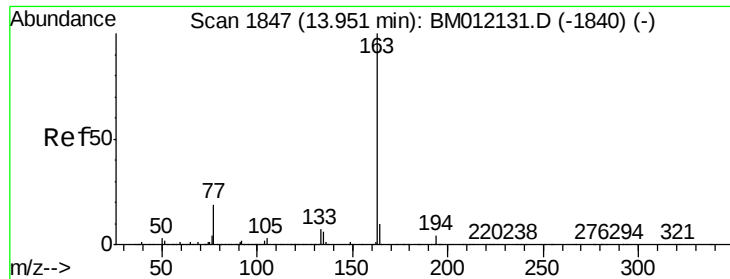
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#30
4-Chloroaniline
Concen: 1.49 ng/ul
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	28.4	42.6





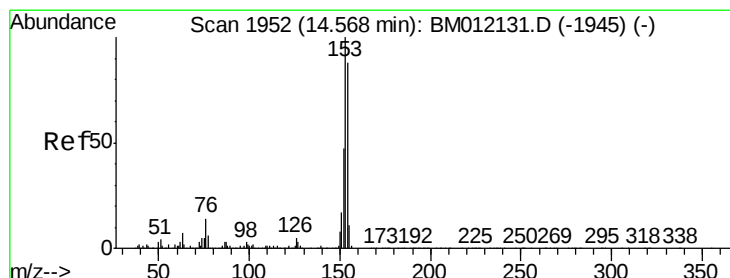
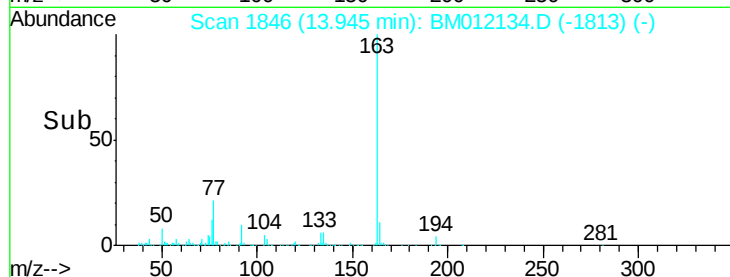
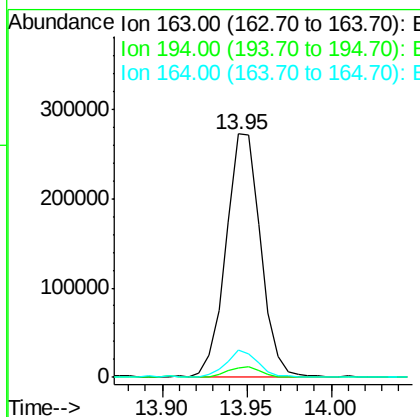
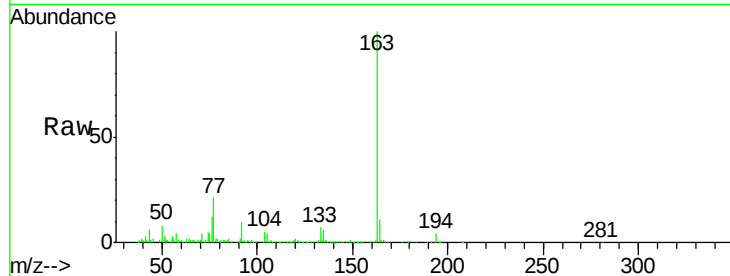
#44
Dimethylphthalate
Concen: 8.16 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	384115		
194	3.8		3.5	5.3
164	11.0		8.2	12.4

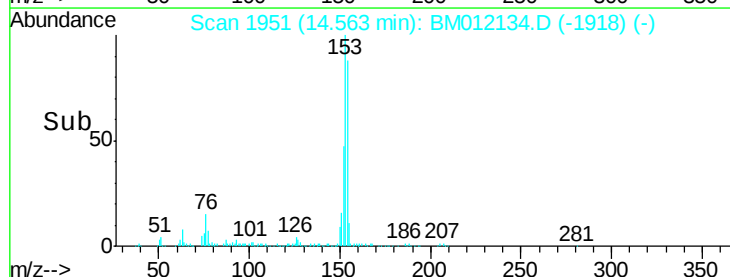
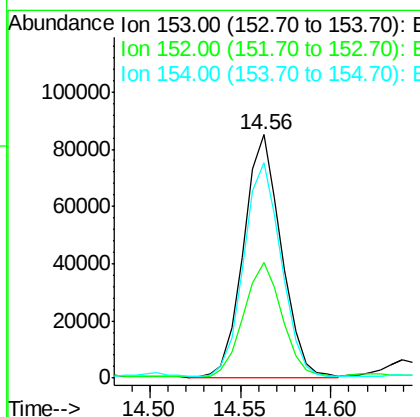
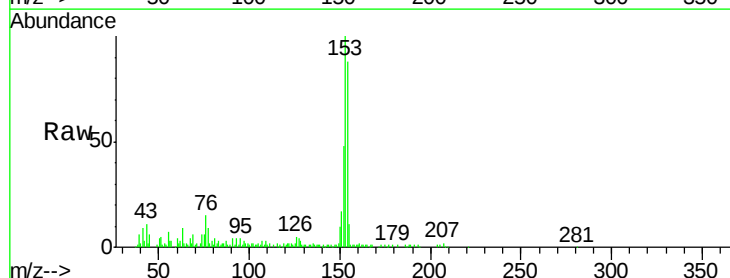
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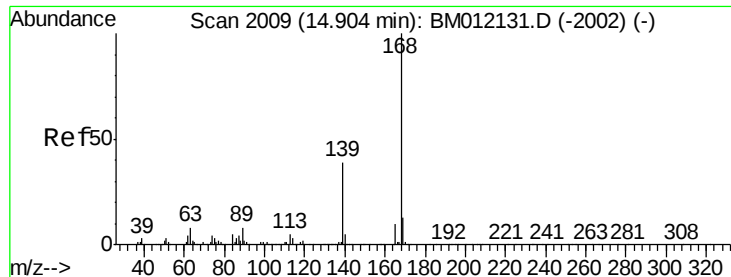
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#49
Acenaphthene
Concen: 3.24 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	121994		
152	47.6		37.6	56.4
154	88.3		70.4	105.6





#53

Dibenzenofuran

Concen: 1.62 ng/ul

RT: 14.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM012134.D

Acq: 13 Oct 2017 13:18

Instrument :

BNA_M

ClientSampleId :

C0AF0

Tot Ion:168 Resp: 87862

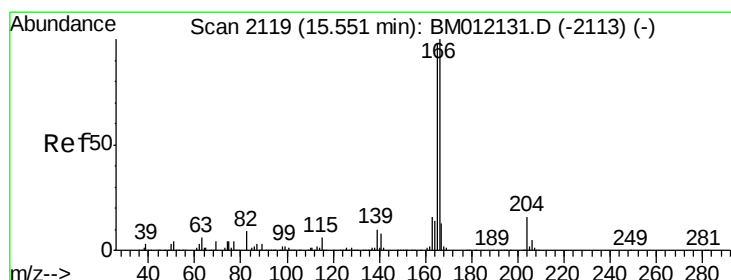
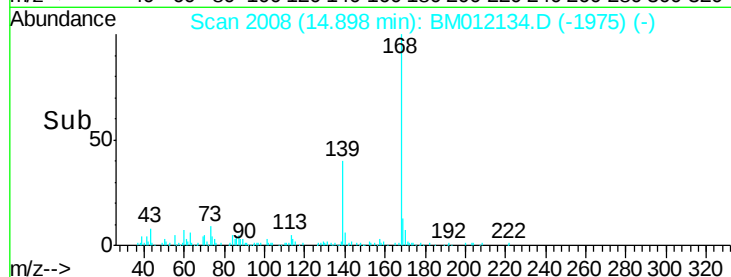
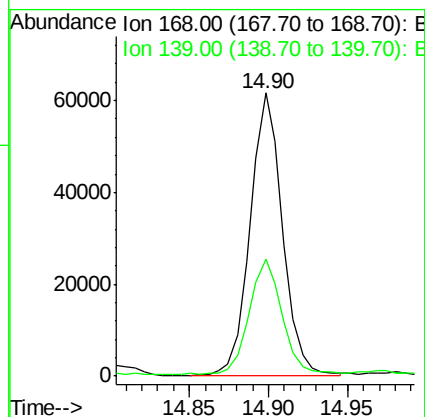
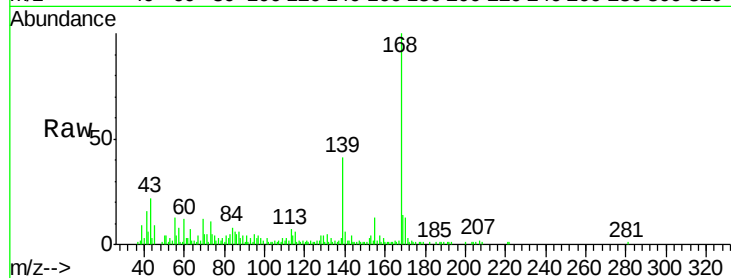
Ion Ratio Lower Upper

168 100

139 41.5 30.8 46.2

Manual Integrations
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#58

Fluorene

Concen: 2.59 ng/ul

RT: 15.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BM012134.D

Acq: 13 Oct 2017 13:18

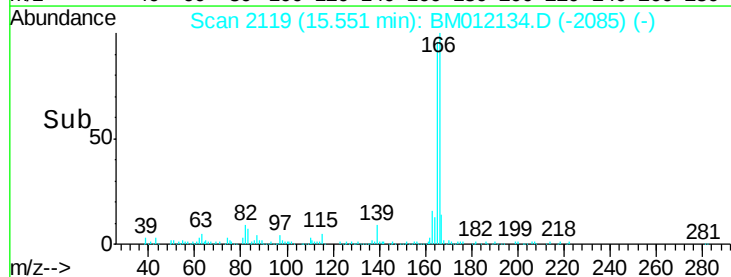
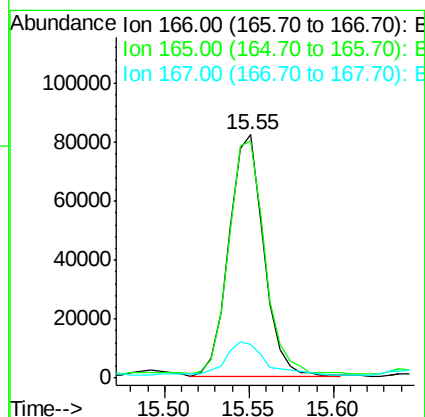
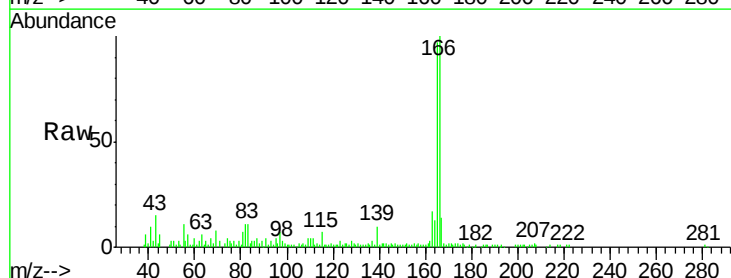
Tgt Ion:166 Resp: 116580

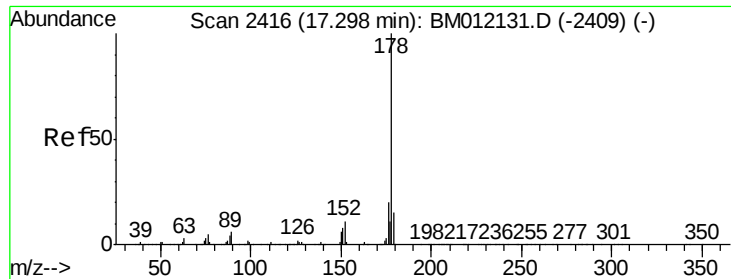
Ion Ratio Lower Upper

166 100

165 97.2 77.9 116.9

167 14.1 10.6 16.0





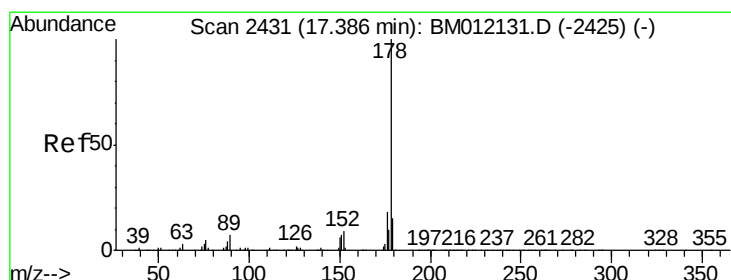
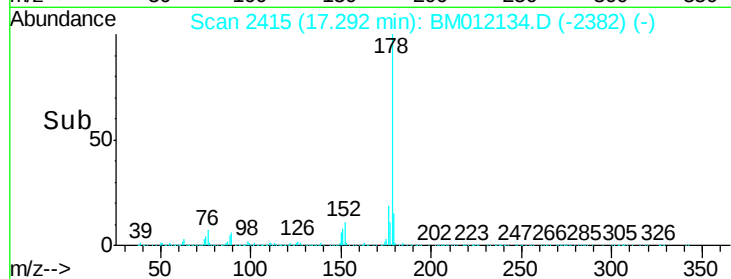
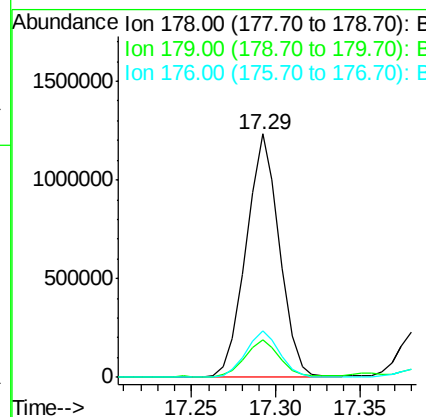
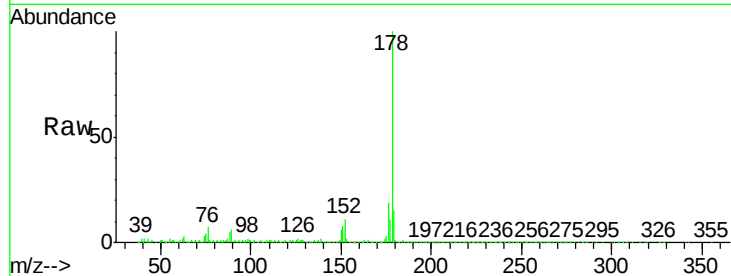
#69
Phenanthrene
Concen: 24.79 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.0	14.9	22.3

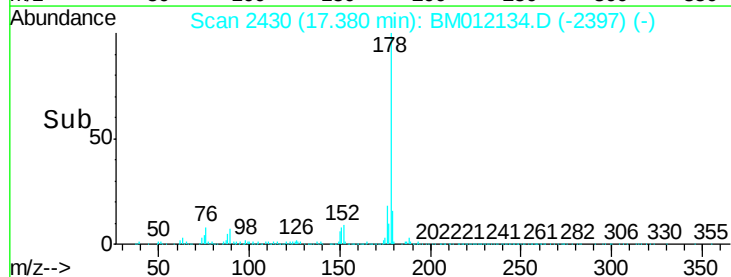
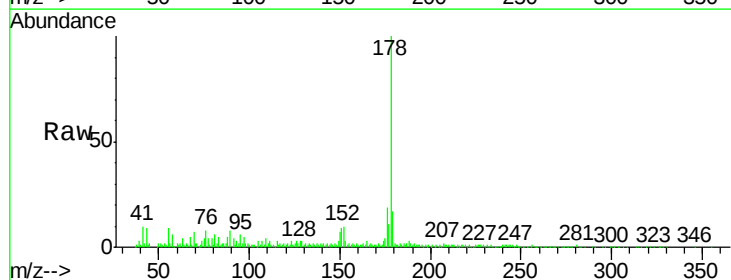
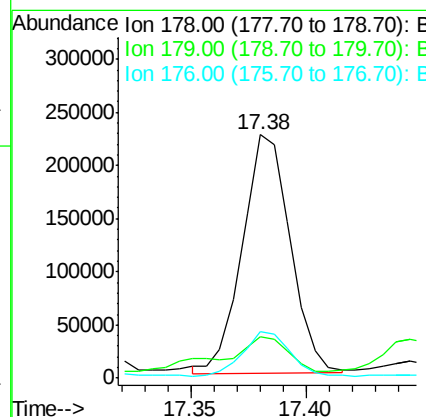
Manual Integrations
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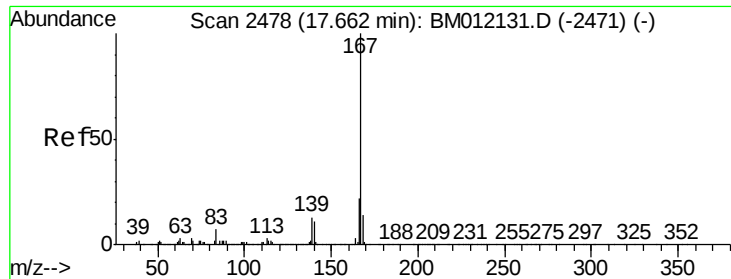
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#71
Anthracene
Concen: 4.64 ng/ul
RT: 17.38 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.7	17.5
176	18.8	14.6	21.8





#72

Carbazole

Concen: 3.47 ng/ul

RT: 17.66 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM012134.D

Acq: 13 Oct 2017 13:18

Instrument :

BNA_M

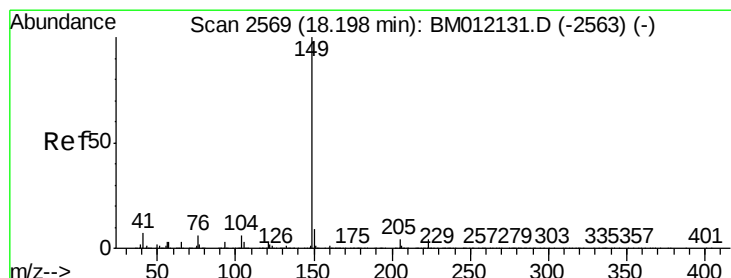
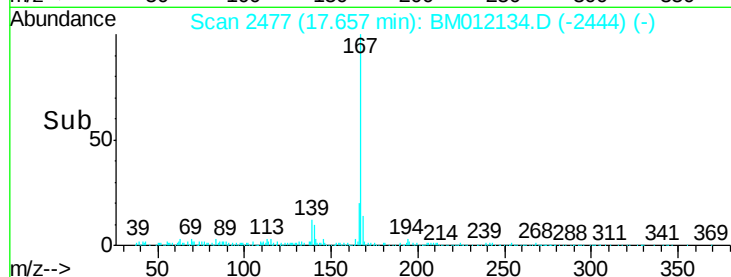
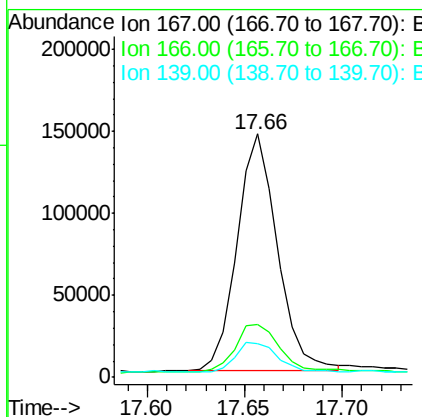
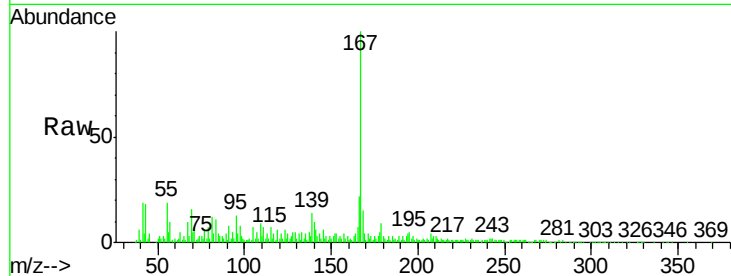
ClientSampleId :

C0AF0

Tot Ion:	167	Resp:	205836
Ion Ratio		Lower	Upper
167	100		
166	22.0	17.1	25.7
139	13.6	10.0	15.0

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 3.73 ng/ul

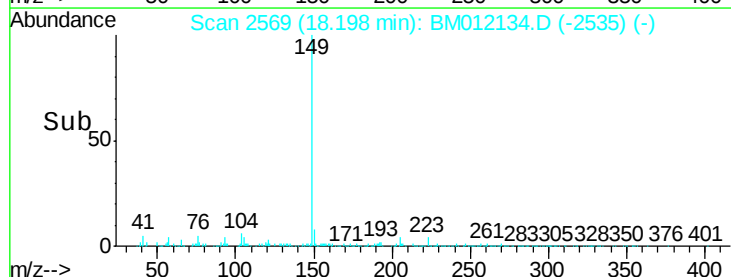
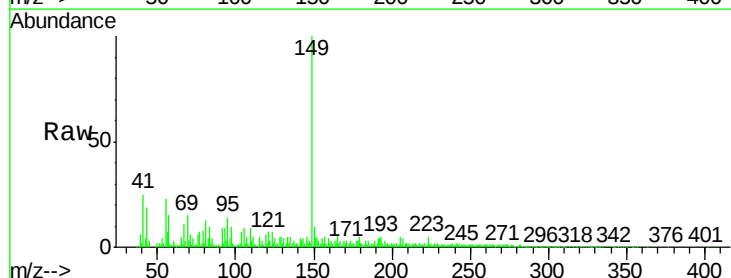
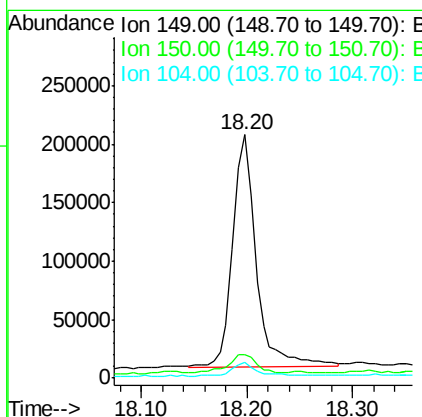
RT: 18.20 min Scan# 2569

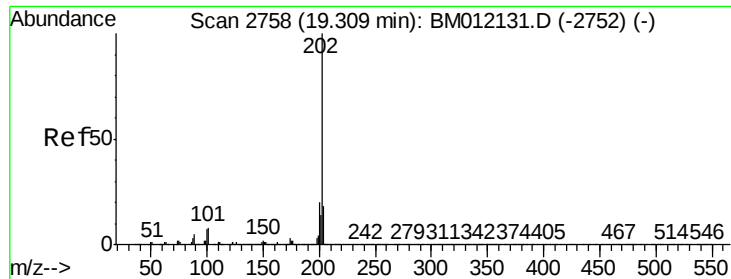
Delta R.T. 0.00 min

Lab File: BM012134.D

Acq: 13 Oct 2017 13:18

Tgt Ion:	149	Resp:	307124
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.1	10.7
104	6.6	5.6	8.4





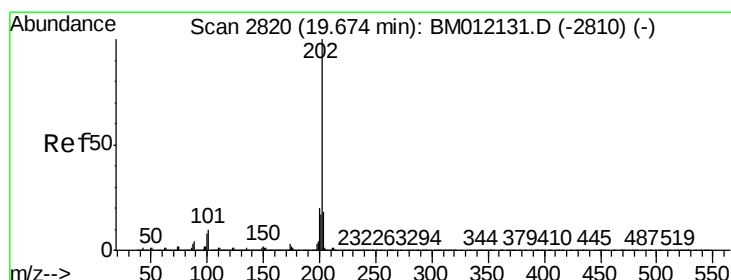
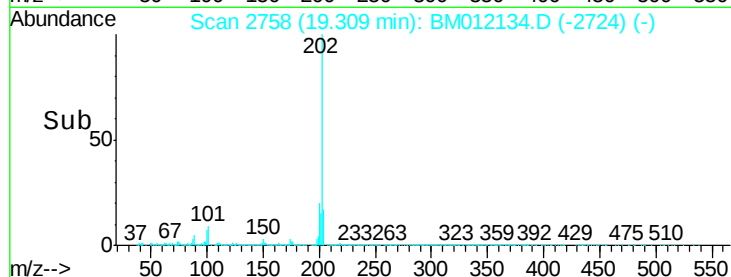
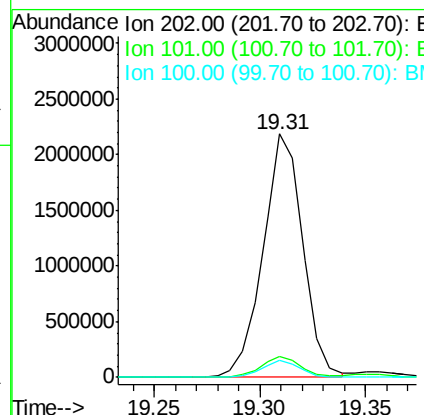
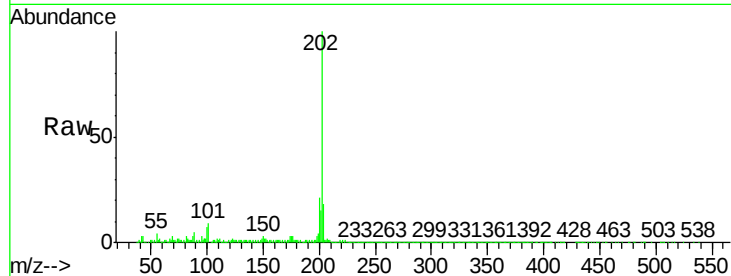
#74
Fluoranthene
Concen: 34.69 ng/ul
RT: 19.31 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2832172		
101	8.8	4.6	7.0#		
100	6.8	3.4	5.2#		

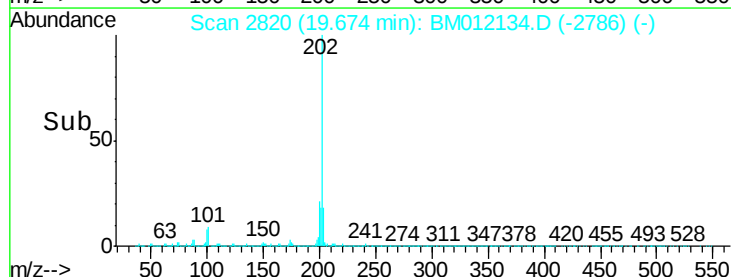
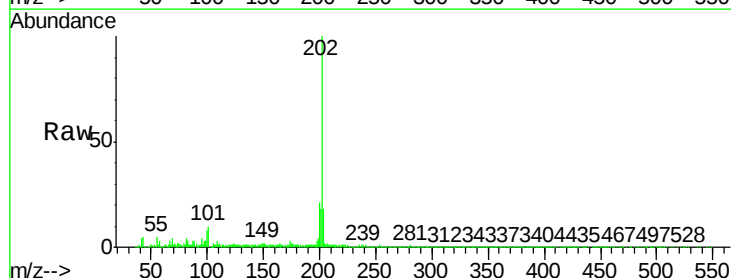
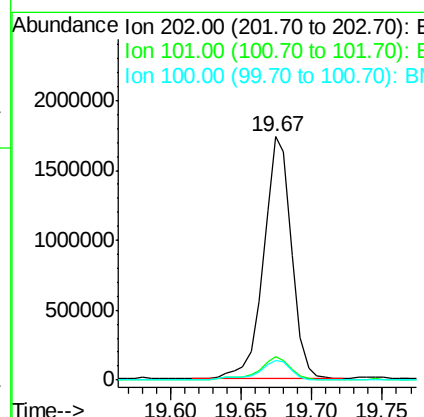
Manual Integrations
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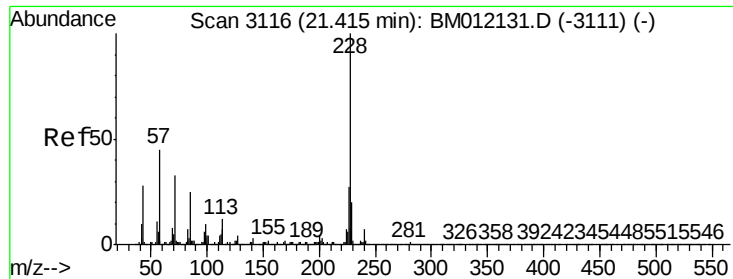
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#77
Pyrene
Concen: 32.59 ng/ul
RT: 19.67 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2402554		
101	9.5	5.1	7.7#		
100	8.3	4.9	7.3#		





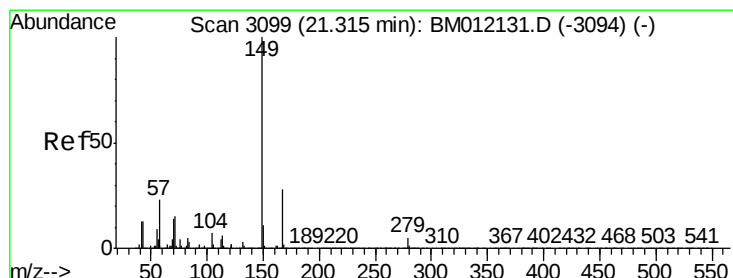
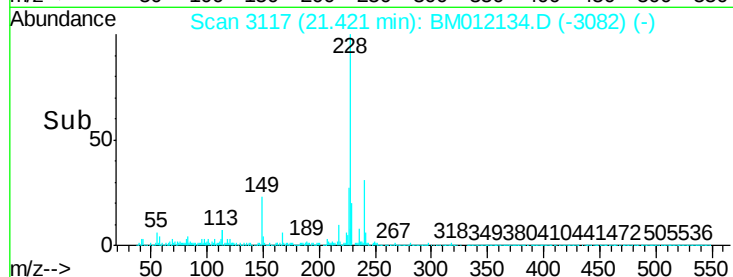
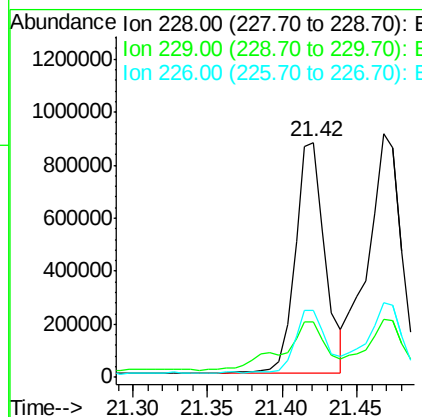
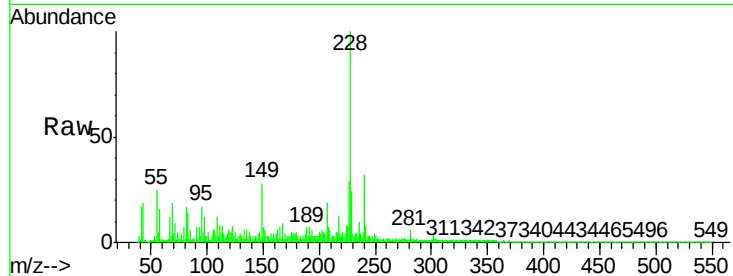
#80
Benzo(a)anthracene
Concen: 16.78 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.4	23.0#
226	28.6	21.4	32.0

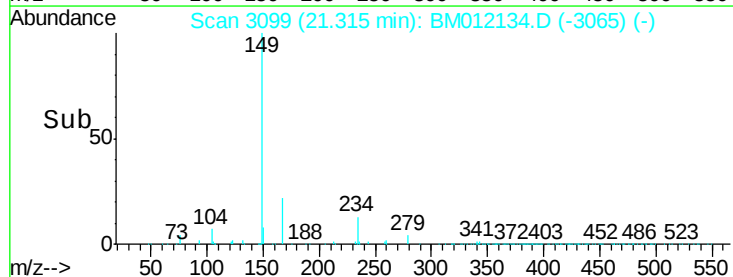
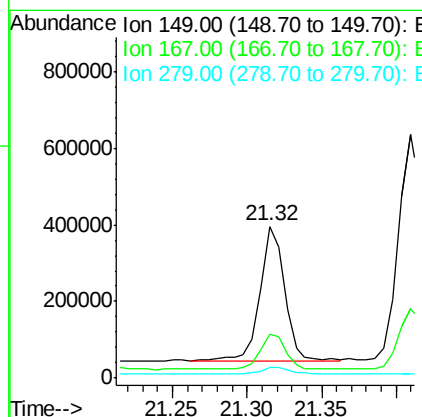
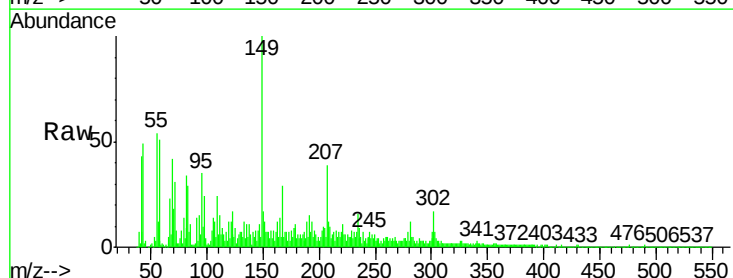
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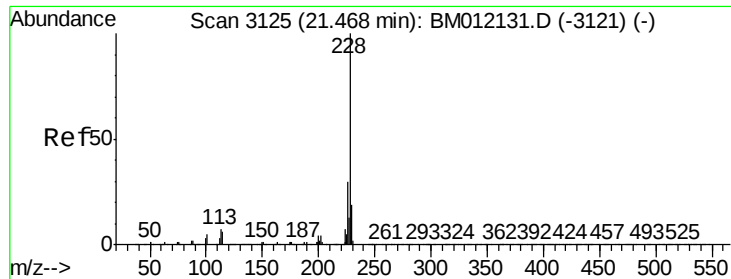
Sohil
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#81
Bis(2-ethylhexyl)phthalate
Concen: 8.16 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.8	34.2
279	6.8	4.9	7.3





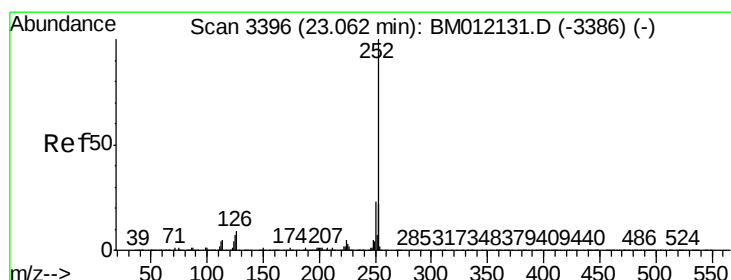
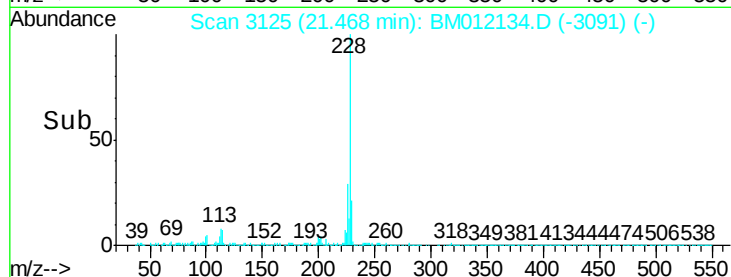
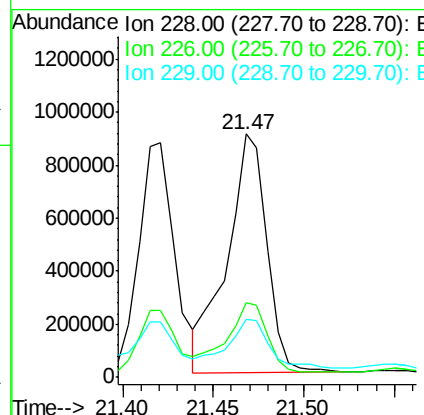
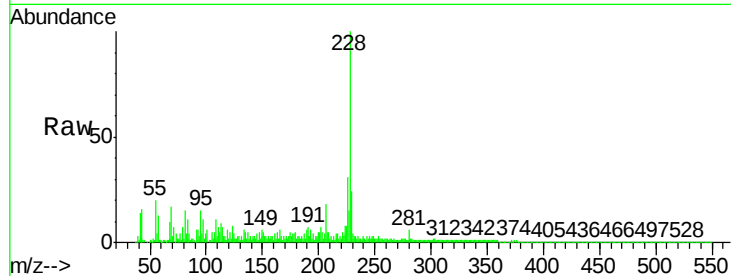
#82
Chrysene
Concen: 20.12 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	23.6	15.5	23.3

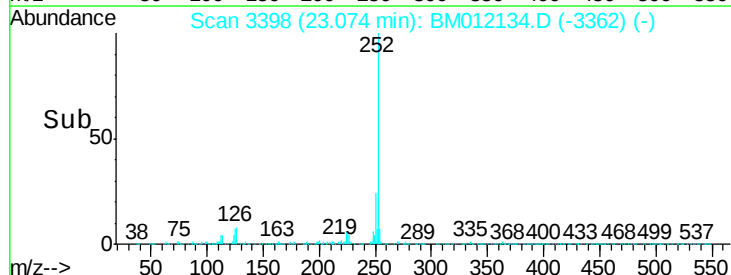
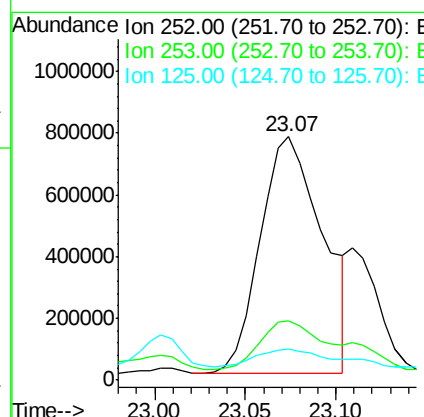
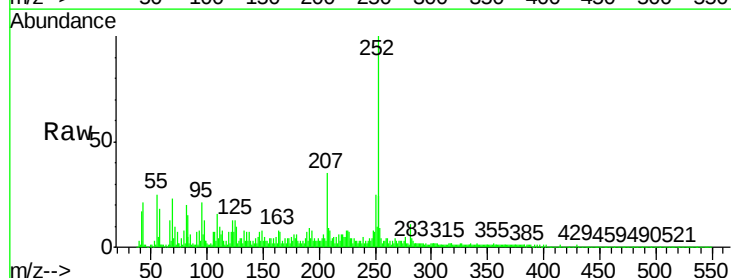
Manual Integrations
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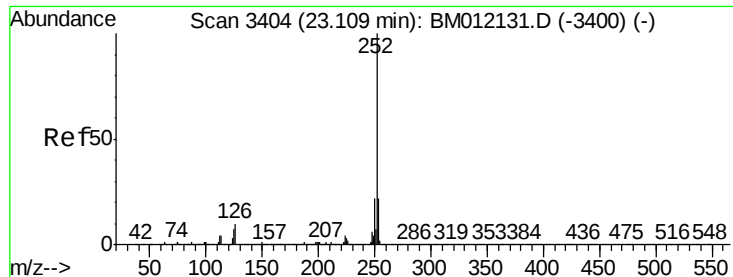
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#85
Benzo(b)fluoranthene
Concen: 26.47 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	12.7	3.6	5.4





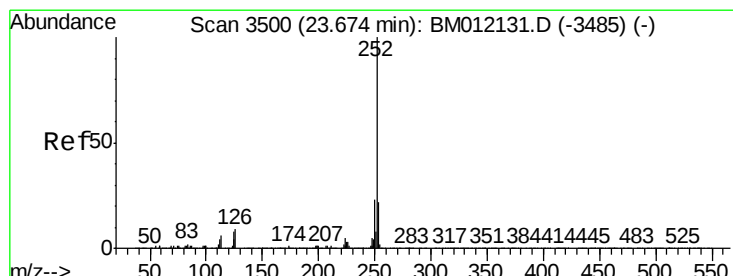
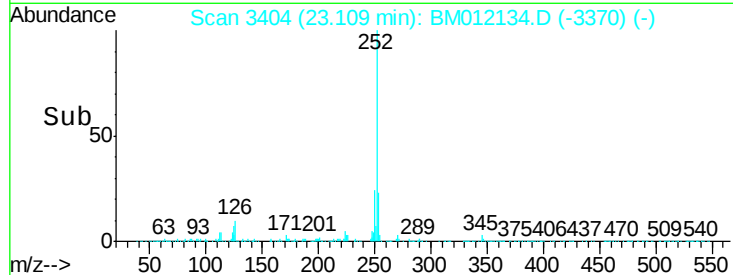
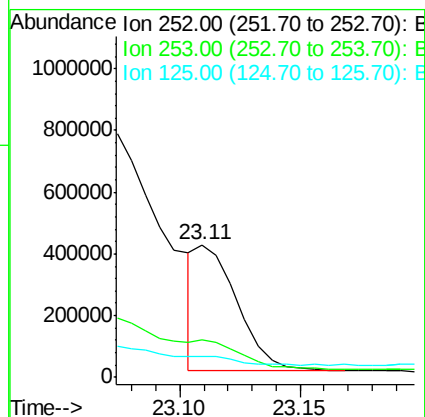
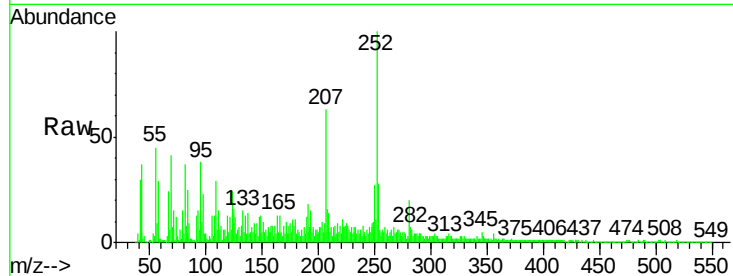
#86
Benzo(k)fluoranthene
Concen: 7.30 ng/ul m
RT: 23.11 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampled :
C0AF0

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.1	25.7#
125	15.6	3.4	5.2#

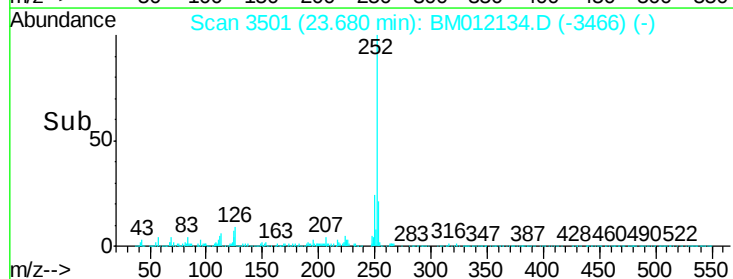
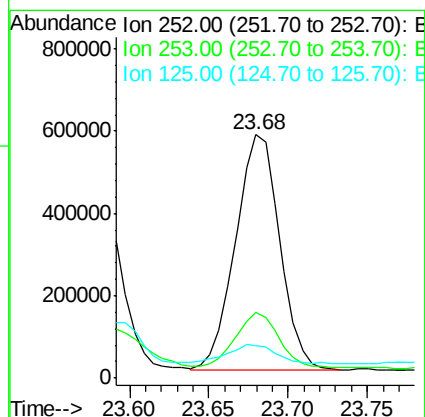
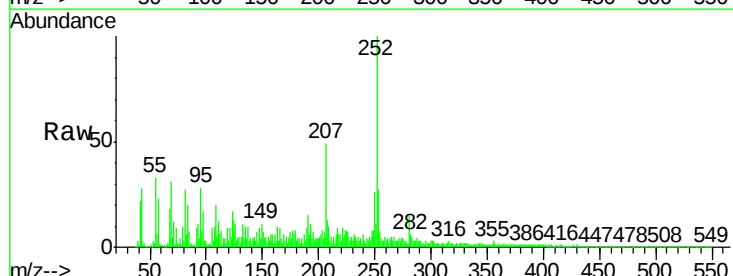
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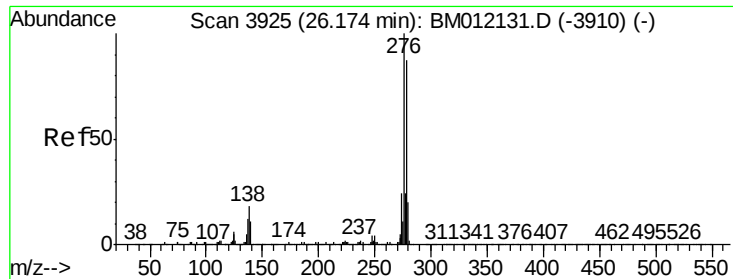
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#88
Benzo(a)pyrene
Concen: 16.91 ng/ul
RT: 23.68 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.2
125	13.5	4.0	6.0#





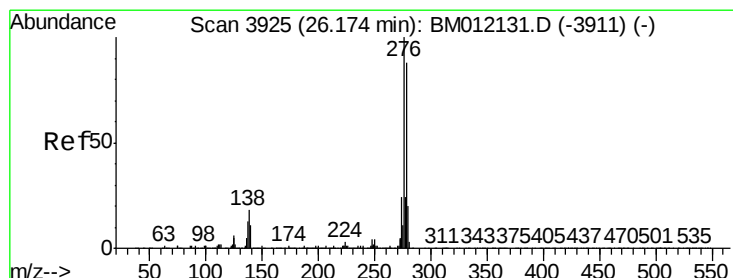
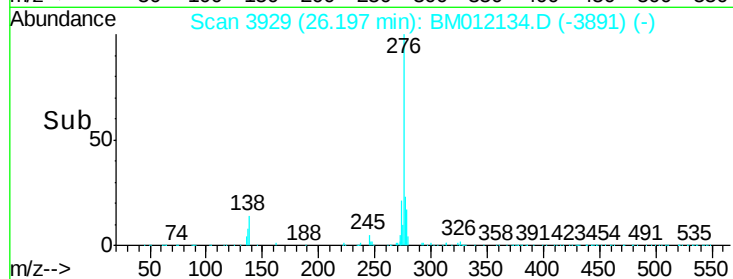
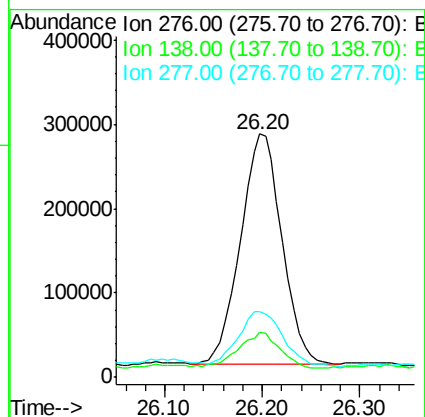
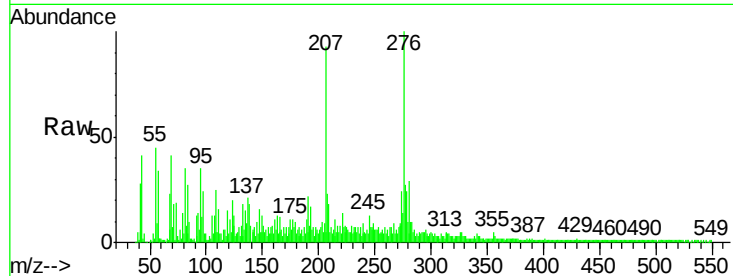
#89
Indeno(1,2,3-cd)pyrene
Concen: 11.67 ng/ul
RT: 26.20 min Scan# 3929
Delta R.T. 0.02 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	9.3	13.9#
277	27.0	19.9	29.9

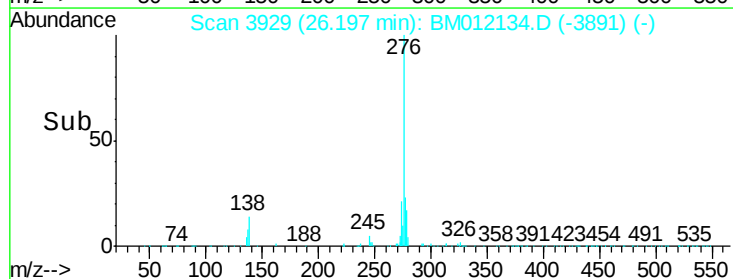
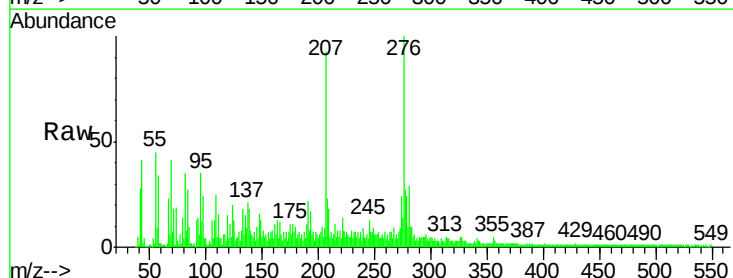
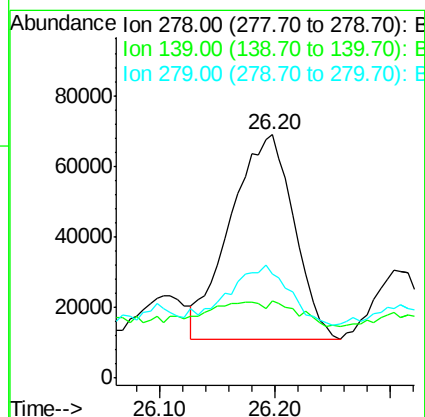
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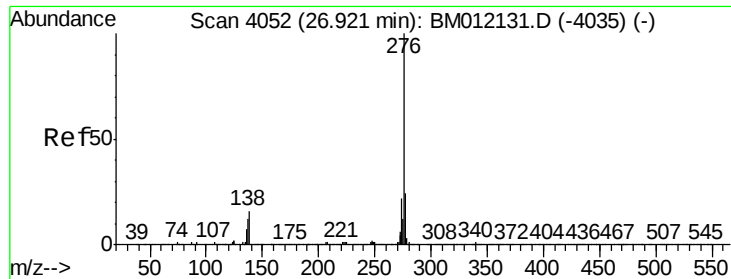
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#90
Dibenzo(a,h)anthracene
Concen: 3.79 ng/ul
RT: 26.20 min Scan# 3929
Delta R.T. 0.02 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.7	5.8	8.8#
279	42.7	18.6	27.8#





#91
Benzo(a,h,i)perylene
Concen: 12.40 ng/ul
RT: 26.94 min Scan# 4056
Delta R.T. 0.02 min
Lab File: BM012134.D
Acq: 13 Oct 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0AF0

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	8.5	12.7#
277	29.6	18.6	28.0#

Manual Integrations
APPROVED

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