

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM122017\
 Data File : BM013524.D
 Acq On : 20 Dec 2017 10:16
 Operator : SJ/JU
 Sample : I6775-07MEDL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A10MEDL

Manual Integrations
 APPROVED

Sohil
 12/20/2017 5:23:04 PM

Quant Time: Dec 20 17:14:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	168453	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	775667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	471356	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1050018	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	942837	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	815982	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	780	0.23	ng/uL	0.00
5) Phenol-d5	6.85	99	22798	1.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	14610	1.76	ng/ul	0.01
9) 2-Chlorophenol-d4	7.21	132	19075	1.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	19317	1.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	9512	1.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	9257	1.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	18219	1.34	ng/ul	0.02
29) 4-Chloroaniline-d4	10.61	131	24912m	2.00	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	72405	1.73	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	86994	1.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	3152	0.43	ng/ul	0.04
57) Fluorene-d10	15.31	176	64969	1.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	1778	0.27	ng/ul	0.01
70) Anthracene-d10	17.16	188	96237	1.83	ng/ul	0.00
76) Pyrene-d10	19.46	212	94186	2.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	71357	1.72	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.50	128	2325409	58.270	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	298410	9.947	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	104930	2.634	ng/ul#	95
49) Acenaphthene	14.37	153	591345	18.123	ng/ul	97
53) Dibenzofuran	14.72	168	544689	11.307	ng/ul	99
58) Fluorene	15.37	166	563933	14.151	ng/ul	97
68) Pentachlorophenol	16.72	266	65608	8.333	ng/ul	97
69) Phenanthrene	17.11	178	3167824	53.104	ng/ul	99
71) Anthracene	17.20	178	311213	5.104	ng/ul	95
72) Carbazole	17.47	167	150779	2.875	ng/ul	99
74) Fluoranthene	19.13	202	1665398	22.781	ng/ul#	93
77) Pyrene	19.49	202	1073133	18.735	ng/ul#	94
80) Benzo(a)anthracene	21.24	228	204832	3.424	ng/ul	96
82) Chrysene	21.29	228	179825	3.240	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	91348	1.661	ng/ul#	94

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

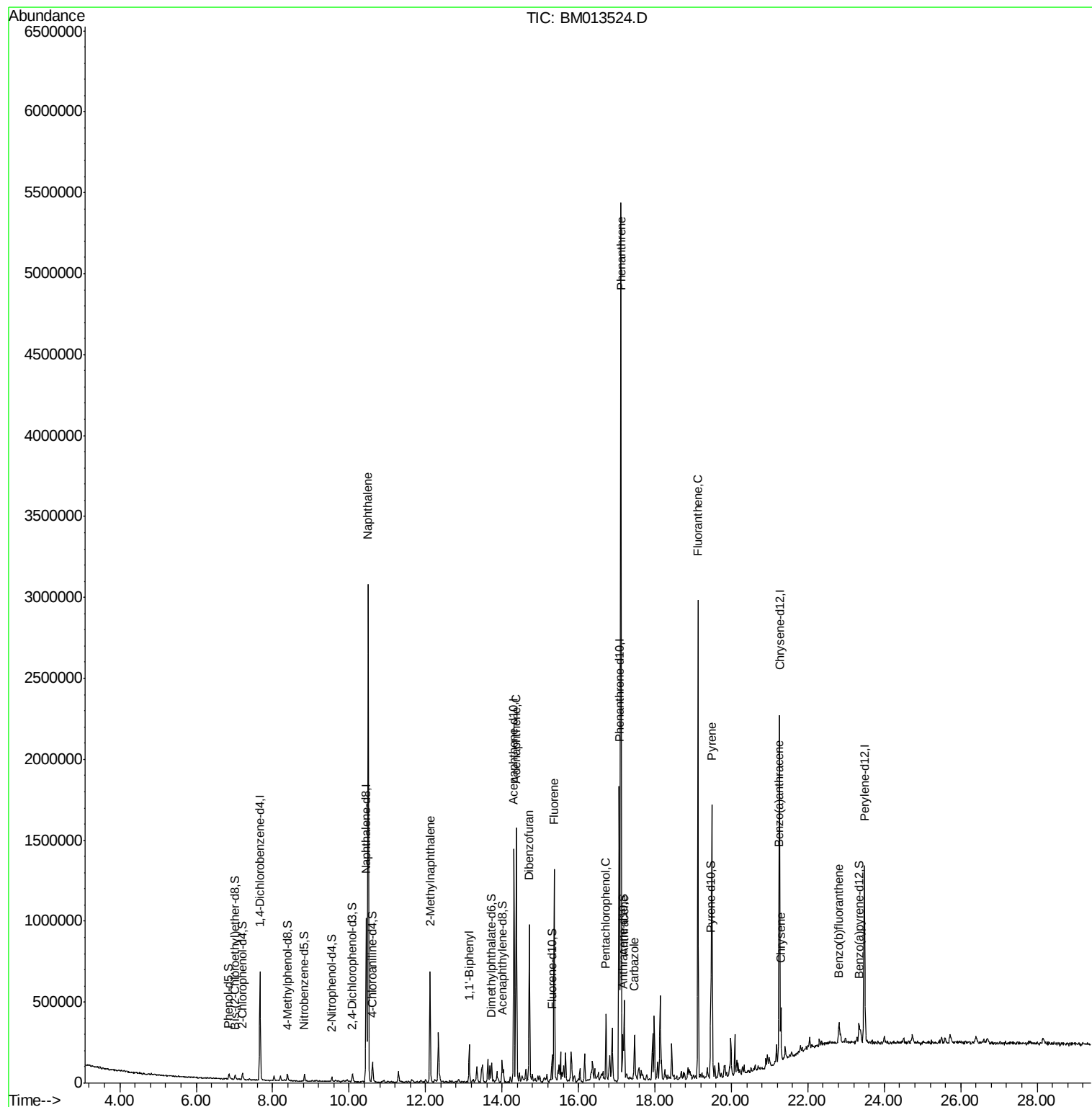
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM122017\
Data File : BM013524.D
Acq On : 20 Dec 2017 10:16
Operator : SJ/JU
Sample : I6775-07MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

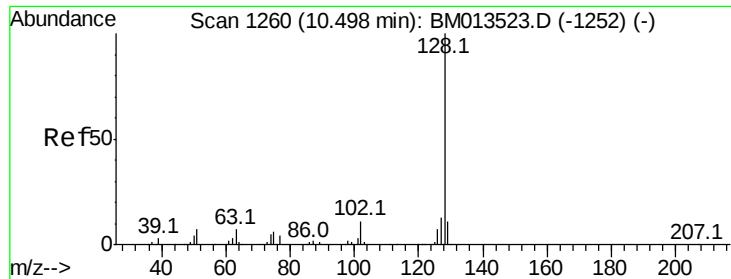
Instrument :
BNA_M
ClientSampleId :
F9A10MEDL

Manual Integrations
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12/20/2017 5:23:04 PM

Quant Time: Dec 20 17:14:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration





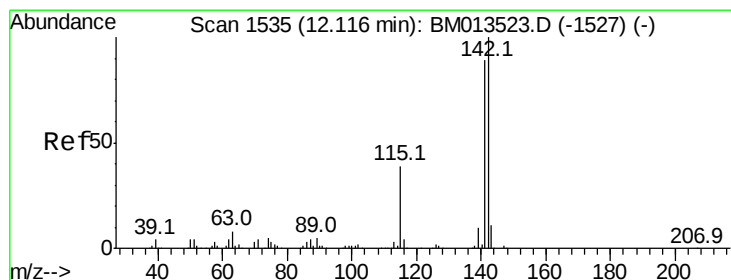
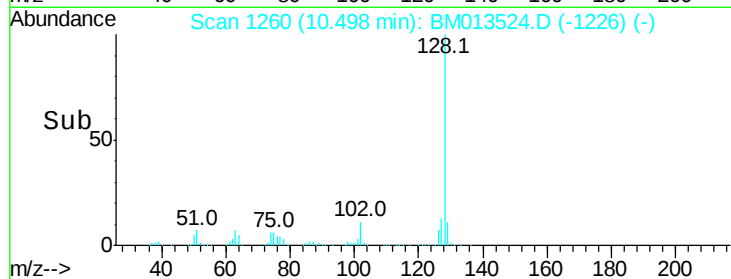
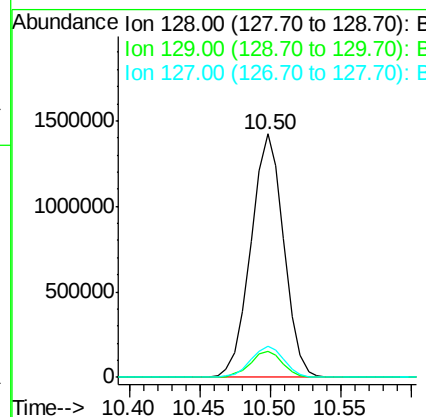
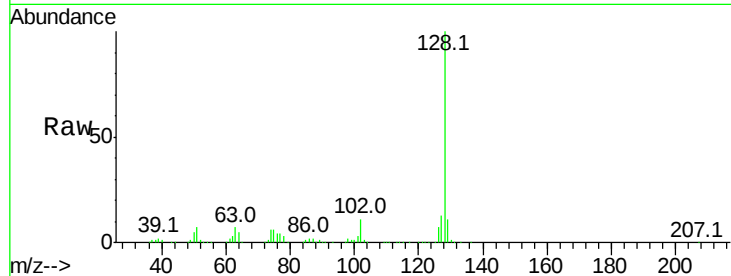
#28
Naphthalene
Concen: 58.270 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM013524.D
Acq: 20 Dec 2017 10:16

Instrument :
BNA_M
ClientSampleId :
F9A10MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.9	10.6	16.0

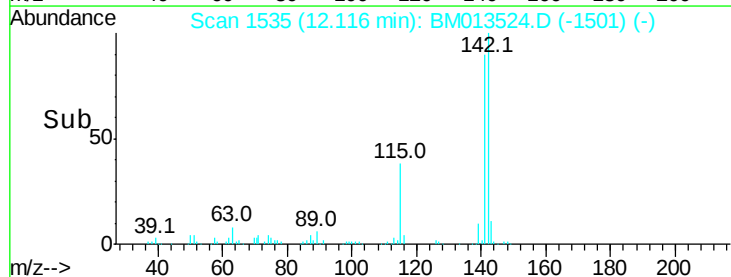
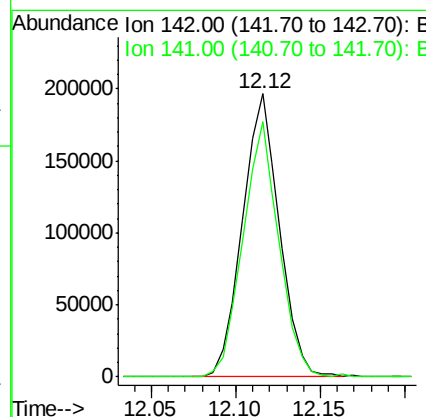
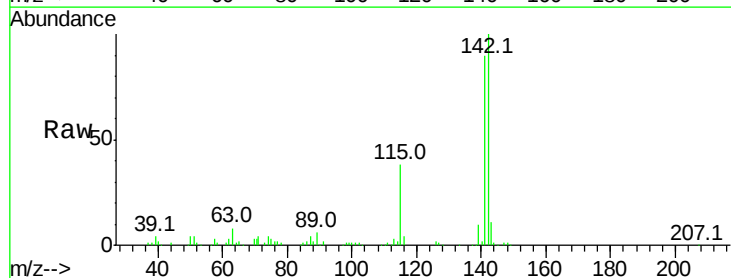
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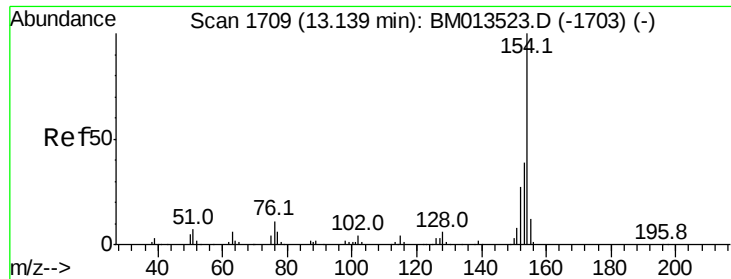
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#34
2-Methylnaphthalene
Concen: 9.947 ng/ul
RT: 12.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM013524.D
Acq: 20 Dec 2017 10:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.1	111.1





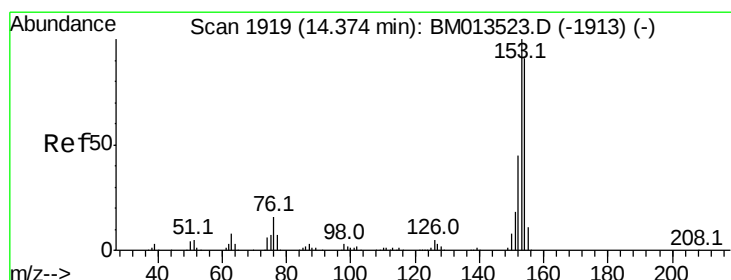
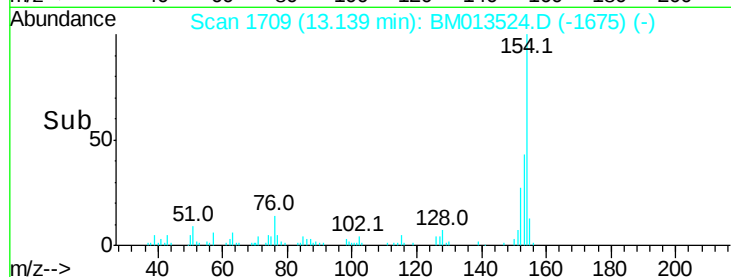
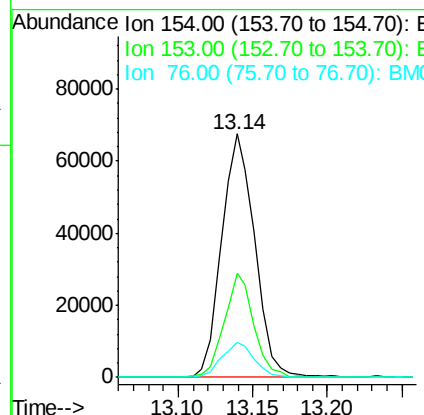
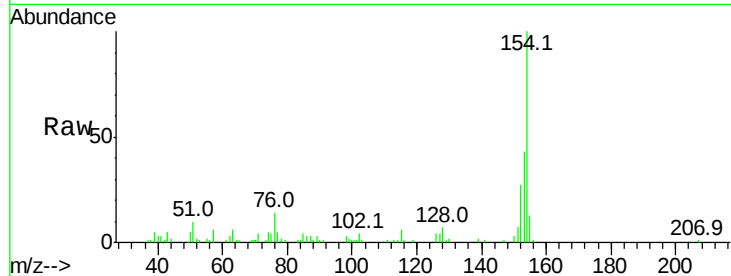
#40
1,1'-Biphenyl
Concen: 2.634 ng/ul
RT: 13.14 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM013524.D
Acq: 20 Dec 2017 10:16

Instrument :
BNA_M
ClientSampleId :
F9A10MEDL

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.9	32.6	48.8	
76	14.3	8.5	12.7	

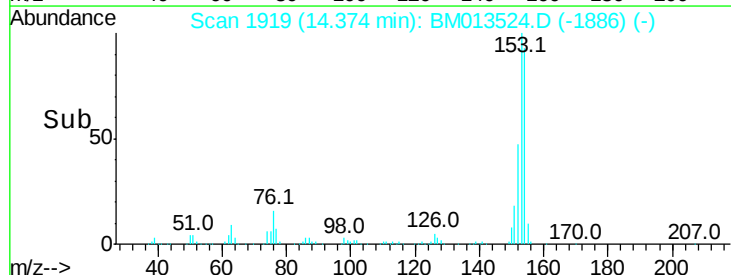
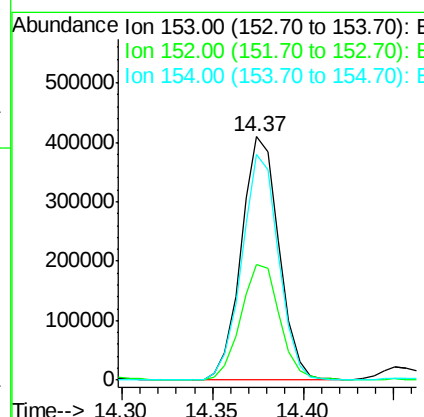
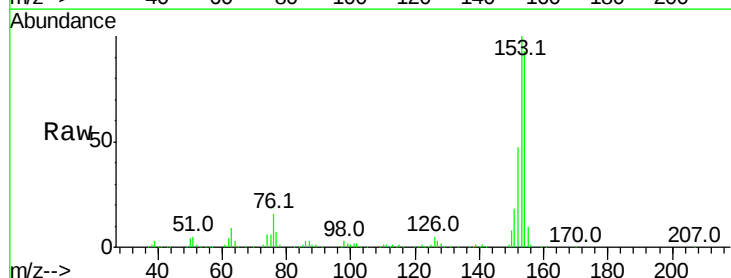
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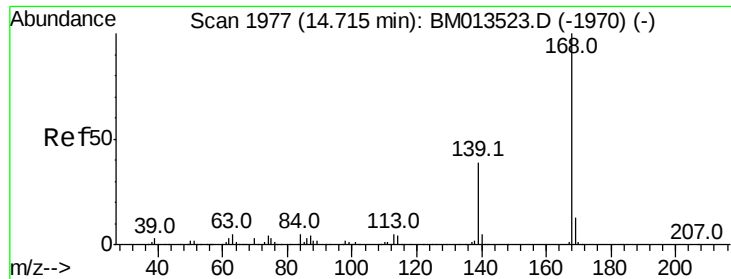
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#49
Acenaphthene
Concen: 18.123 ng/ul
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM013524.D
Acq: 20 Dec 2017 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
153	100			
152	47.3	37.6	56.4	
154	92.6	70.4	105.6	





#53

Dibenzofuran

Concen: 11.307 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM013524.D

Acq: 20 Dec 2017 10:16

Instrument :

BNA_M

ClientSampled :

F9A10MEDL

Tot Ion:168 Resp: 544689

Ion Ratio Lower Upper

168 100

139 39.0

30.8

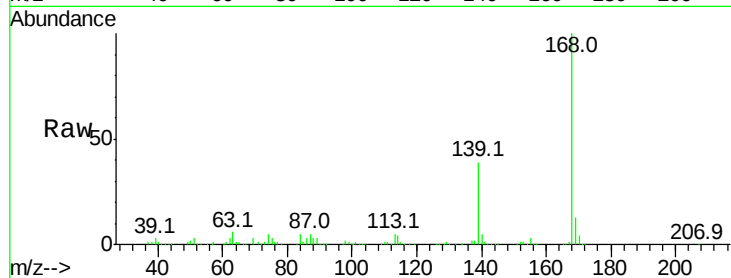
46.2

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

400000

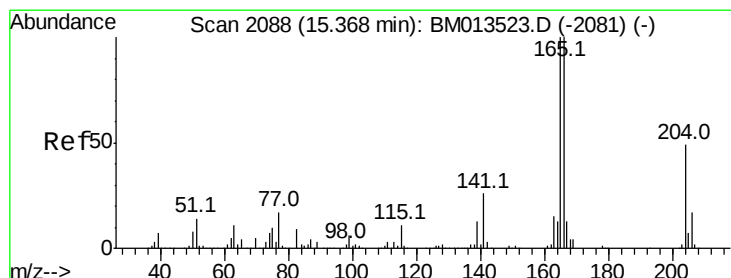
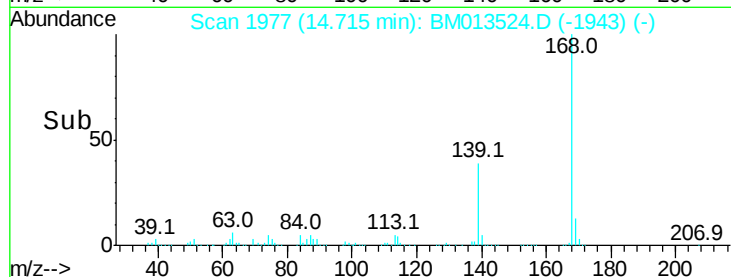
300000

200000

100000

0

Time--> 14.65 14.70 14.75



#58

Fluorene

Concen: 14.151 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013524.D

Acq: 20 Dec 2017 10:16

Tgt Ion:166 Resp: 563933

Ion Ratio Lower Upper

166 100

165 94.4

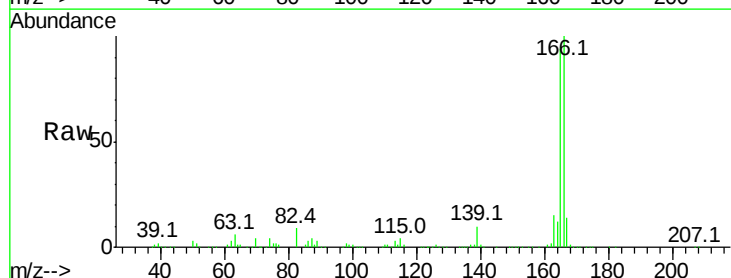
77.9

116.9

167 13.8

10.6

16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

500000

400000

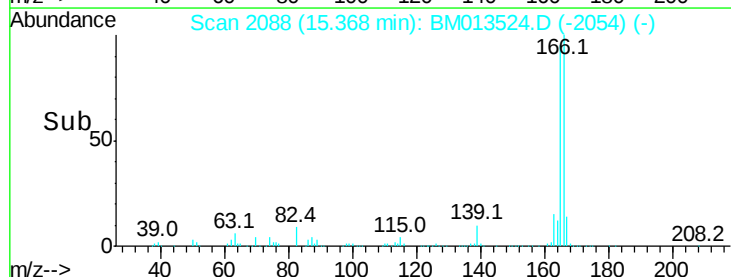
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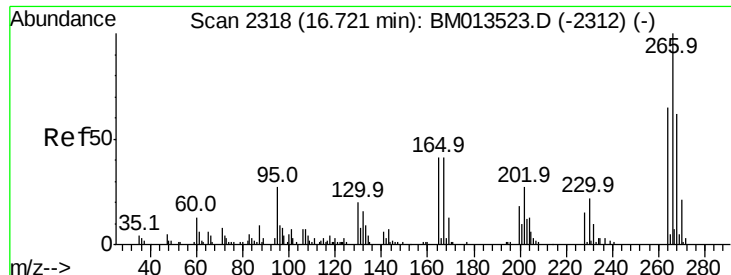
200000

100000

0

Time--> 15.30 15.35 15.40 15.45





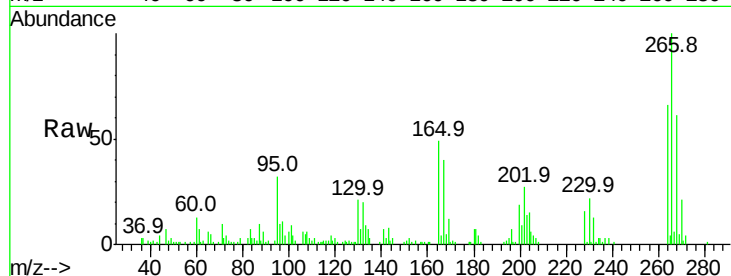
#68
 Pentachlorophenol
 Concen: 8.333 ng/ul
 RT: 16.72 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM013524.D
 Acq: 20 Dec 2017 10:16

Instrument :
 BNA_M
 ClientSampleId :
 F9A10MEDL

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.7	49.3	73.9
268	66.2	52.6	78.8

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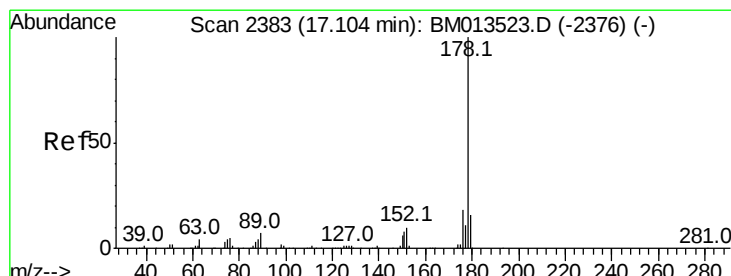
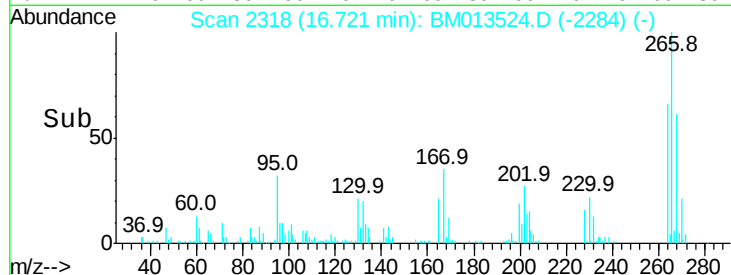
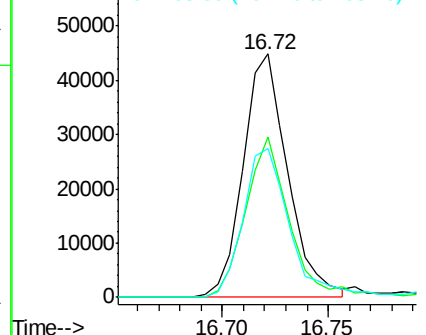


Abundance

Ion 265.70 (265.40 to 266.40): E

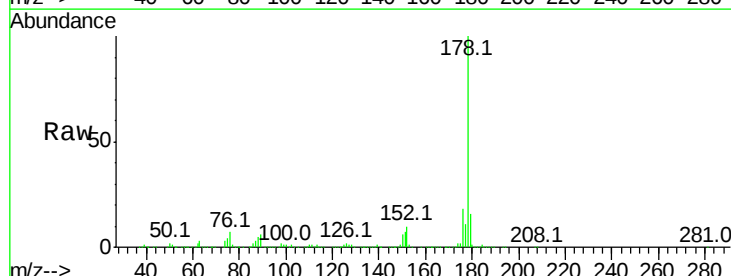
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 53.104 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. 0.01 min
 Lab File: BM013524.D
 Acq: 20 Dec 2017 10:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.3	14.9	22.3

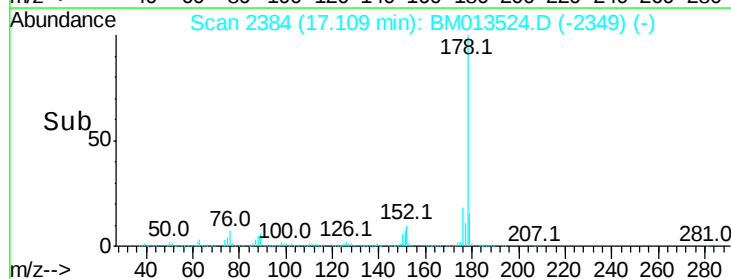
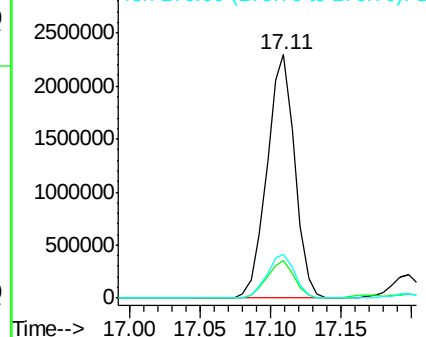


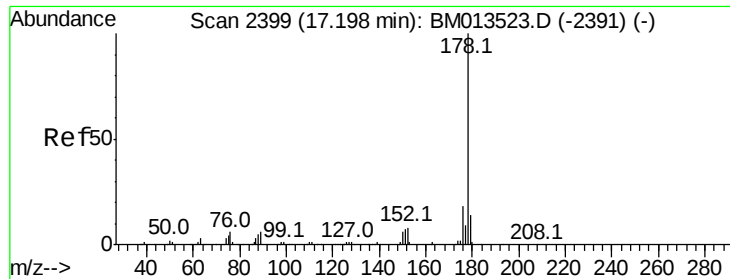
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





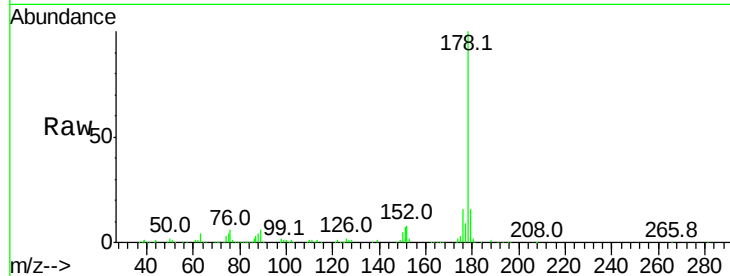
#71
 Anthracene
 Concen: 5.104 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BM013524.D
 Acq: 20 Dec 2017 10:16

Instrument :
 BNA_M
 ClientSampleId :
 F9A10MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	16.0	14.6	21.8

Manual Integrations
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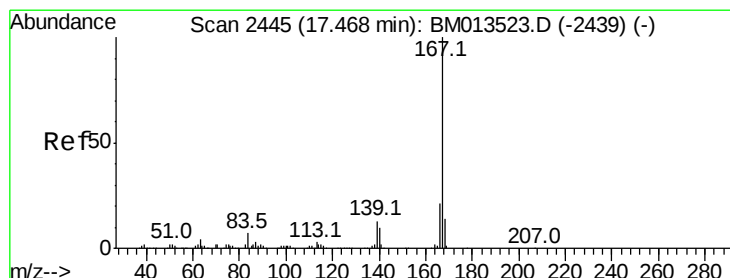
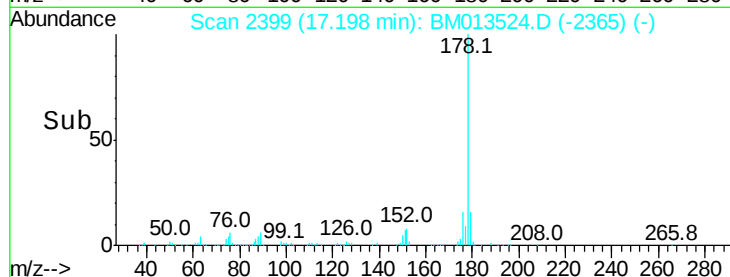
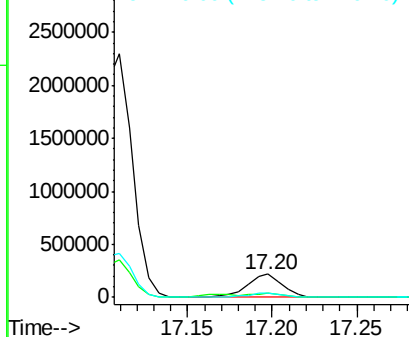


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72
 Carbazole
 Concen: 2.875 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM013524.D
 Acq: 20 Dec 2017 10:16

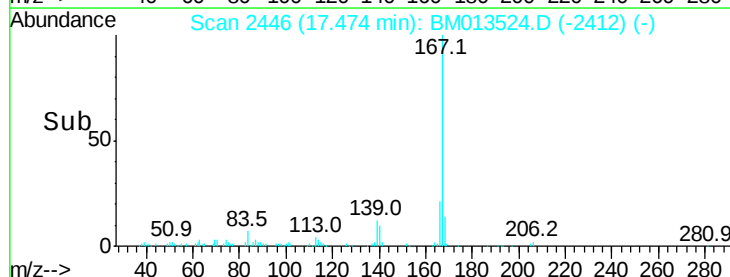
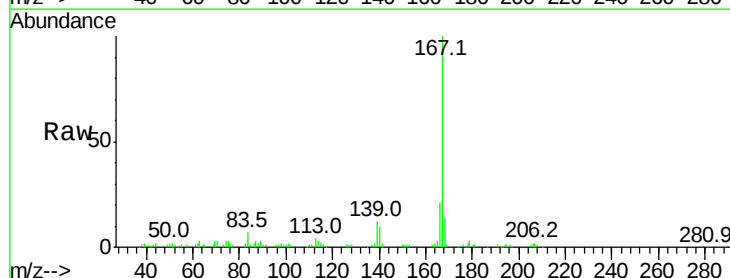
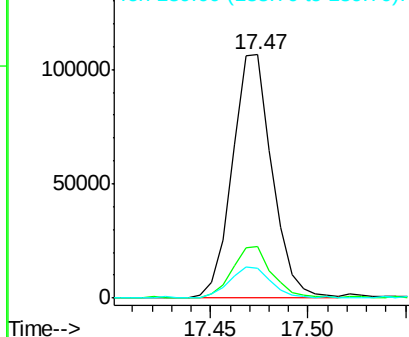
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.3	10.0	15.0

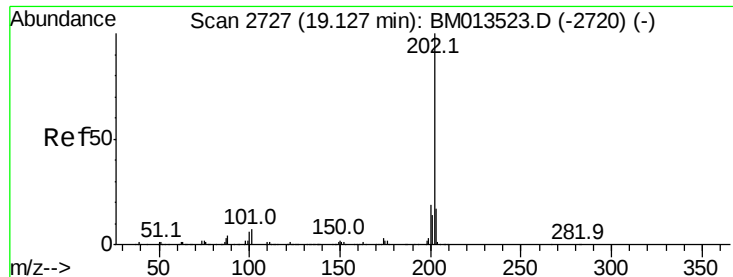
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 22.781 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013524.D

Acq: 20 Dec 2017 10:16

Instrument :

BNA_M

ClientSampleId :

F9A10MEDL

Tot Ion:202 Resp: 1665398

Ion Ratio Lower Upper

202 100

101 8.1 4.6 7.0#

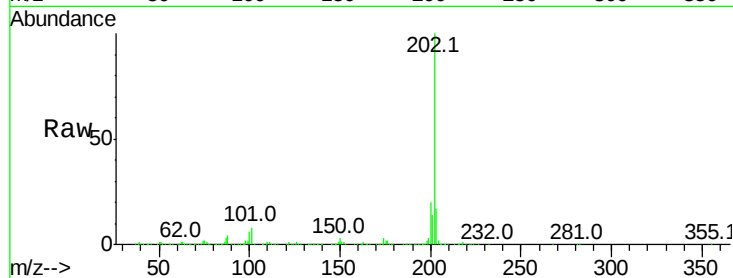
100 6.5 3.4 5.2#

Manual Integrations

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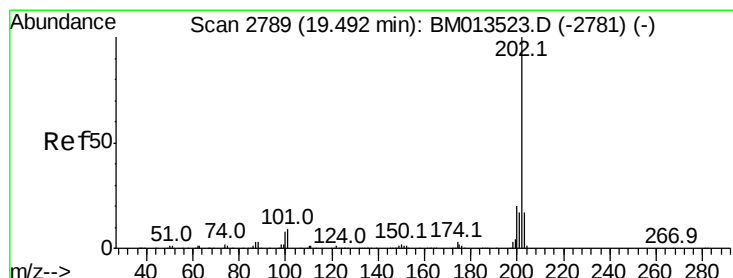
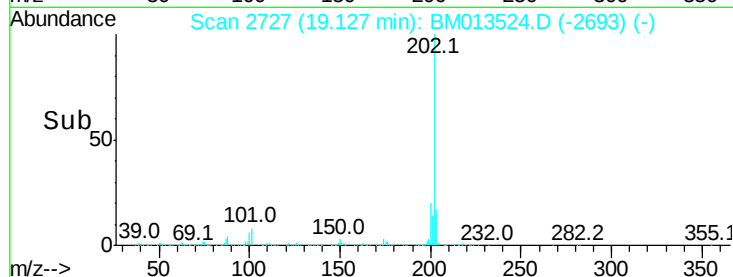
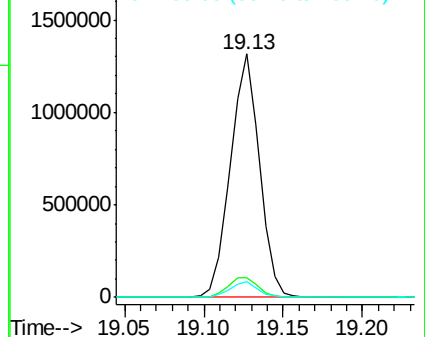
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 18.735 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013524.D

Acq: 20 Dec 2017 10:16

Tgt Ion:202 Resp: 1073133

Ion Ratio Lower Upper

202 100

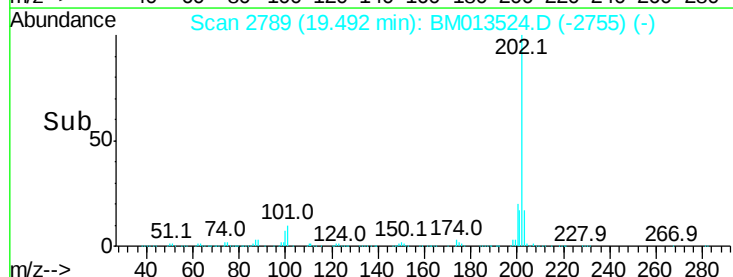
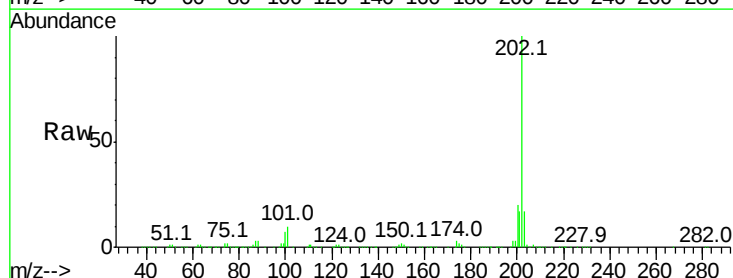
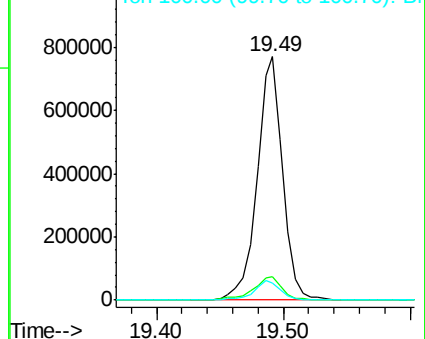
101 9.6 5.1 7.7#

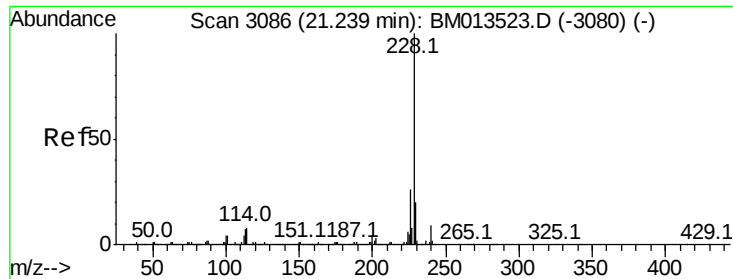
100 7.1 4.9 7.3

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





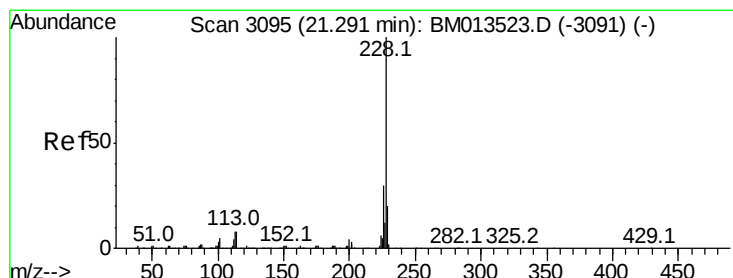
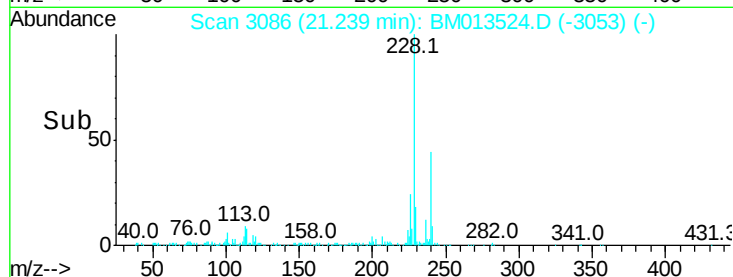
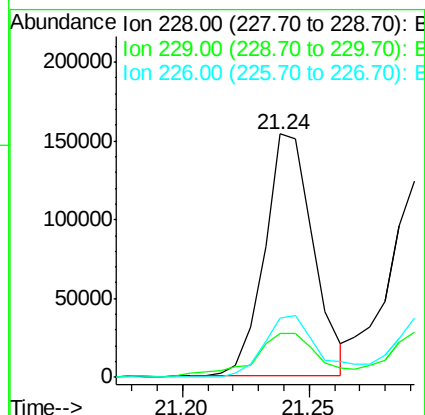
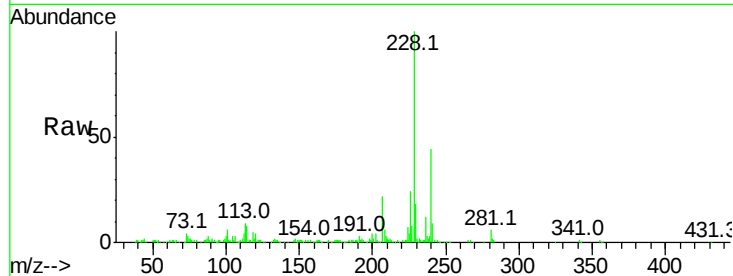
#80
Benzo(a)anthracene
Concen: 3.424 ng/ul
RT: 21.24 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM013524.D
Acq: 20 Dec 2017 10:16

Instrument :
BNA_M
ClientSampleId :
F9A10MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
229	17.9	15.4	23.0
226	24.3	21.4	32.0

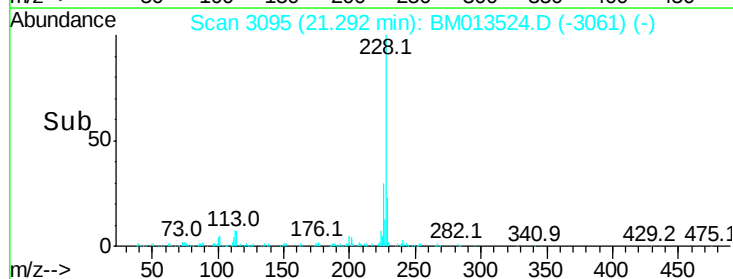
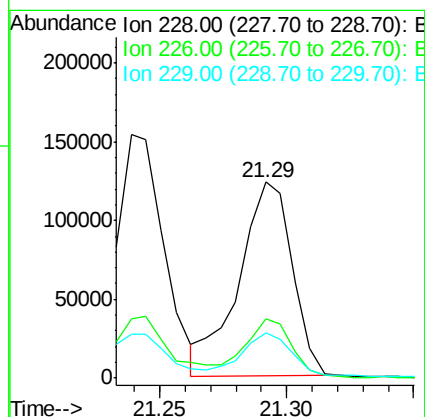
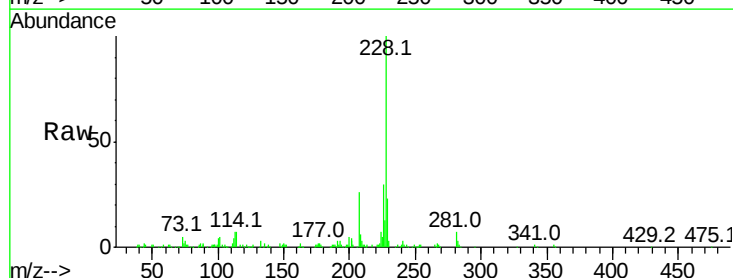
Manual Integrations
APPROVED

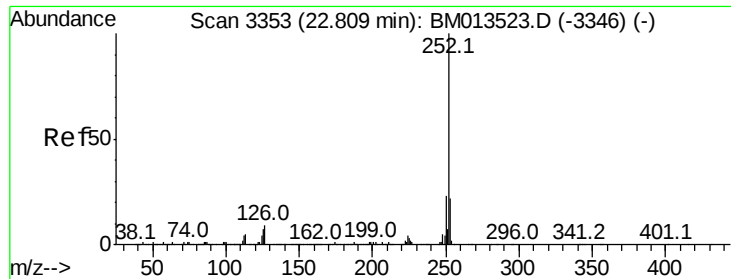
Sohil
12/20/2017 5:23:04 PM



#82
Chrysene
Concen: 3.240 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM013524.D
Acq: 20 Dec 2017 10:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	23.0	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.661 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM013524.D

Acq: 20 Dec 2017 10:16

Instrument :

BNA_M

ClientSampleId :

F9A10MEDL

Tot Ion:	252	Resp:	91348
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.9	26.9
125	9.2	3.6	5.4#

Manual Integrations
APPROVED

Sohil
12/20/2017 5:23:04 PM

