

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121917\
 Data File : BM013518.D
 Acq On : 19 Dec 2017 18:16
 Operator : SJ/JU
 Sample : I6778-13MEDL 30X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78MEDL

Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:49:47 PM

Quant Time: Dec 20 06:07:09 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	138848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	605869	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	371785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	871782	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	827619	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	731201	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.86	99	8350m	0.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	4677	0.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	6436	0.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	6237	0.61	ng/ul	0.02
19) Nitrobenzene-d5	8.85	128	3275	0.68	ng/ul	0.02
22) 2-Nitrophenol-d4	9.55	143	3228	0.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	6506m	0.61	ng/ul	0.03
29) 4-Chloroaniline-d4	10.62	131	11542m	1.19	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	23521	0.71	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	29161	0.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	577	0.10	ng/ul	0.06
57) Fluorene-d10	15.31	176	23377	0.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	264	0.05	ng/ul	0.00
70) Anthracene-d10	17.16	188	38175	0.87	ng/ul	0.00
76) Pyrene-d10	19.46	212	36368	0.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	28856	0.77	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.50	128	1602047	51.395	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	326252	13.923	ng/ul	94
40) 1,1'-Biphenyl	13.14	154	90023	2.865	ng/ul	99
47) Acenaphthylene	14.03	152	46634	1.234	ng/ul#	91
49) Acenaphthene	14.37	153	329485	12.802	ng/ul	99
53) Dibenzofuran	14.72	168	369938	9.736	ng/ul	99
58) Fluorene	15.37	166	412200	13.114	ng/ul	95
69) Phenanthrene	17.11	178	1879004	37.939	ng/ul	99
71) Anthracene	17.20	178	273320	5.399	ng/ul	98
72) Carbazole	17.47	167	104763	2.406	ng/ul	96
74) Fluoranthene	19.13	202	907505	14.952	ng/ul#	95
77) Pyrene	19.49	202	607339	12.079	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	162051	3.086	ng/ul	94
82) Chrysene	21.29	228	132835	2.727	ng/ul	93
85) Benzo(b)fluoranthene	22.82	252	96002	1.948	ng/ul#	95
88) Benzo(a)pyrene	23.38	252	63104	1.425	ng/ul#	92

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

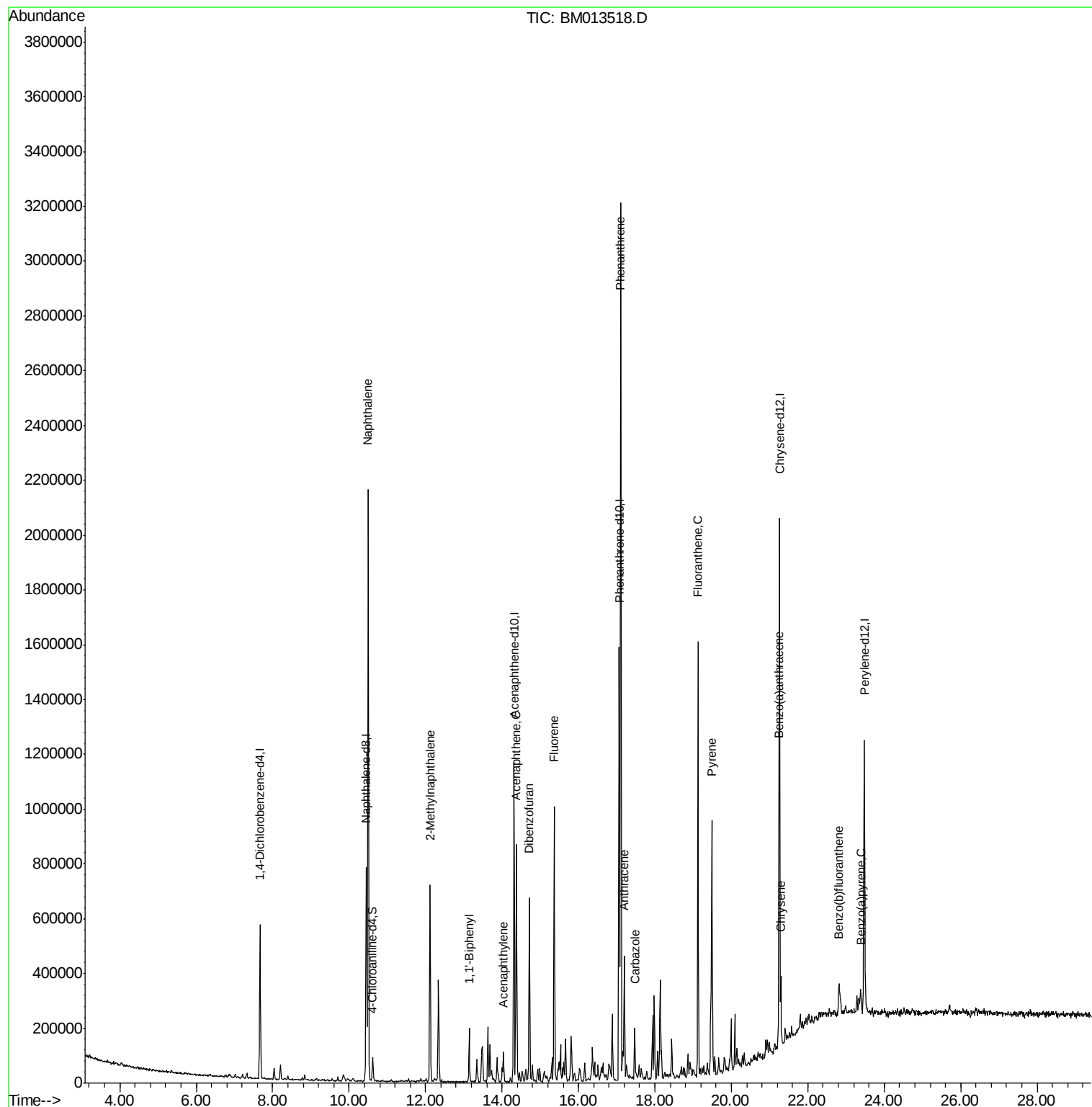
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121917\
Data File : BM013518.D
Acq On : 19 Dec 2017 18:16
Operator : SJ/JU
Sample : I6778-13MEDL 30X
Misc :
ALS Vial : 13 Sample Multiplier: 1

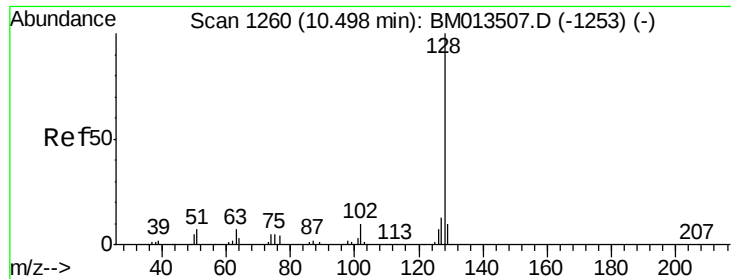
Instrument :
BNA_M
ClientSampleId :
F9A78MEDL

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Quant Time: Dec 20 06:07:09 2017
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Quant Title : SVOA CALIBRATION
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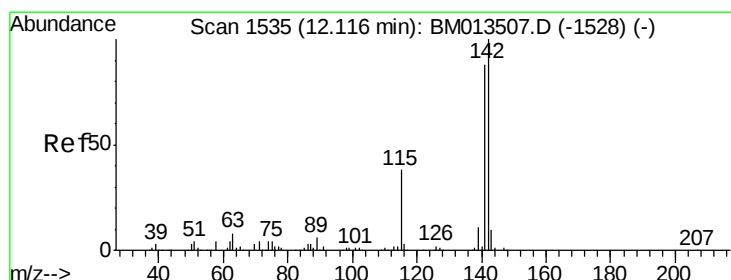
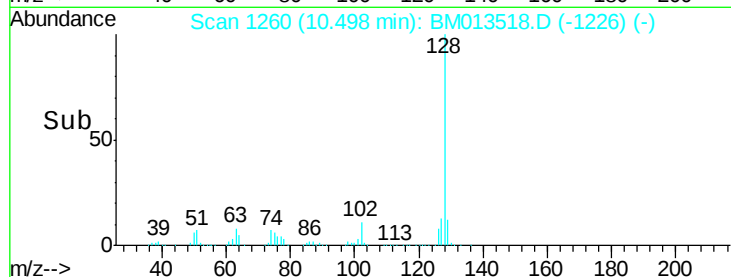
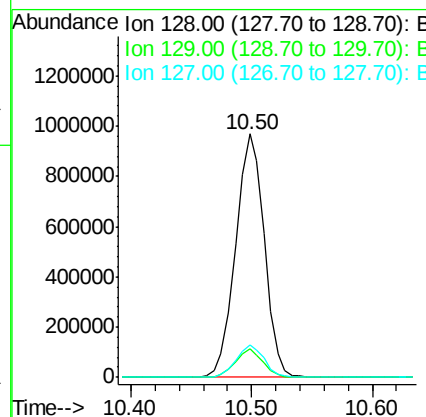
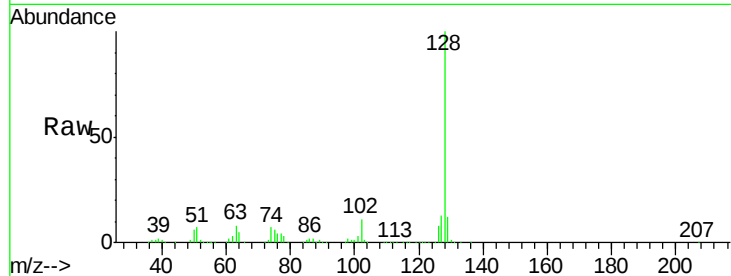
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Naphthalene
Concen: 51.395 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Instrument :
BNA_M
ClientSampleId :
F9A78MEDL

Tgt Ion:128 Resp: 1602047
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.3 10.6 16.0

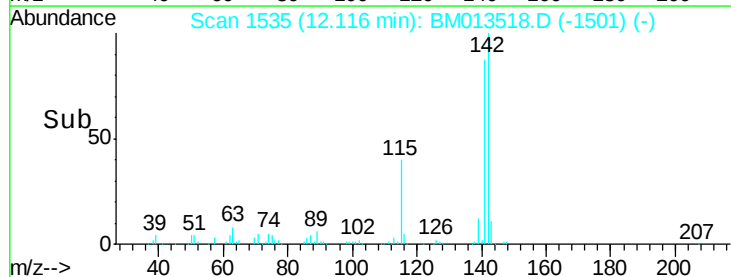
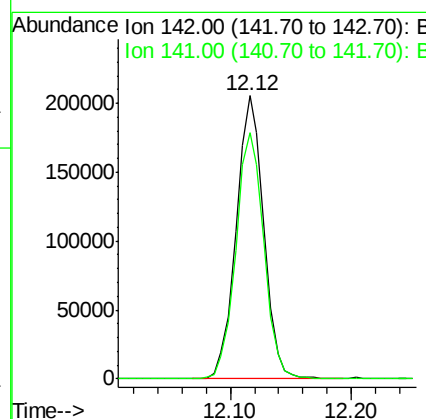
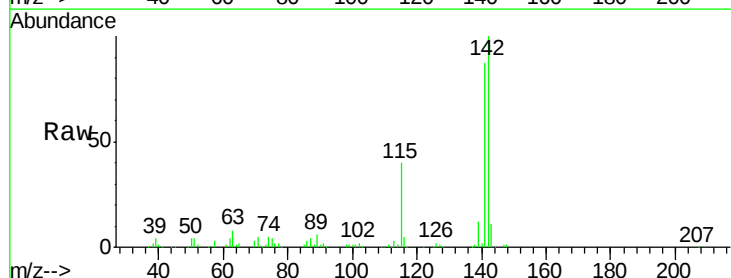
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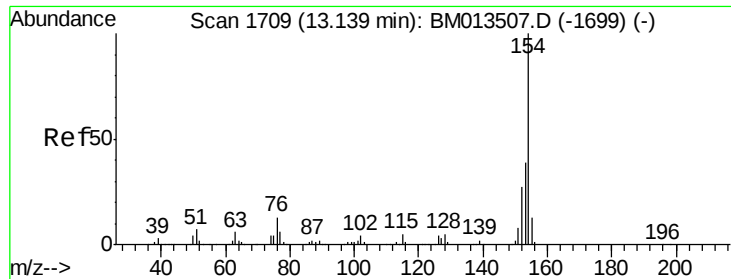
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#34
2-Methylnaphthalene
Concen: 13.923 ng/ul
RT: 12.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Tgt Ion:142 Resp: 326252
Ion Ratio Lower Upper
142 100
141 86.9 74.1 111.1





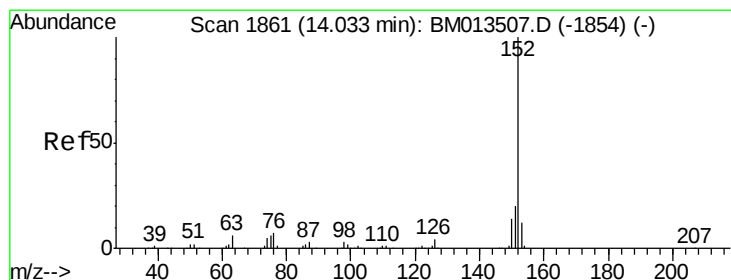
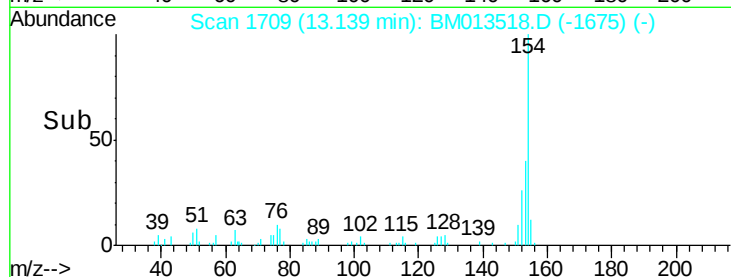
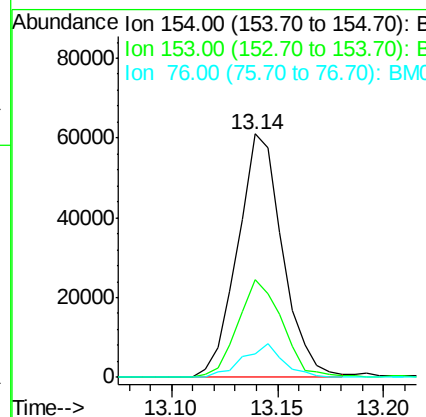
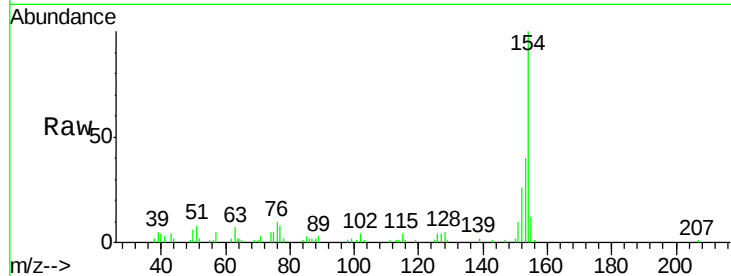
#40
1,1'-Biphenyl
Concen: 2.865 ng/ul
RT: 13.14 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Instrument :
BNA_M
ClientSampleId :
F9A78MEDL

Tgt Ion:	154	Resp:	90023
Ion Ratio	Lower	Upper	
154	100		
153	40.0	32.6	48.8
76	9.9	8.5	12.7

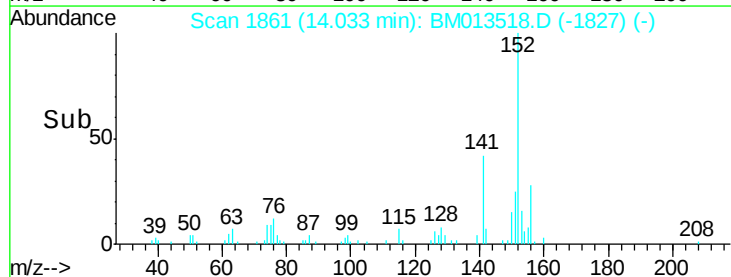
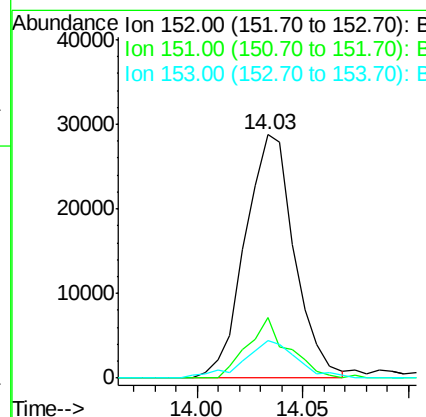
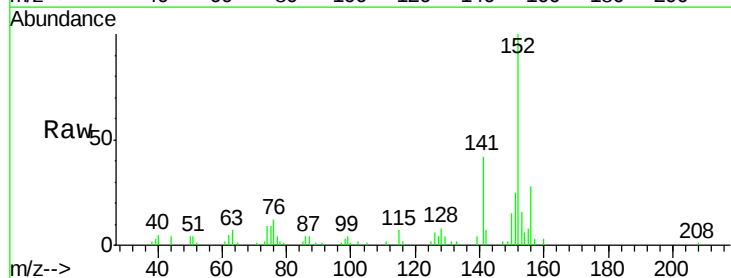
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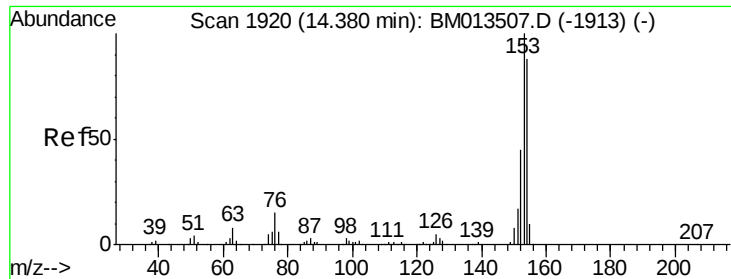
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#47
Acenaphthylene
Concen: 1.234 ng/ul
RT: 14.03 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Tgt Ion:	152	Resp:	46634
Ion Ratio	Lower	Upper	
152	100		
151	24.7	16.3	24.5#
153	15.7	10.2	15.4#





#49

Acenaphthene

Concen: 12.802 ng/ul

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM013518.D

Acq: 19 Dec 2017 18:16

Instrument :

BNA_M

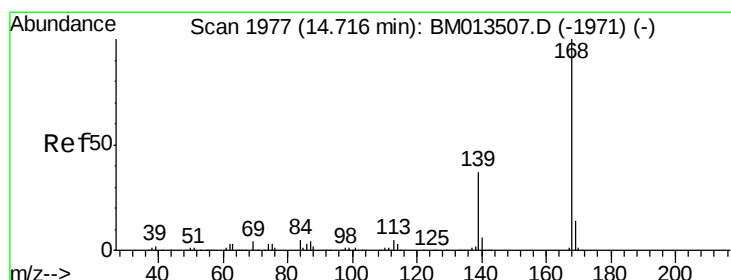
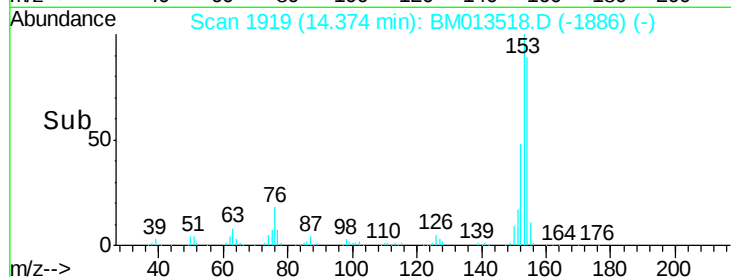
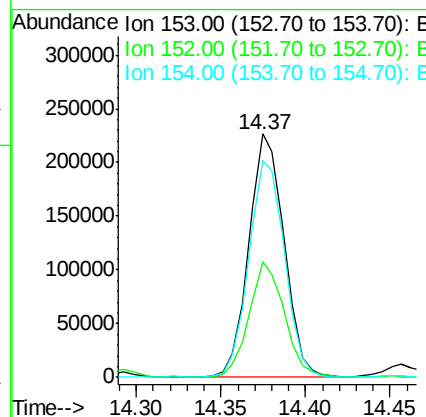
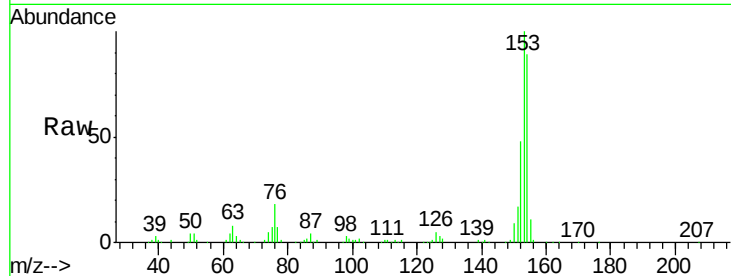
ClientSampleId :

F9A78MEDL

Tgt Ion:	153	Resp:	329485
Ion Ratio	Lower	Upper	
153	100		
152	47.8	37.6	56.4
154	88.9	70.4	105.6

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#53

Dibenzofuran

Concen: 9.736 ng/ul

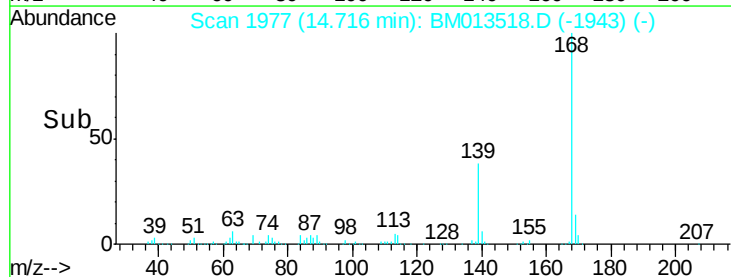
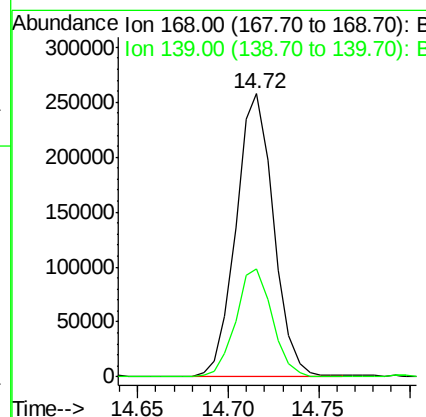
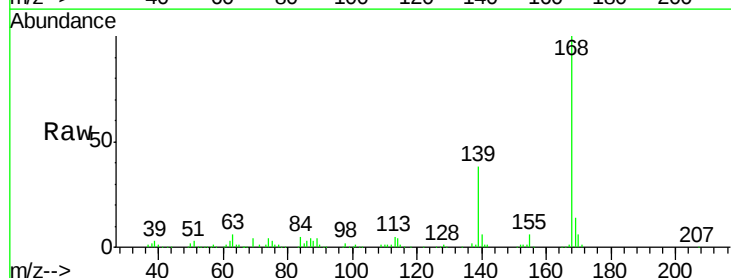
RT: 14.72 min Scan# 1977

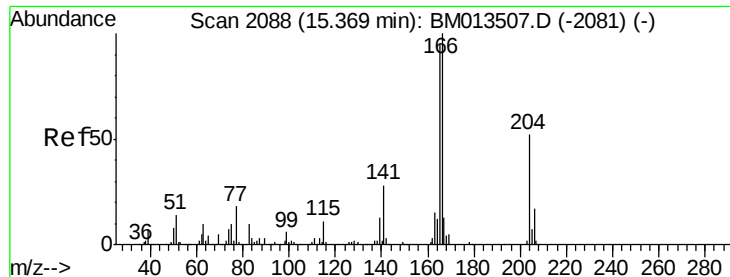
Delta R.T. 0.00 min

Lab File: BM013518.D

Acq: 19 Dec 2017 18:16

Tgt Ion:	168	Resp:	369938
Ion Ratio	Lower	Upper	
168	100		
139	38.1	30.8	46.2





#58

Fluorene

Concen: 13.114 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM013518.D

Acq: 19 Dec 2017 18:16

Instrument :

BNA_M

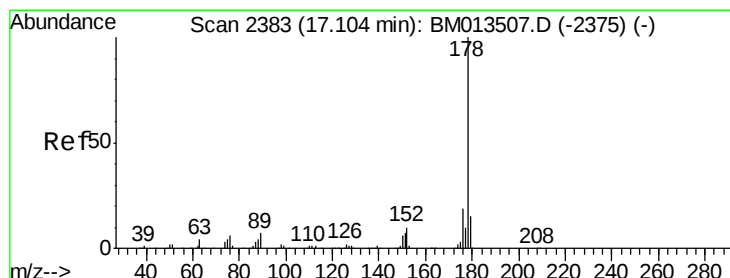
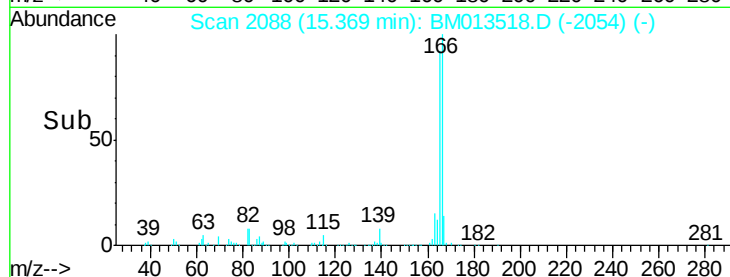
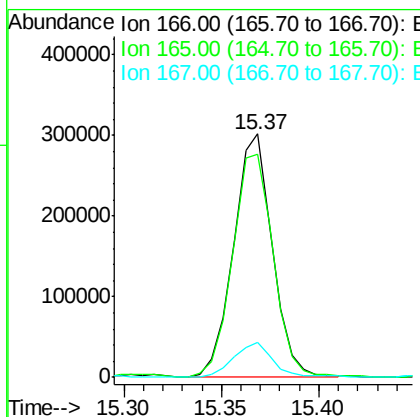
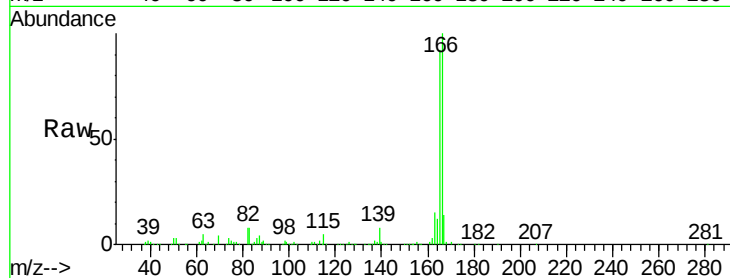
ClientSampleId :

F9A78MEDL

Tgt Ion:	166	Resp:	412200
Ion Ratio	Lower	Upper	
166	100		
165	91.8	77.9	116.9
167	14.1	10.6	16.0

Manual Integrations
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#69

Phenanthrene

Concen: 37.939 ng/ul

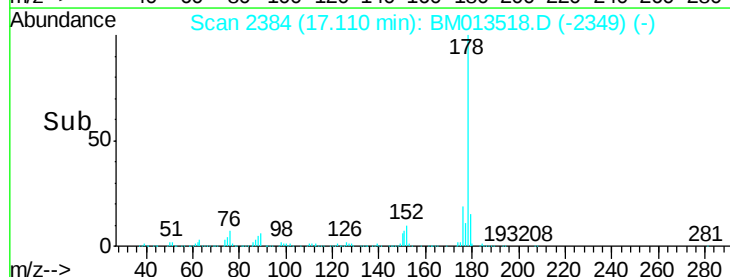
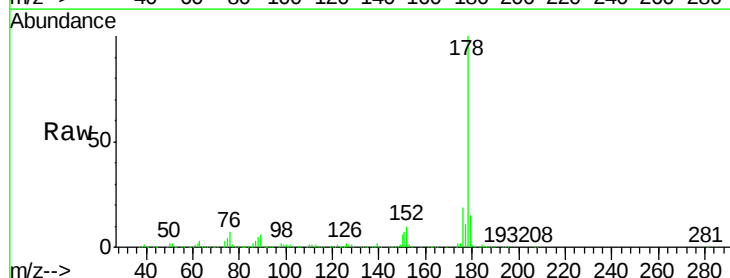
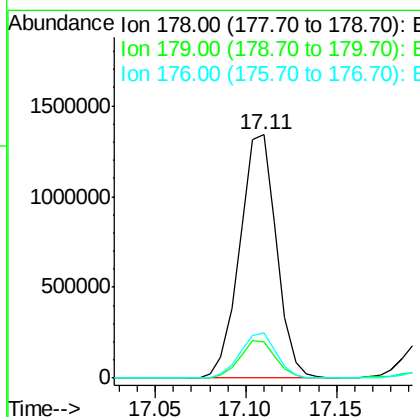
RT: 17.11 min Scan# 2384

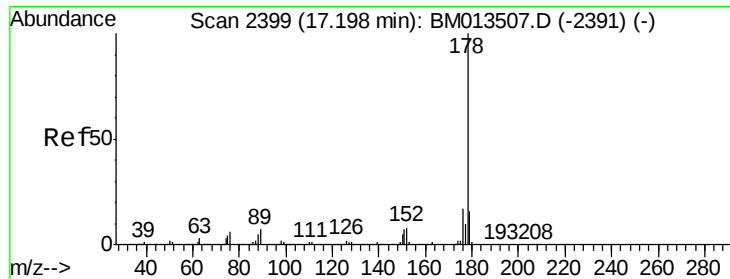
Delta R.T. 0.01 min

Lab File: BM013518.D

Acq: 19 Dec 2017 18:16

Tgt Ion:	178	Resp:	1879004
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.6	19.0
176	18.7	14.9	22.3





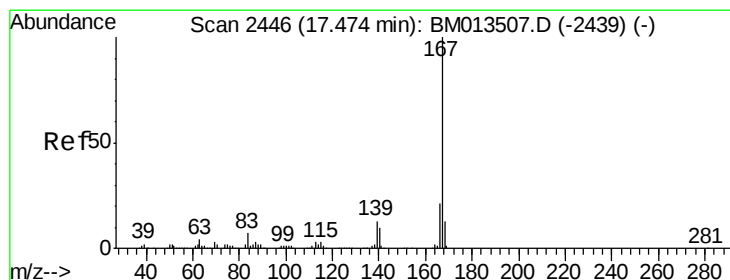
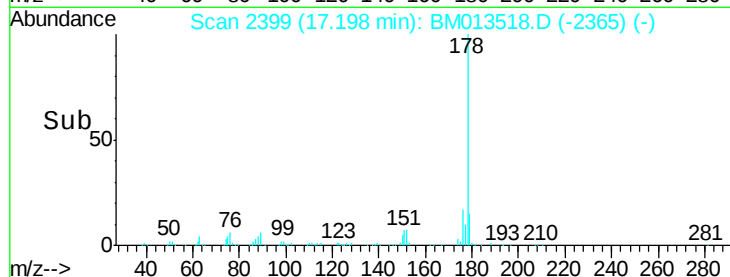
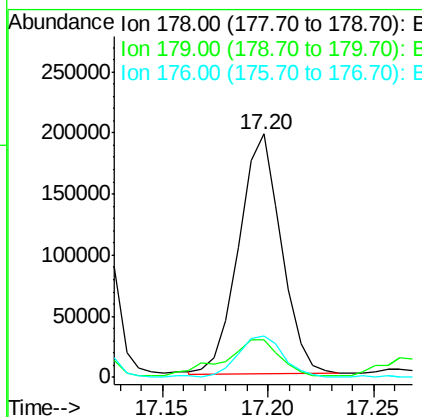
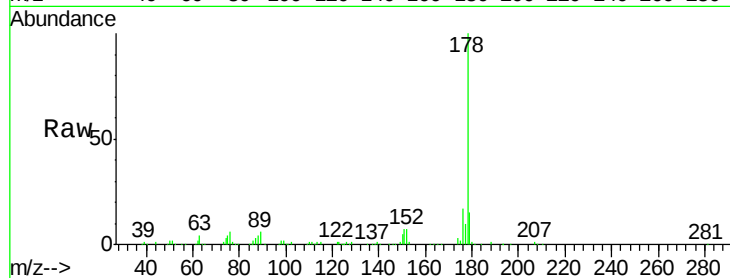
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 Anthracene
 Concen: 5.399 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. 0.00 min
 Lab File: BM013518.D
 Acq: 19 Dec 2017 18:16

Instrument :
 BNA_M
 ClientSampleId :
 F9A78MEDL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.0	14.6	21.8

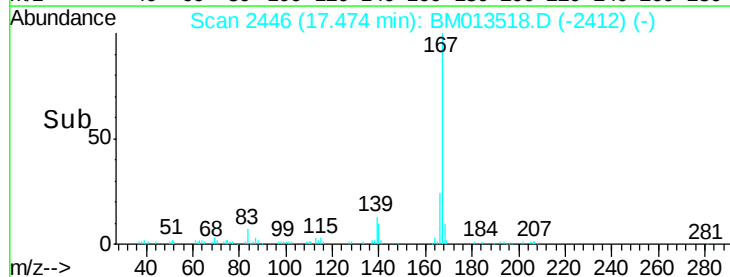
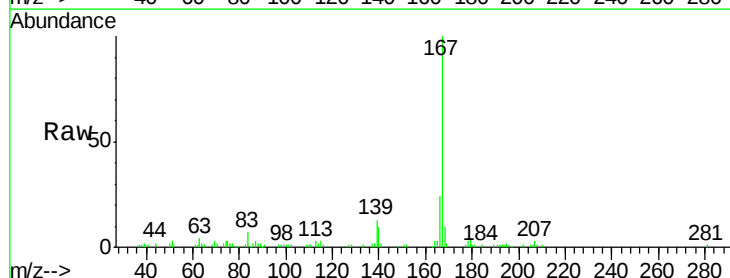
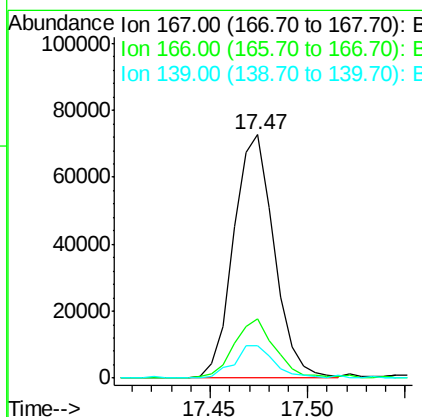
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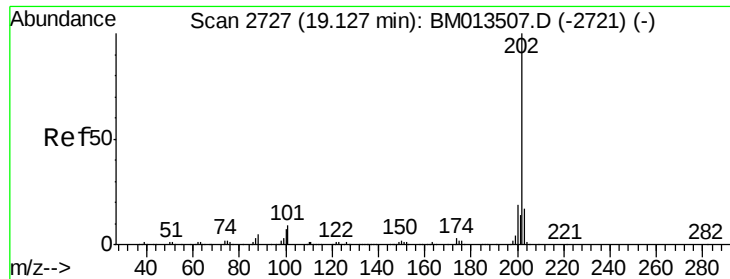
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#72
 Carbazole
 Concen: 2.406 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BM013518.D
 Acq: 19 Dec 2017 18:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.1	25.7
139	13.2	10.0	15.0





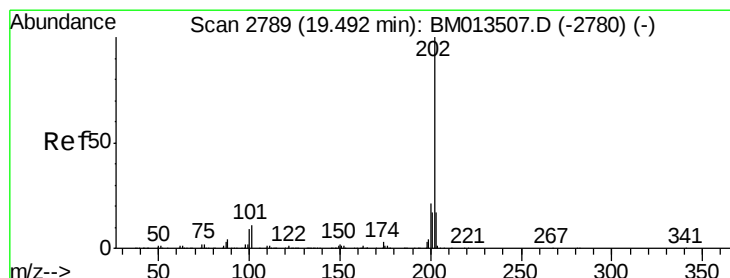
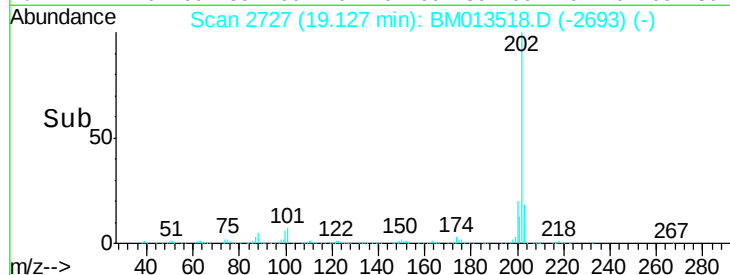
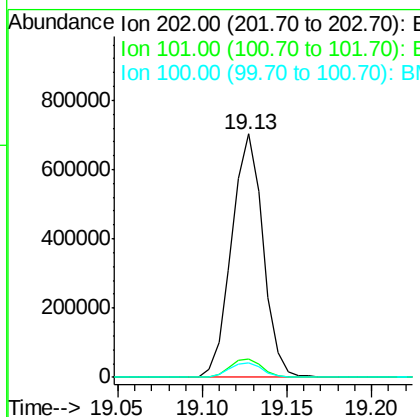
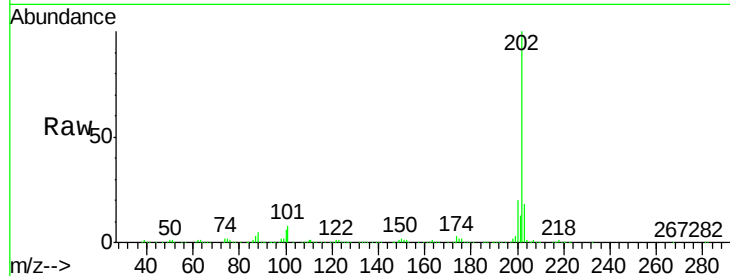
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Fluoranthene
 Concen: 14.952 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. 0.00 min
 Lab File: BM013518.D
 Acq: 19 Dec 2017 18:16

Instrument :
 BNA_M
 ClientSampleId :
 F9A78MEDL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.5	4.6	7.0#
100	5.9	3.4	5.2#

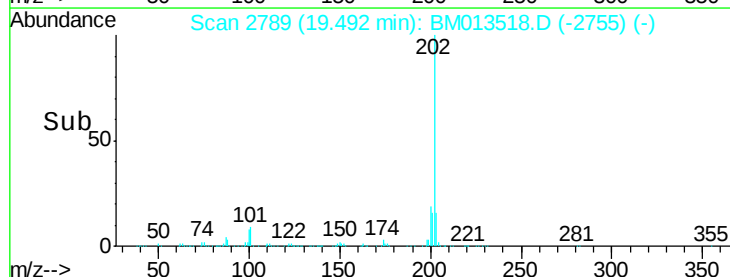
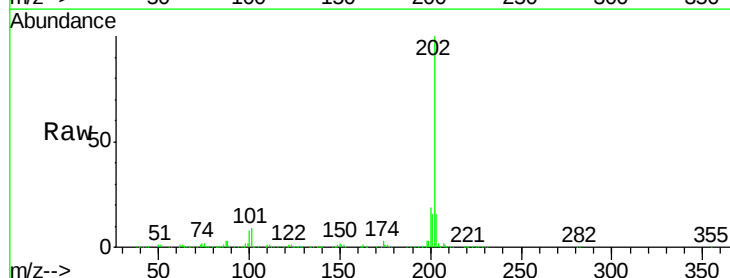
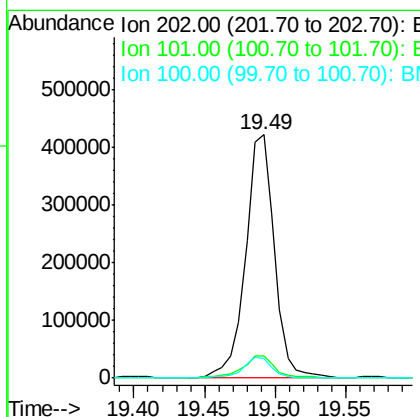
Manual Integrations
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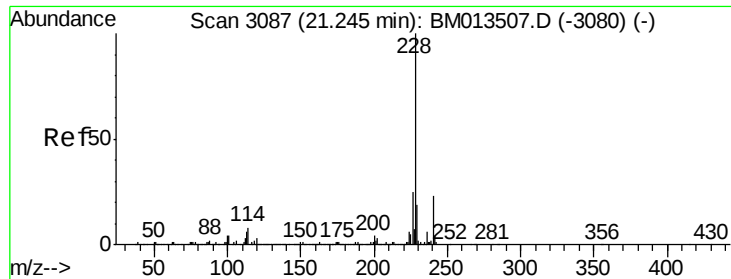
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#77
Pyrene
 Concen: 12.079 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. 0.00 min
 Lab File: BM013518.D
 Acq: 19 Dec 2017 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.9	5.1	7.7#
100	8.2	4.9	7.3#





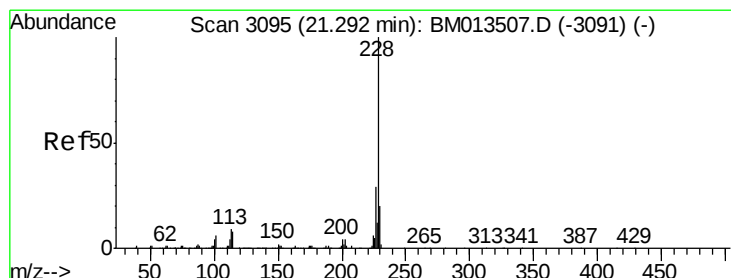
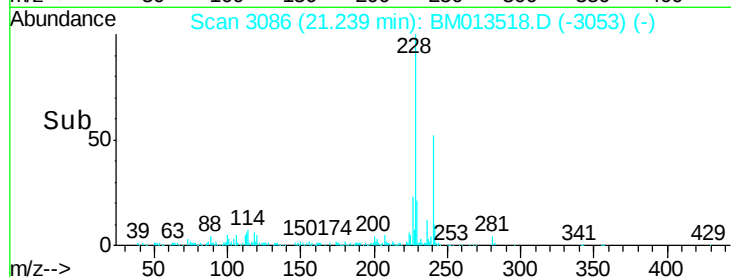
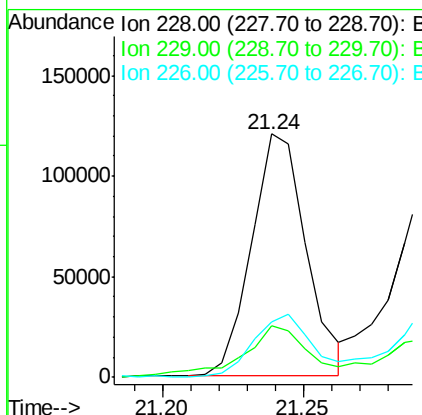
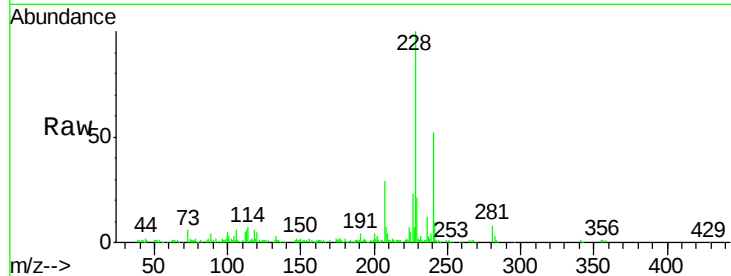
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Benzo(a)anthracene
Concen: 3.086 ng/u1
RT: 21.24 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Instrument :
BNA_M
ClientSampleId :
F9A78MEDL

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

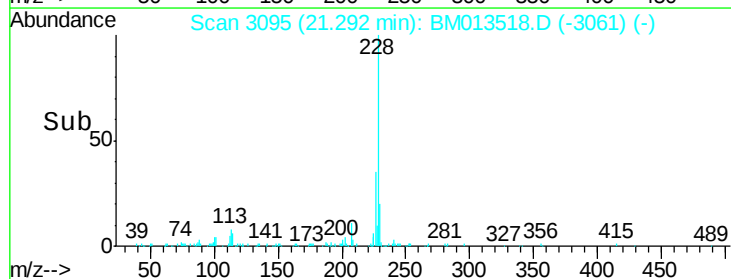
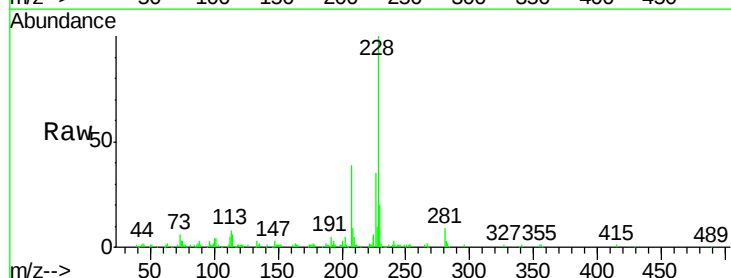
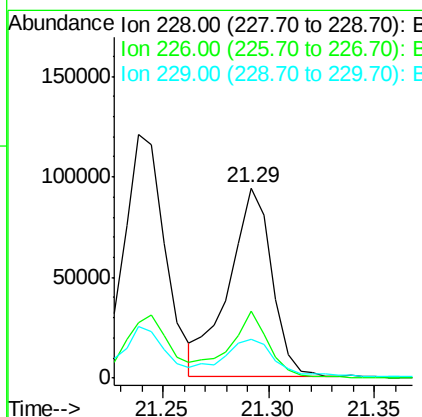
Manual Integrations
APPROVED

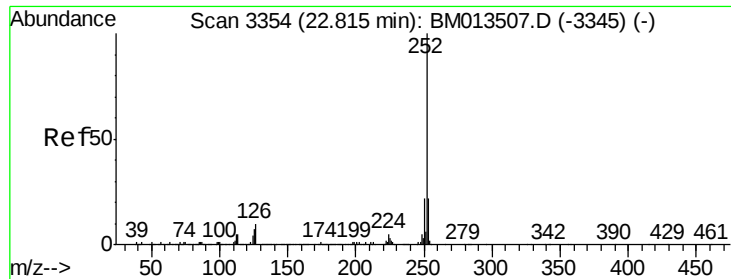
Sohil
12/20/2017 3:49:47 PM



#82
Chrysene
Concen: 2.727 ng/u1
RT: 21.29 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.4	35.2
229	20.1	15.5	23.3





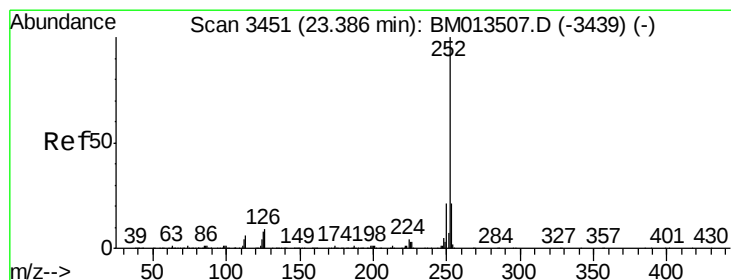
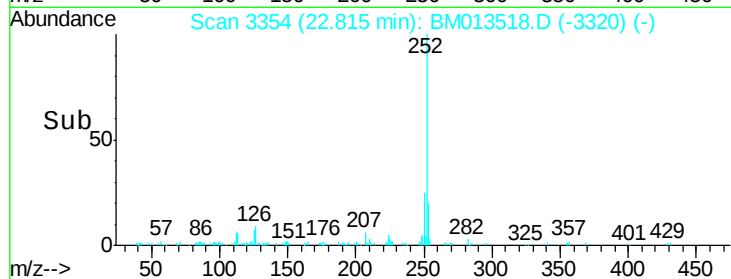
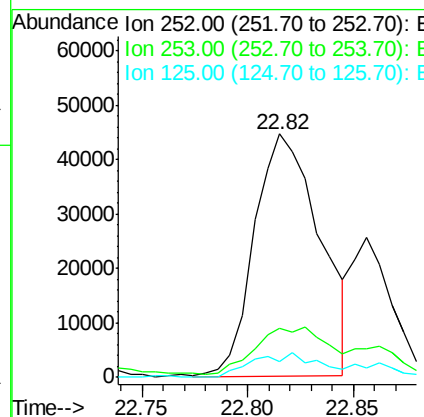
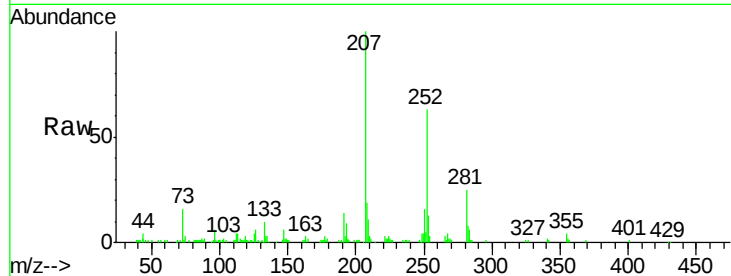
#85
Benzo(b)fluoranthene
Concen: 1.948 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Instrument :
BNA_M
ClientSampleId :
F9A78MEDL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.9	26.9
125	6.7	3.6	5.4#

Manual Integrations
APPROVED

Sohil
12/20/2017 3:49:47 PM



#88
Benzo(a)pyrene
Concen: 1.425 ng/ul
RT: 23.38 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM013518.D
Acq: 19 Dec 2017 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	8.5	4.0	6.0#

