Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010564.D
Acq On : 13 Jun 2017 17:29
Operator : SJ/MA
Sample : I3521-10MEDL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C58MEDL

Manual Integrations APPROVED
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Quant Time: Jun 14 02:29:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	98070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	323994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	226569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	599357	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	870520	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	938398	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	7.07	99	10558	1.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	5996	1.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	11324	1.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	10558	1.76	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	5145m	2.17	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.32	165	12534	2.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.85	131	11856	2.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	43082	2.29	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	46117	2.10	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.51	176	43674	2.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	7255	1.71	ng/ul	0.00
70) Anthracene-d10	17.36	188	66206	2.27	ng/ul	0.00
76) Pyrene-d10	19.66	212	91315	2.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	102140	2.34	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.73	128	296663	18.255	ng/ul	100
34) 2-Methylnaphthalene	12.33	142	105129	8.532	ng/ul	90
40) 1,1'-Biphenyl	13.35	154	37865	2.060	ng/ul	96
49) Acenaphthene	14.59	153	92561	6.150	ng/ul	93
53) Dibenzofuran	14.92	168	132389	5.949	ng/ul	99
58) Fluorene	15.56	166	129277	7.082	ng/ul	97
69) Phenanthrene	17.31	178	609065	19.035	ng/ul	99
71) Anthracene	17.40	178	62551	1.873	ng/ul	98
72) Carbazole	17.69	167	29750	1.052	ng/ul#	92
74) Fluoranthene	19.32	202	382469	9.720	ng/ul#	95
77) Pyrene	19.69	202	246406	5.493	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	86417	1.760	ng/ul	98
82) Chrysene	21.47	228	71122	1.603	ng/ul	95

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

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
F5C58MEDL

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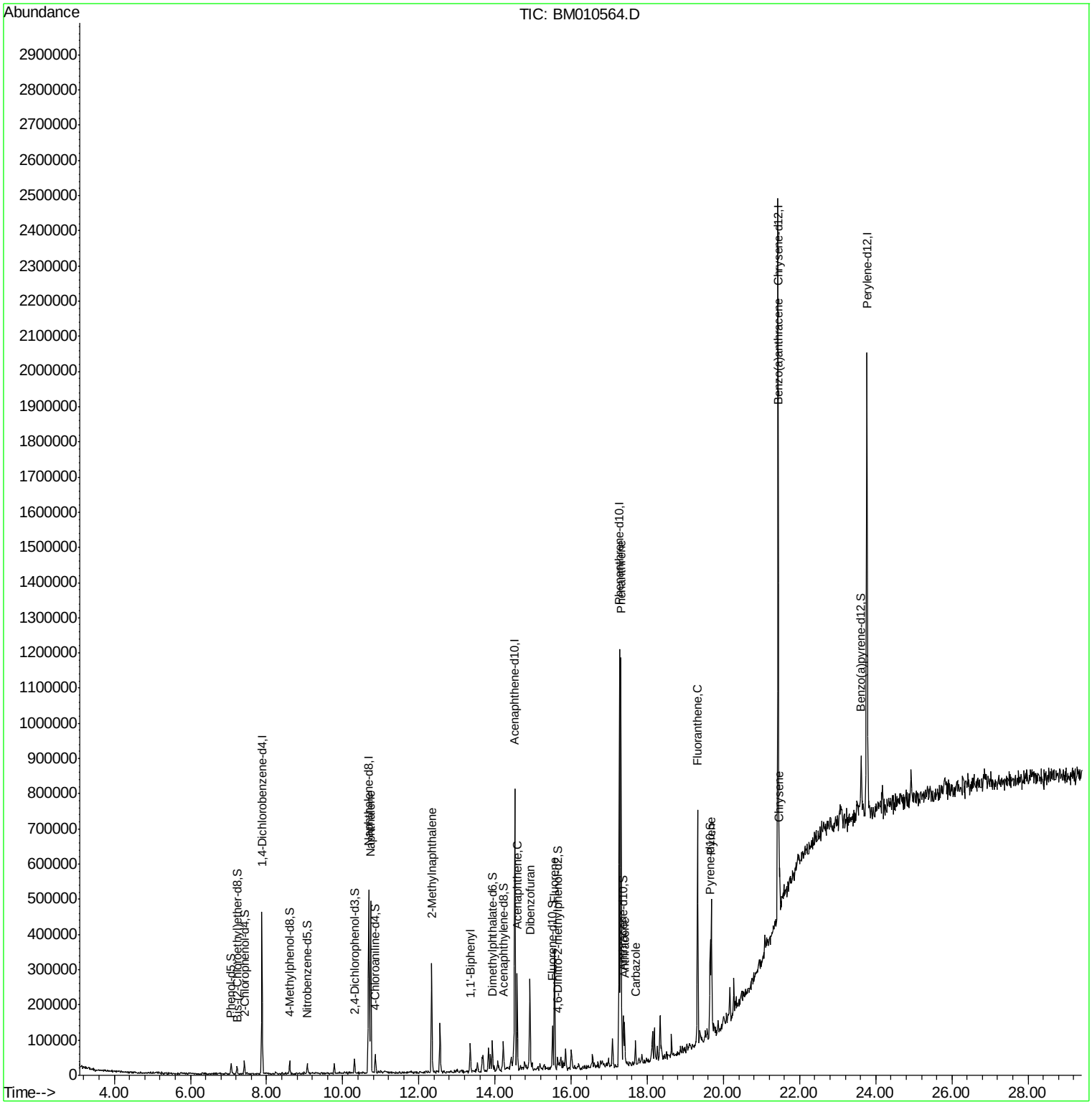
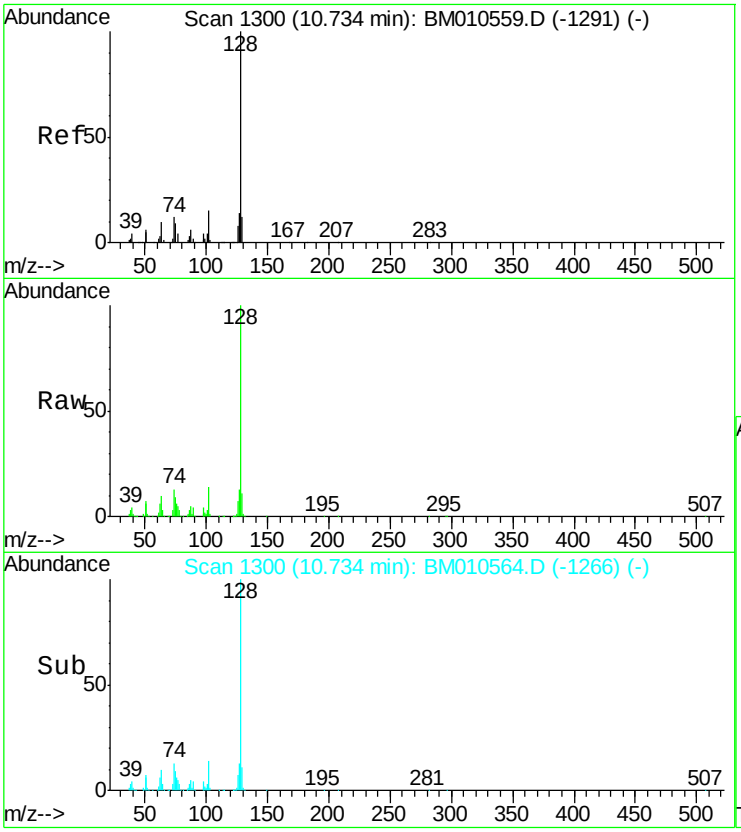
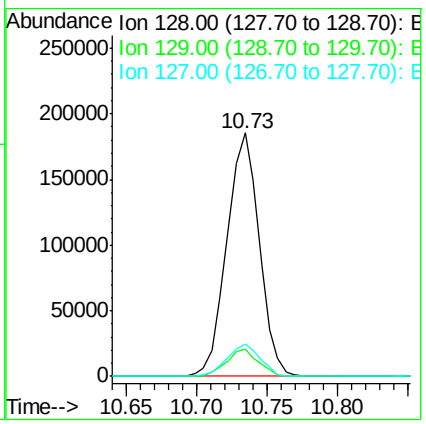




#28
Naphthalene
Concen: 18.255 ng/ul
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:128 Resp: 296663

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
F5C58MEDL

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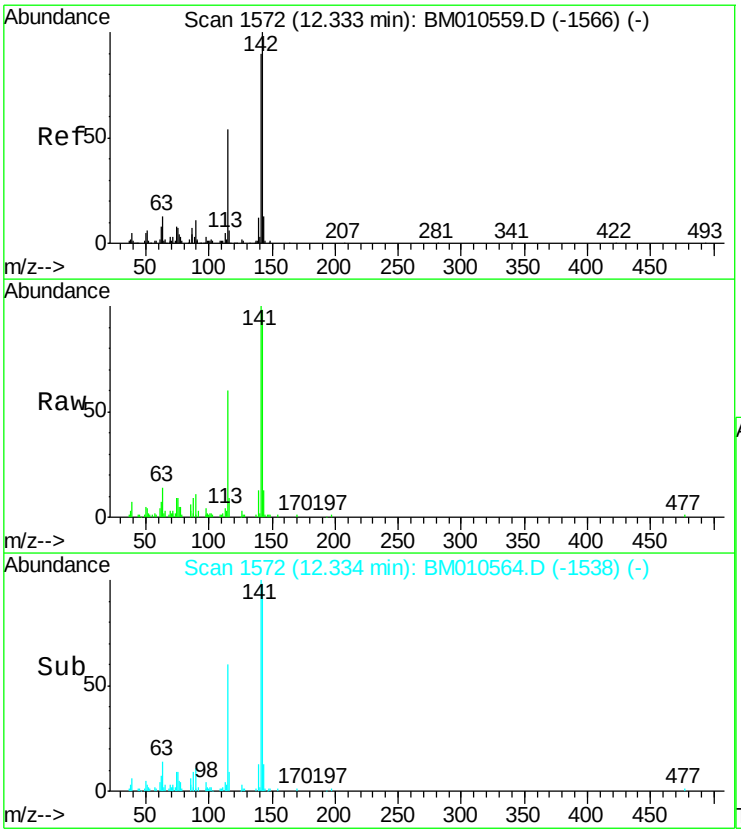
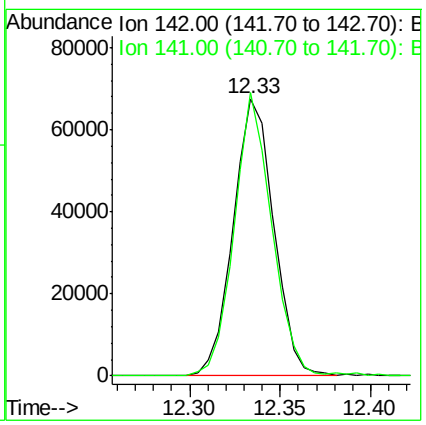
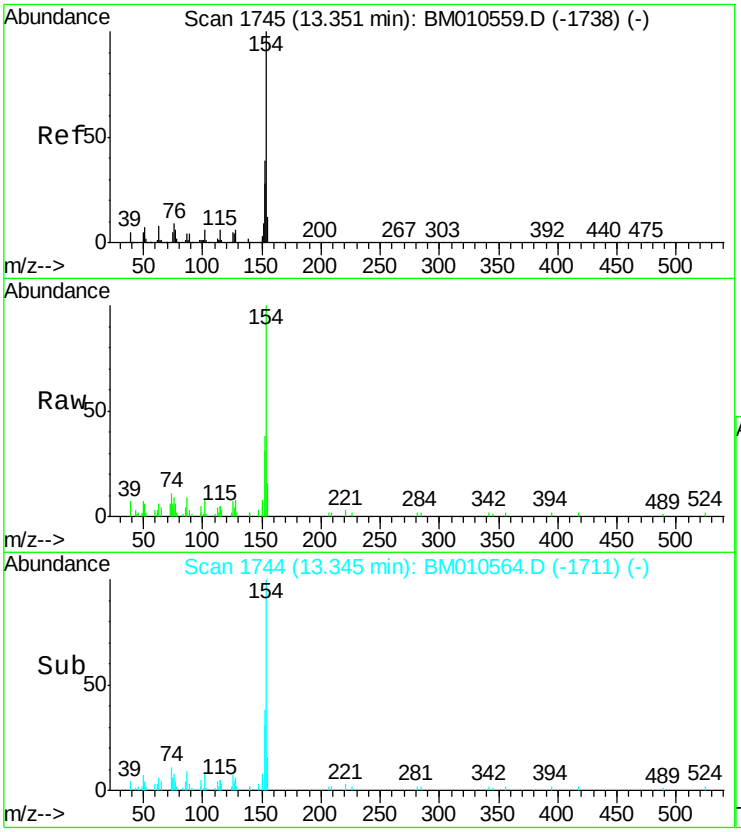


#34
2-Methylnaphthalene
Concen: 8.532 ng/ul
RT: 12.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:142 Resp: 105129

Ion	Ratio	Lower	Upper
142	100		
141	102.0	74.1	111.1

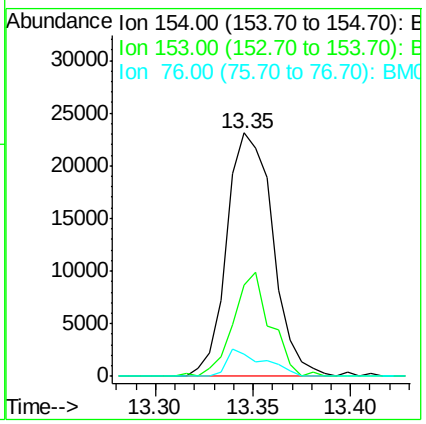




#40
1,1'-Biphenyl
Concen: 2.060 ng/ul
RT: 13.35 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:154 Resp: 37865

Ion	Ratio	Lower	Upper
154	100		
153	37.7	32.6	48.8
76	9.4	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
F5C58MEDL

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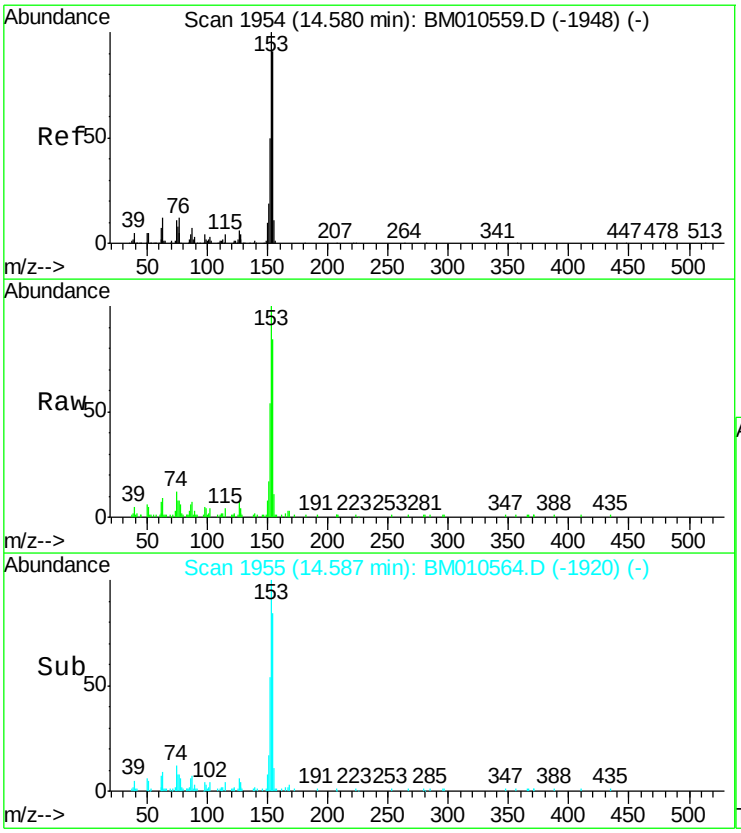
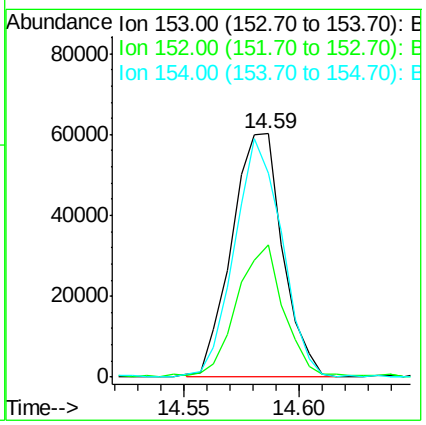
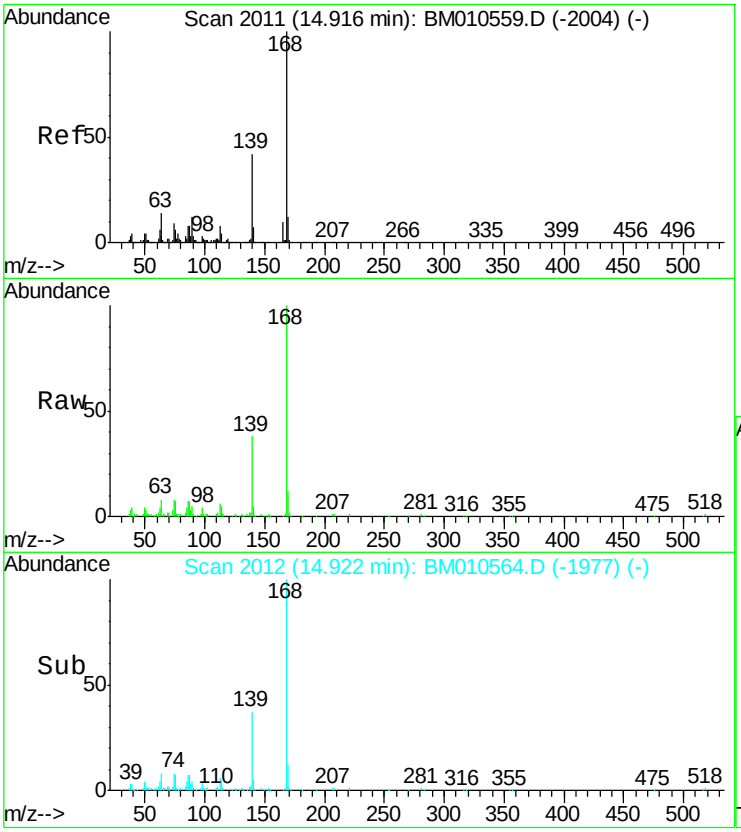


#49
Acenaphthene
Concen: 6.150 ng/ul
RT: 14.59 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:153 Resp: 92561

Ion	Ratio	Lower	Upper
153	100		
152	54.3	37.6	56.4
154	83.8	70.4	105.6

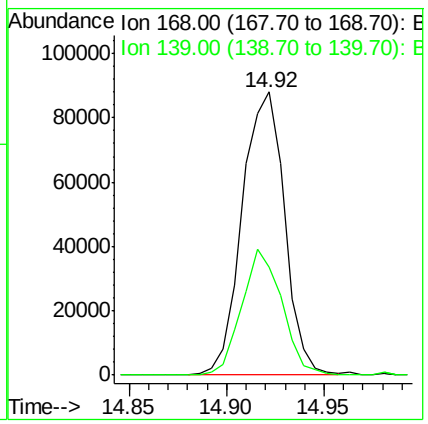




#53
Dibenzofuran
Concen: 5.949 ng/ul
RT: 14.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:168 Resp: 132389

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.8	46.2



Instrument :
BNA_M
ClientSampleId :
F5C58MEDL

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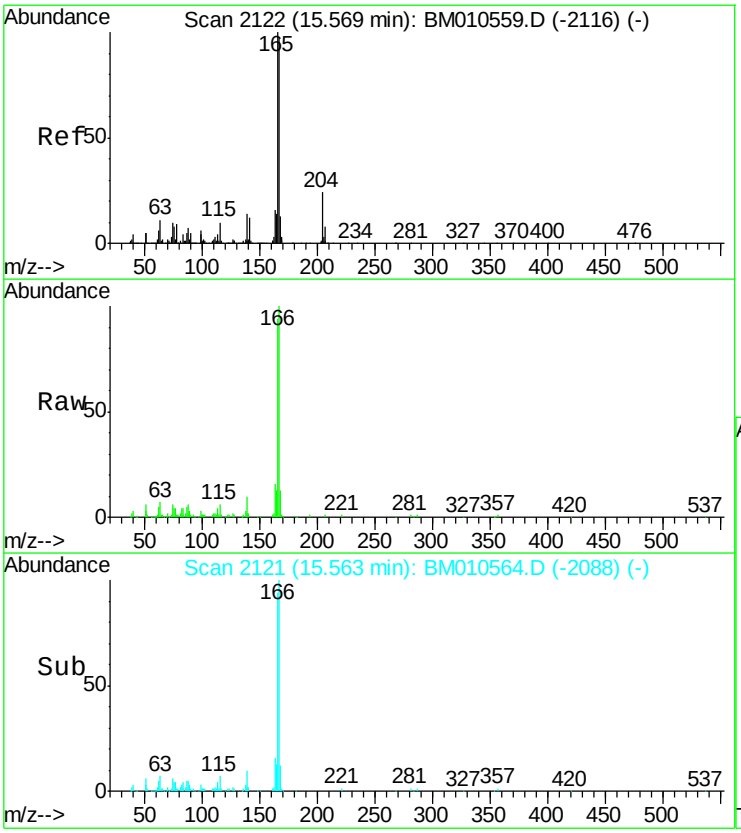
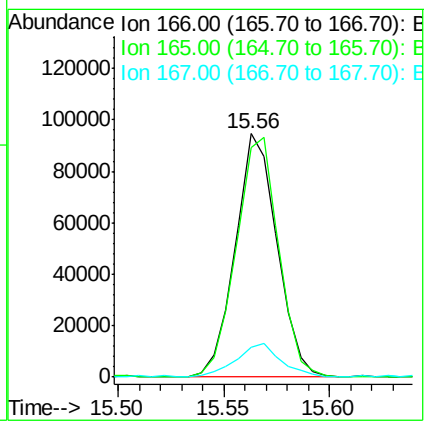
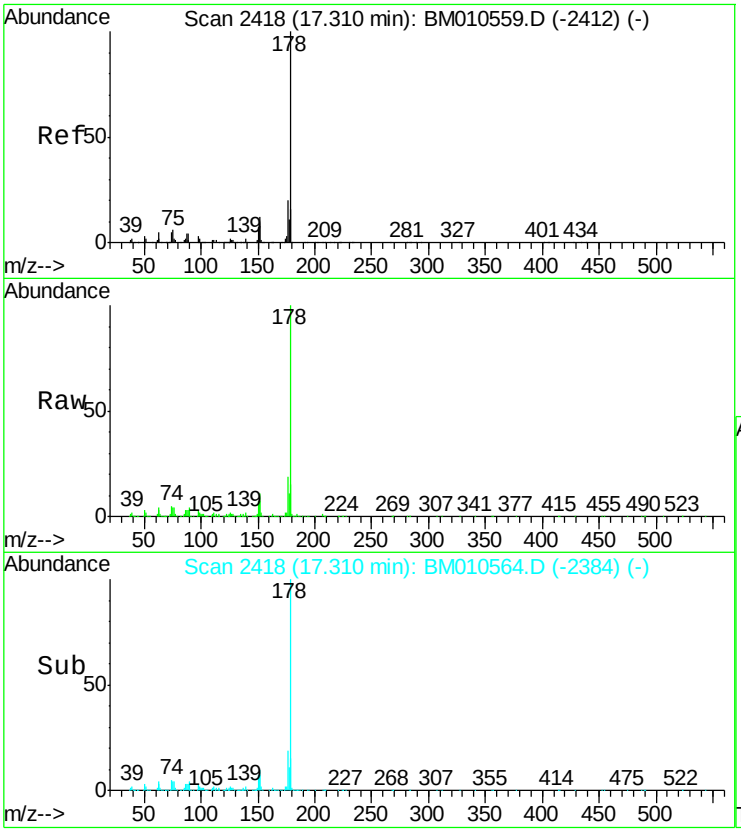


#58
Fluorene
Concen: 7.082 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:166 Resp: 129277

Ion	Ratio	Lower	Upper
166	100		
165	94.1	77.9	116.9
167	12.5	10.6	16.0

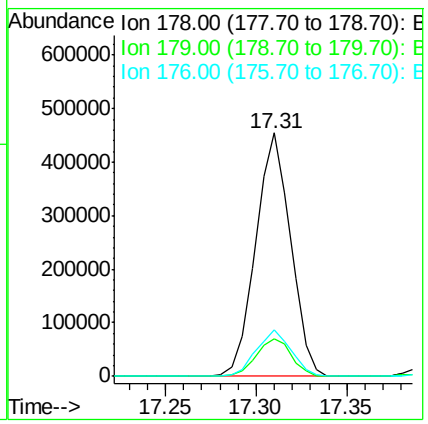




#69
Phenanthrene
Concen: 19.035 ng/ul
RT: 17.31 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:178 Resp: 609065

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.8	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
F5C58MEDL

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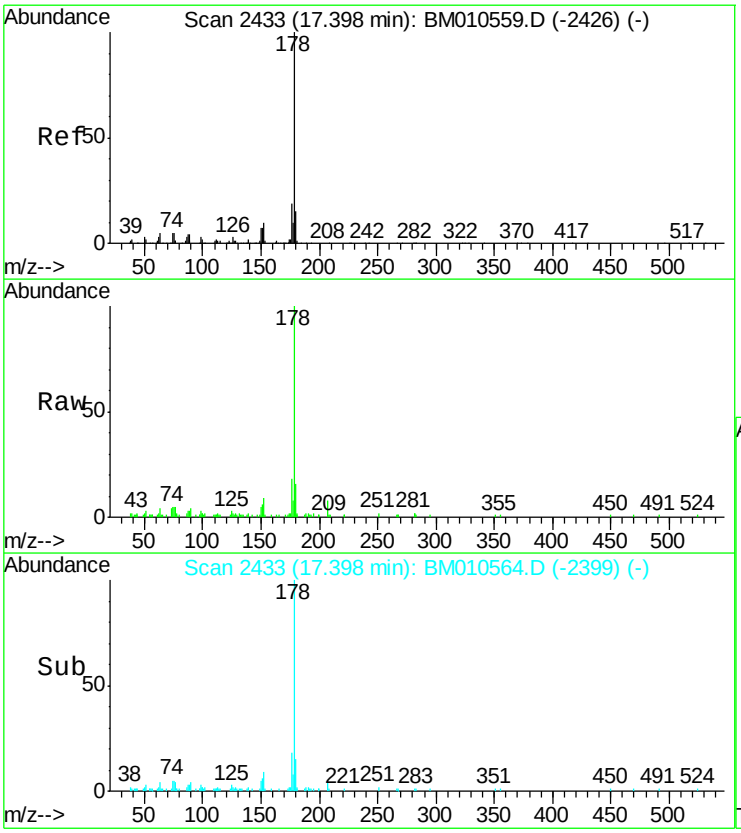
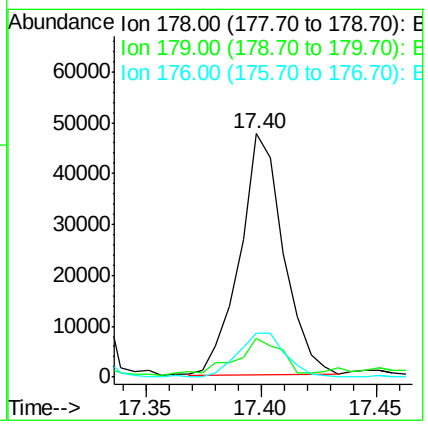
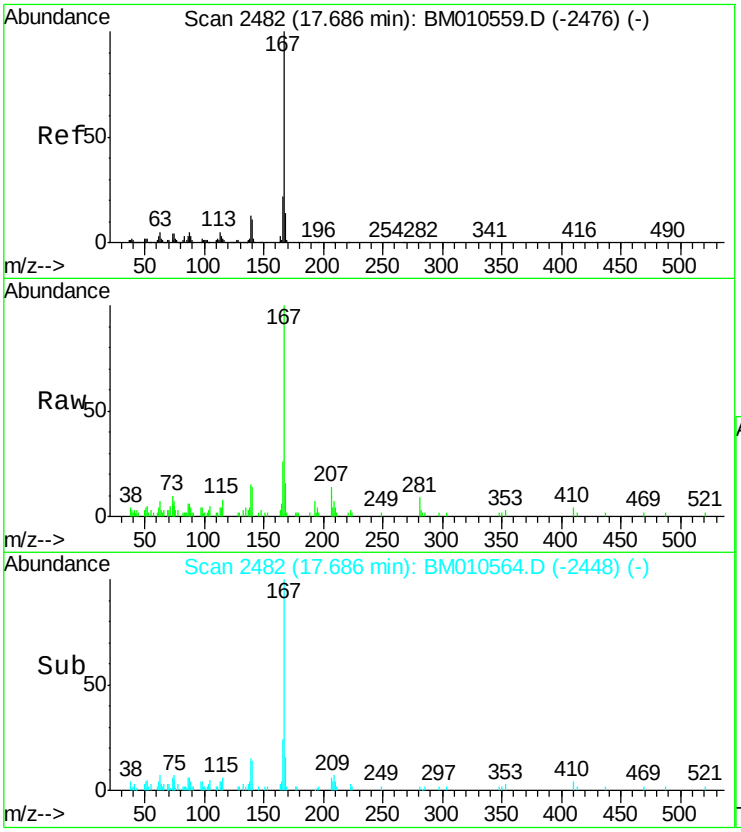


#71
Anthracene
Concen: 1.873 ng/ul
RT: 17.40 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:178 Resp: 62551

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	17.9	14.6	21.8

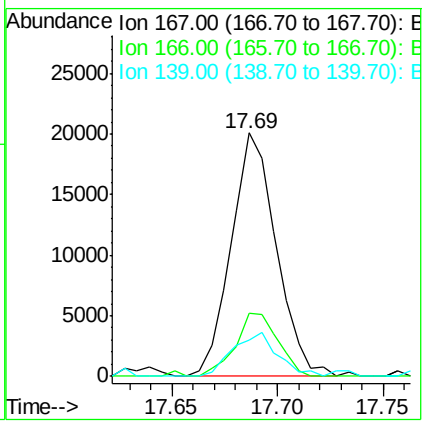




#72
Carbazole
Concen: 1.052 ng/ul
RT: 17.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:167 Resp: 29750

Ion	Ratio	Lower	Upper
167	100		
166	25.9	17.1	25.7#
139	15.2	10.0	15.0#



Instrument :
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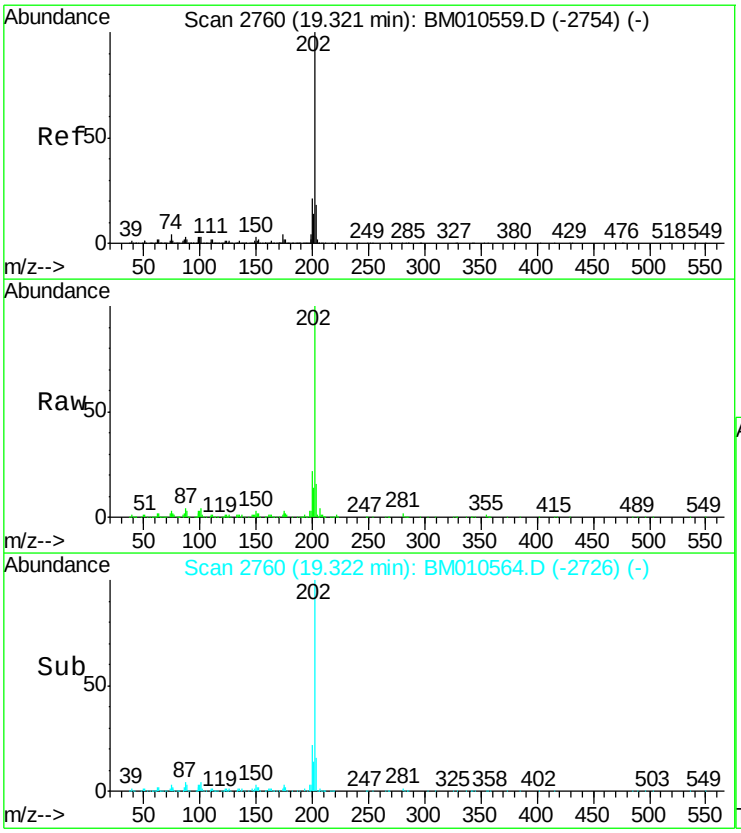
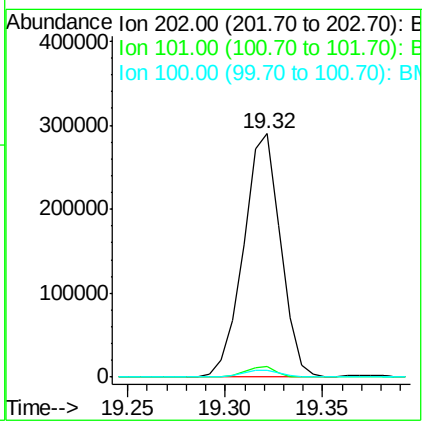
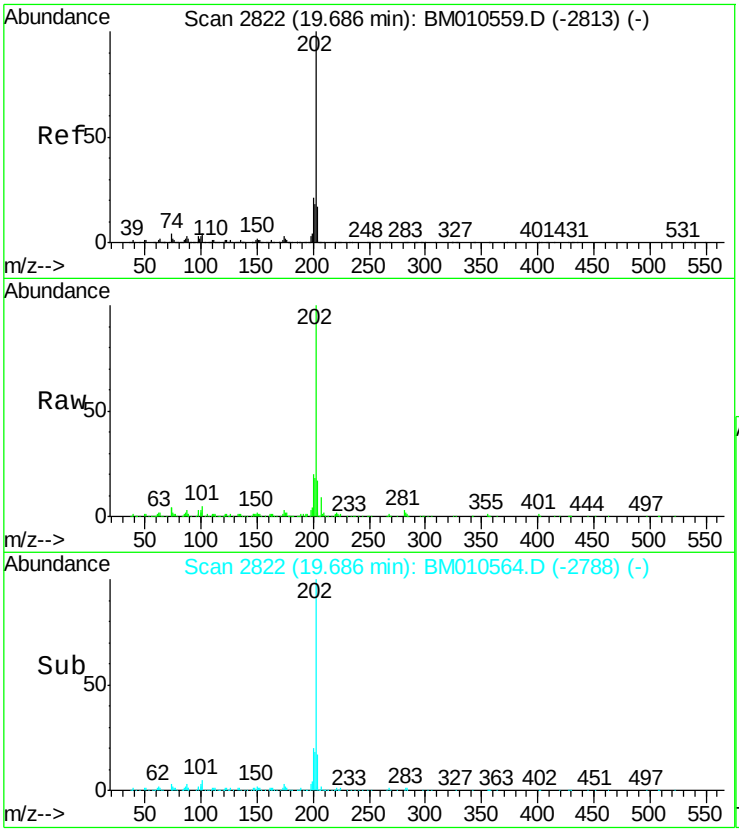


#74
Fluoranthene
Concen: 9.720 ng/ul
RT: 19.32 min Scan# 2760
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:202 Resp: 382469

Ion	Ratio	Lower	Upper
202	100		
101	4.2	4.6	7.0#
100	3.0	3.4	5.2#





#77
Pyrene
Concen: 5.493 ng/ul
RT: 19.69 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:202 Resp: 246406

Ion	Ratio	Lower	Upper
202	100		
101	4.8	5.1	7.7#
100	2.9	4.9	7.3#

Instrument :
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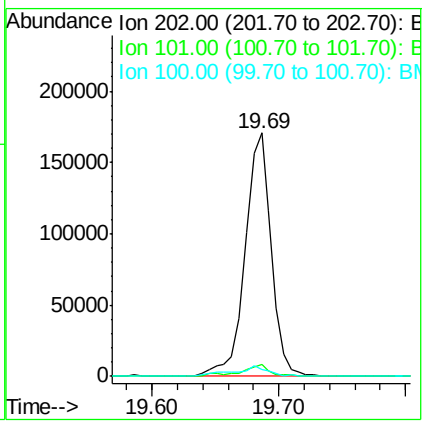
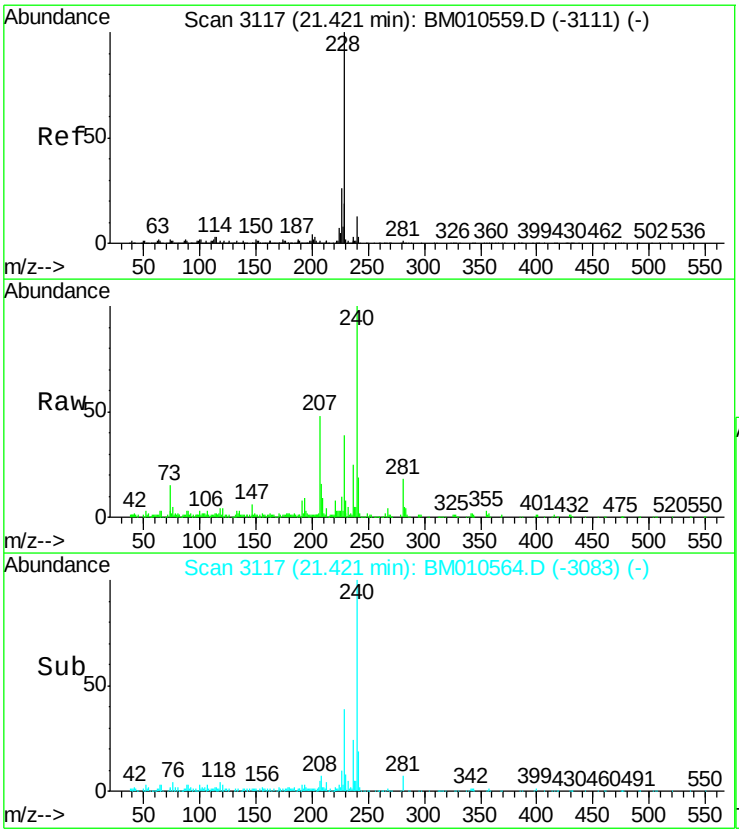
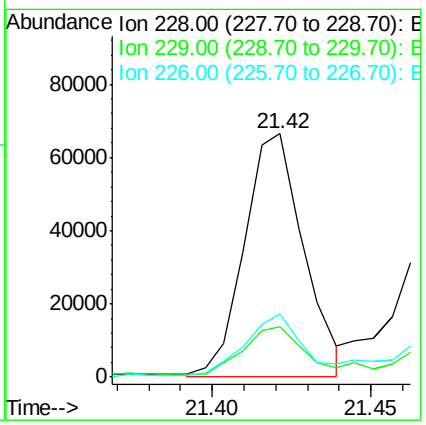


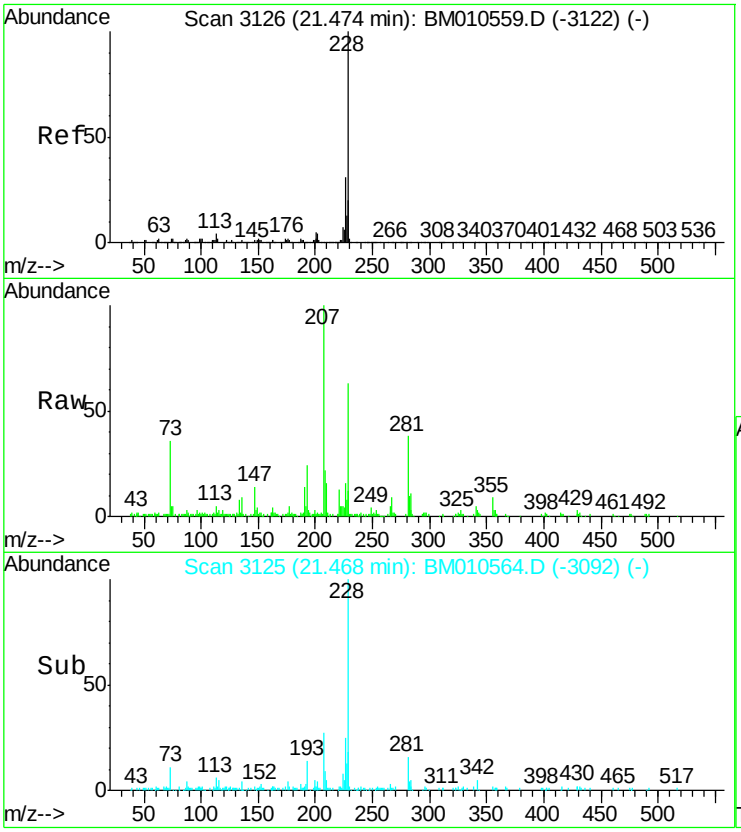


#80
Benzo(a)anthracene
Concen: 1.760 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:228 Resp: 86417

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	25.9	21.4	32.0

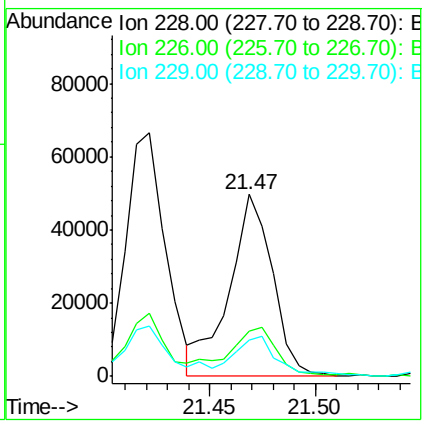




#82
Chrysene
Concen: 1.603 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM010564.D
Acq: 13 Jun 2017 17:29

Tgt Ion:228 Resp: 71122

Ion	Ratio	Lower	Upper
228	100		
226	25.1	23.4	35.2
229	19.7	15.5	23.3



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