

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013145.D
 Acq On : 28 Nov 2017 20:19
 Operator : SJ/JU
 Sample : I6556-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0GE4

Manual Integrations
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Quant Time: Nov 29 04:43:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 03:43:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	215358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	934051	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	578000	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1337930	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1467157	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1154185	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	10874m	2.34	ng/uL	0.00
5) Phenol-d5	6.89	99	218066	11.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	138834	13.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	178467	11.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	182295	11.93	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	98704	14.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	103500	16.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	191424	11.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	246968	14.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	686792	13.55	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	802456	12.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	89895	11.69	ng/ul	0.00
57) Fluorene-d10	15.34	176	568448	13.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	83885	14.46	ng/ul	0.00
70) Anthracene-d10	17.19	188	896295	13.09	ng/ul	0.00
76) Pyrene-d10	19.49	212	1001820	13.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	811854	13.87	ng/ul	0.00
Target Compounds						
6) Phenol	6.92	94	30583	1.661	ng/ul#	80
44) Dimethylphthalate	13.80	163	68204	1.407	ng/ul#	95
53) Dibenzofuran	14.75	168	81006	1.414	ng/ul	96
58) Fluorene	15.39	166	85694	1.816	ng/ul	99
69) Phenanthrene	17.13	178	1183841	15.731	ng/ul	98
71) Anthracene	17.22	178	280414	3.591	ng/ul	97
72) Carbazole	17.50	167	110144	1.631	ng/ul	99
74) Fluoranthene	19.15	202	1249387	13.736	ng/ul#	93
77) Pyrene	19.52	202	977568	10.701	ng/ul#	95
80) Benzo(a)anthracene	21.26	228	623693	6.642	ng/ul	100
82) Chrysene	21.31	228	531937	6.109	ng/ul	96
85) Benzo(b)fluoranthene	22.84	252	450839	6.044	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	175779m	2.560	ng/ul	
88) Benzo(a)pyrene	23.40	252	300010	4.319	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	119047	1.467	ng/ul#	93

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

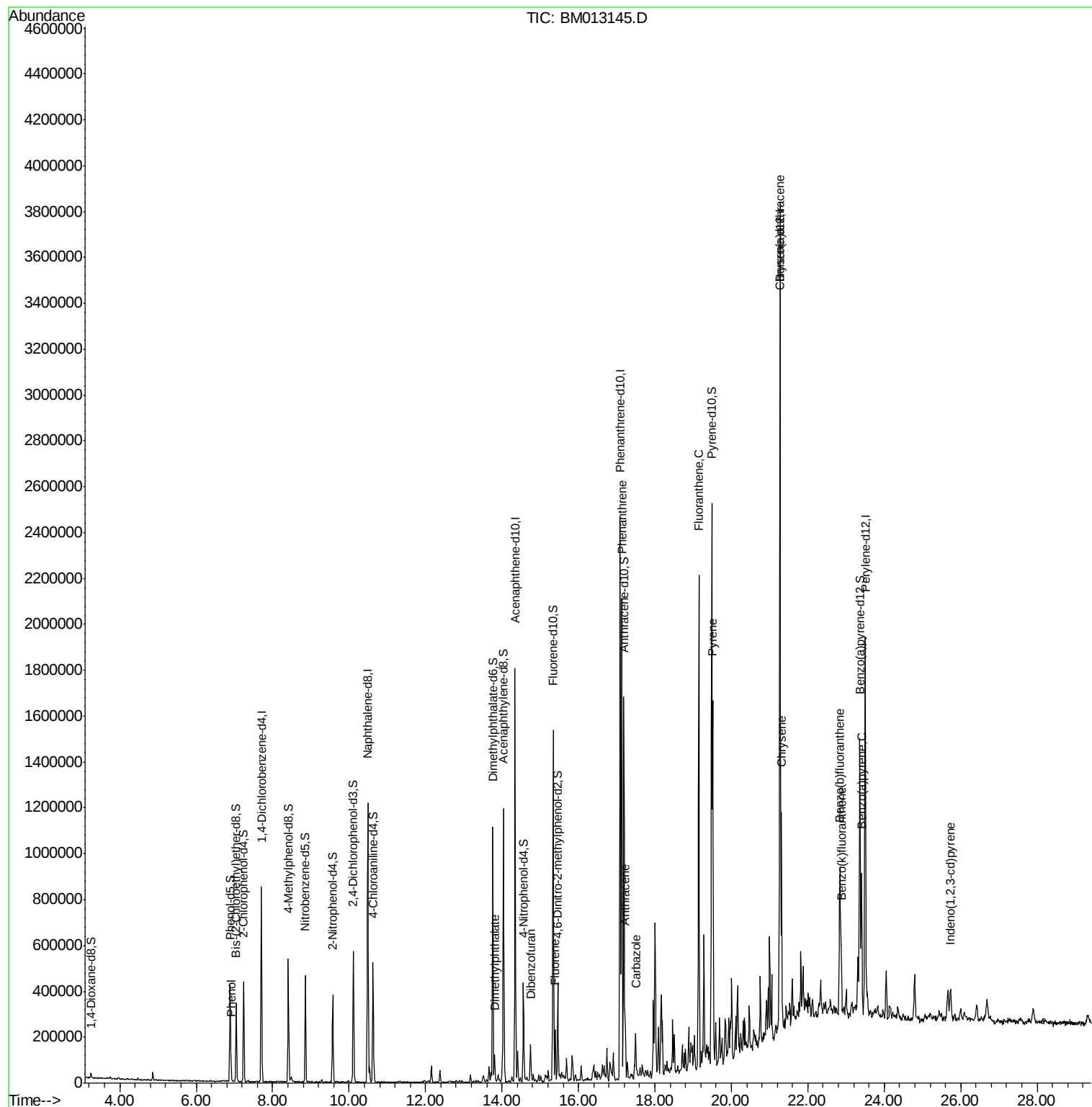
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013145.D
Acq On : 28 Nov 2017 20:19
Operator : SJ/JU
Sample : I6556-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

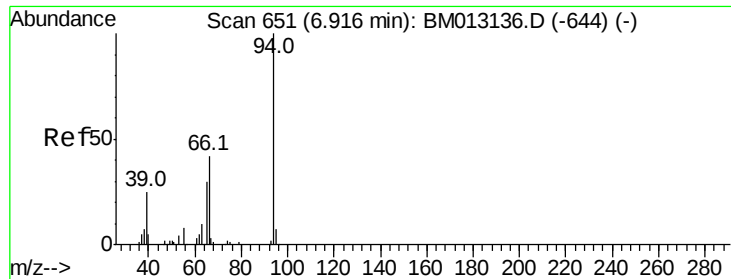
Instrument :
BNA_M
ClientSampleId :
B0GE4

Quant Time: Nov 29 04:43:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

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#6

Phenol

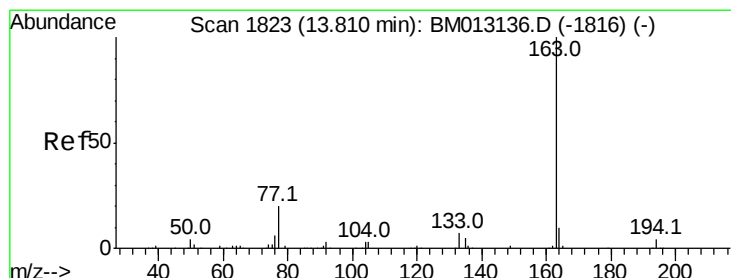
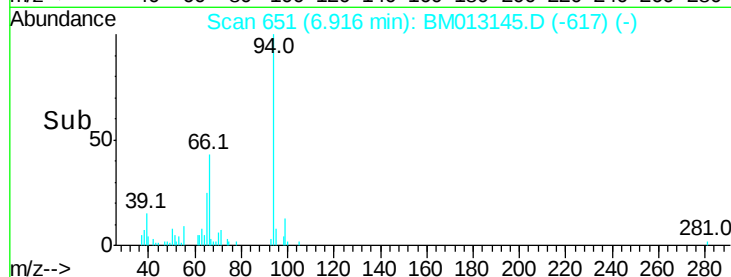
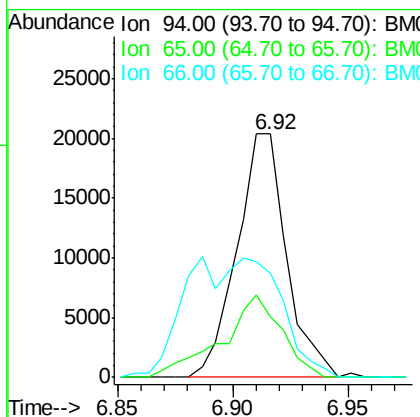
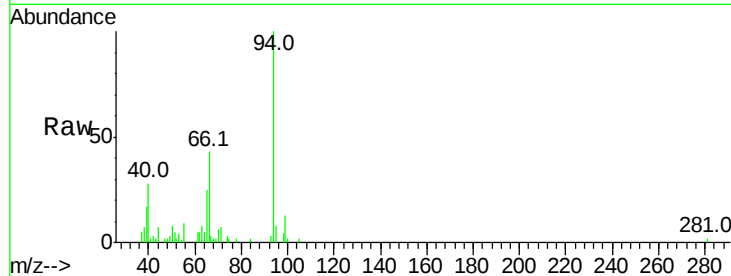
Concen: 1.661 ng/ul
 RT: 6.92 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BM013145.D
 Acq: 28 Nov 2017 20:19

Instrument :
 BNA_M
 ClientSampled :
 B0GE4

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.1	28.2	42.4#
66	43.0	47.2	70.8#

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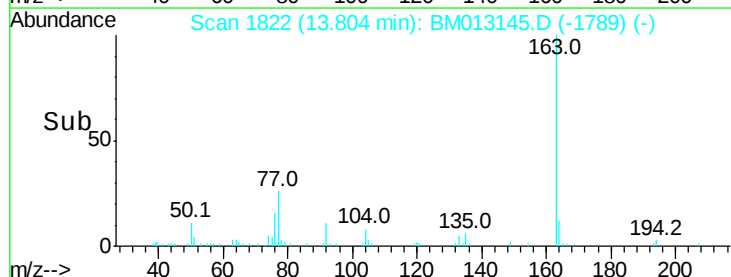
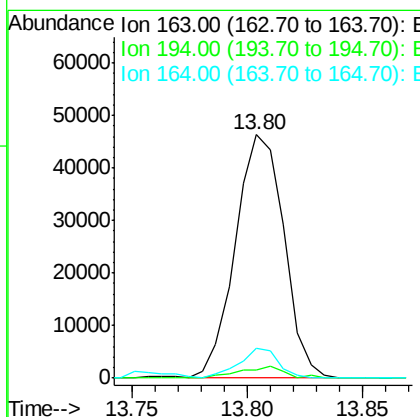
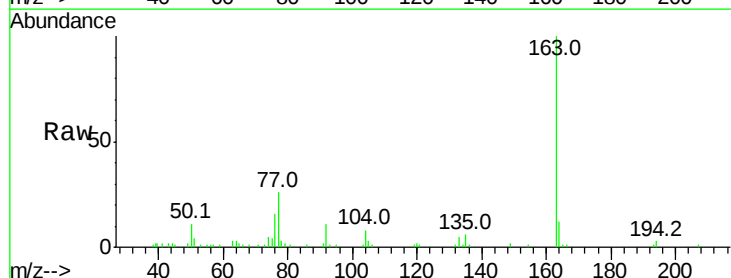


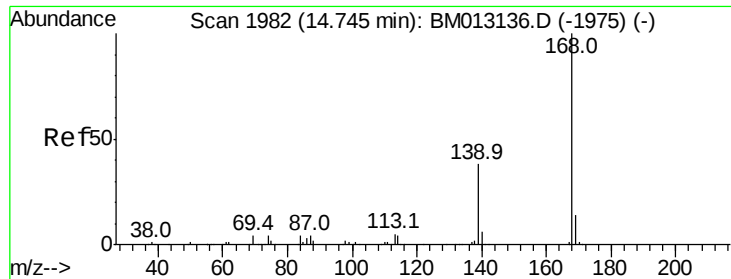
#44

Dimethylphthalate

Concen: 1.407 ng/ul
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM013145.D
 Acq: 28 Nov 2017 20:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.5	5.3#
164	12.3	8.2	12.4





#53

Dibenzenofuran

Concen: 1.414 ng/ul

RT: 14.75 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

Instrument :

BNA_M

ClientSampleId :

B0GE4

Tot Ion:168 Resp: 81006

Ion Ratio Lower Upper

168 100

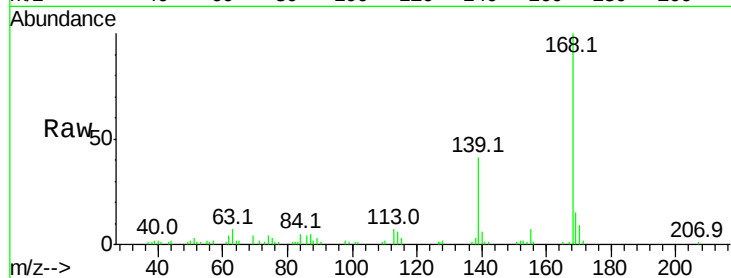
139 40.8 30.8 46.2

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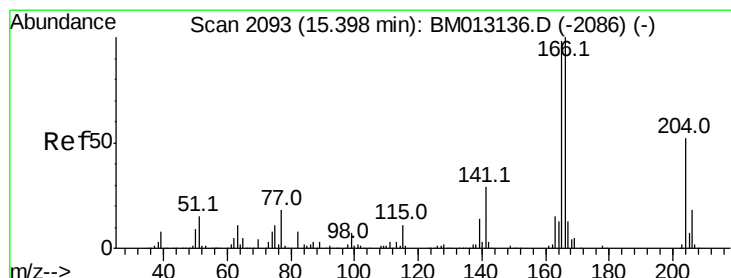
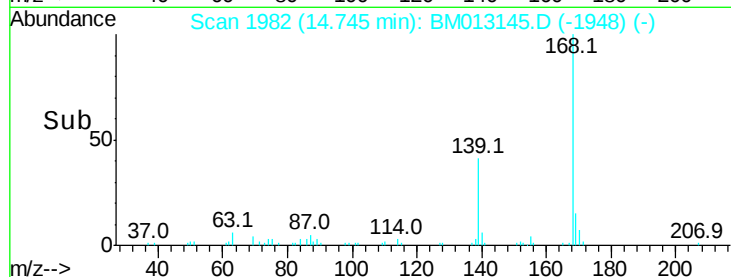
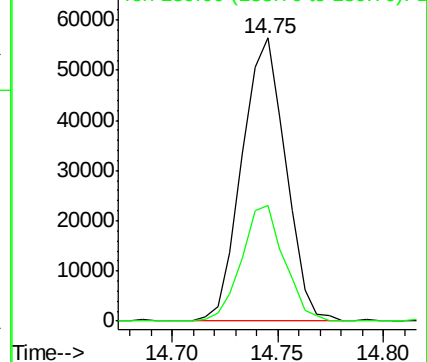
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 1.816 ng/ul

RT: 15.39 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

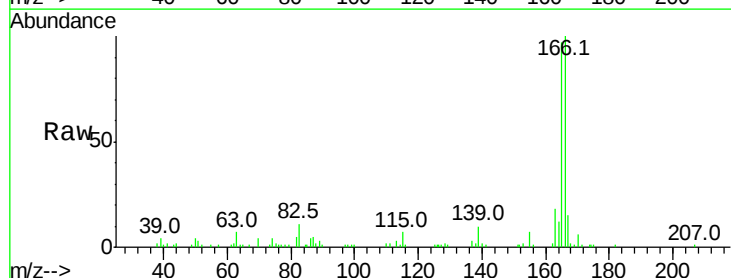
Tgt Ion:166 Resp: 85694

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

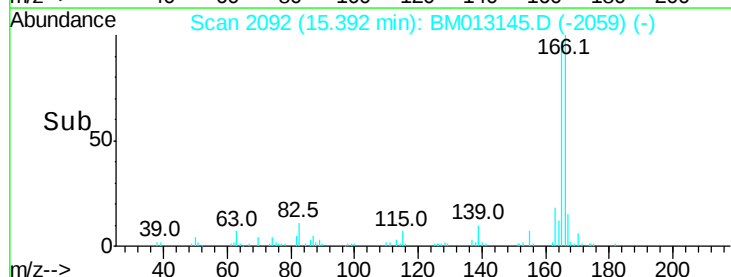
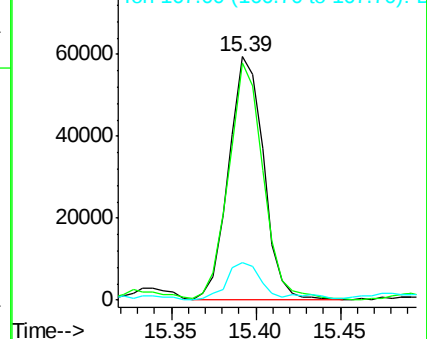
167 15.4 10.6 16.0

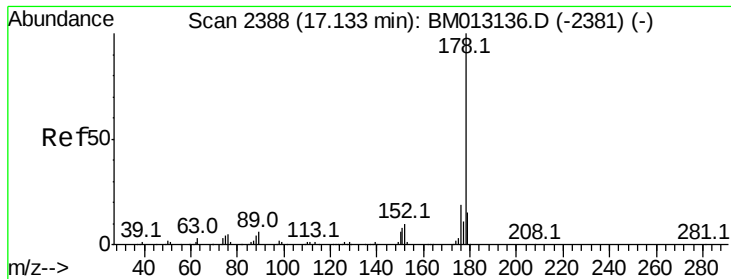


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 15.731 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

Instrument :

BNA_M

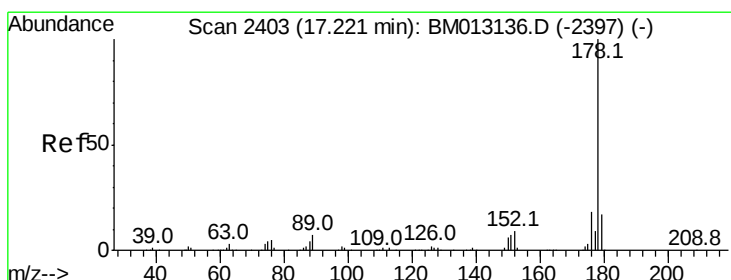
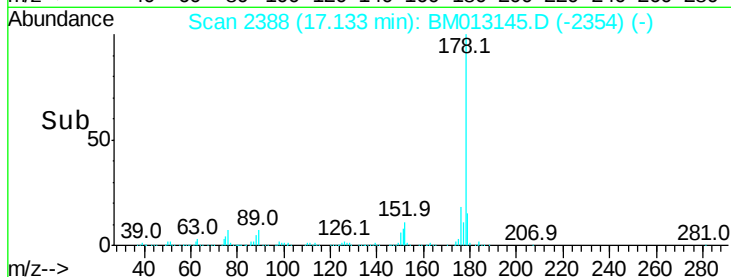
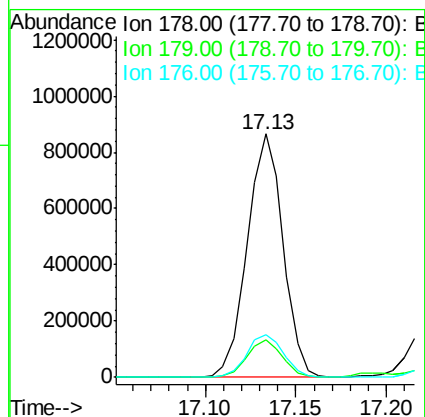
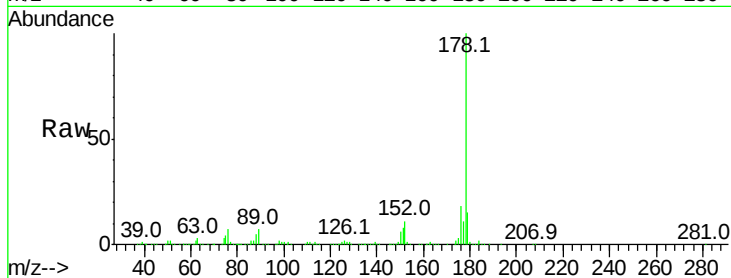
ClientSampled :

B0GE4

Tot Ion:178	Resp: 1183841
Ion Ratio	Lower Upper
178 100	
179 15.4	12.6 19.0
176 17.6	14.9 22.3

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#71

Anthracene

Concen: 3.591 ng/ul

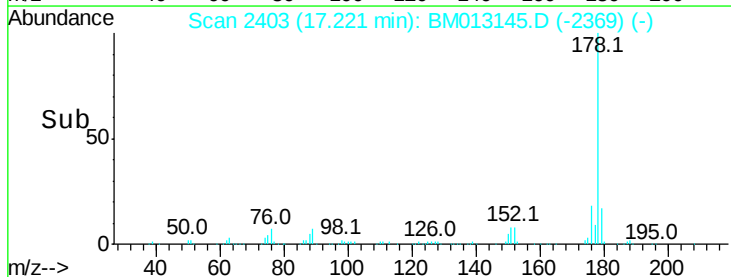
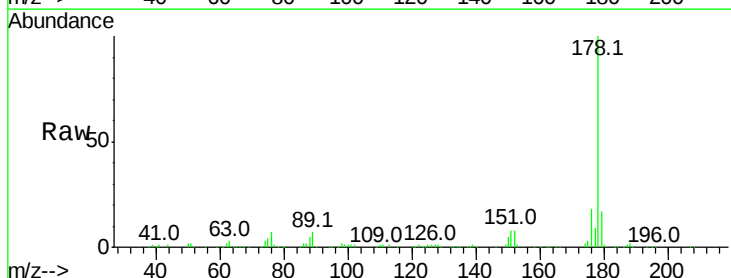
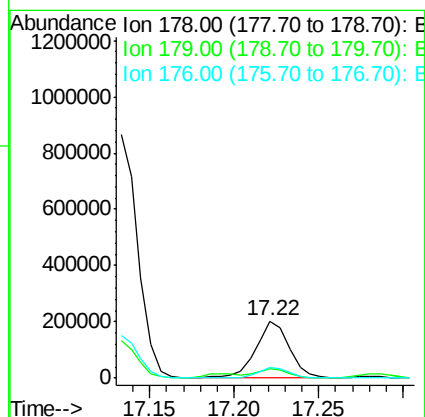
RT: 17.22 min Scan# 2403

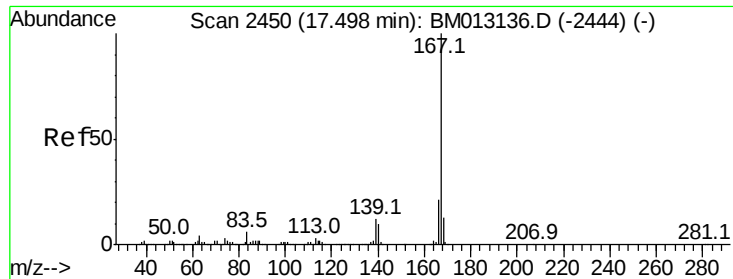
Delta R.T. -0.00 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

Tgt Ion:178	Resp: 280414
Ion Ratio	Lower Upper
178 100	
179 16.5	11.7 17.5
176 17.7	14.6 21.8





#72

Carbazole

Concen: 1.631 ng/ul

RT: 17.50 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

Instrument :

BNA_M

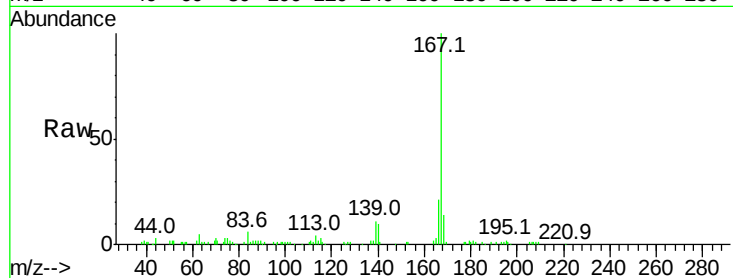
ClientSampled :

B0GE4

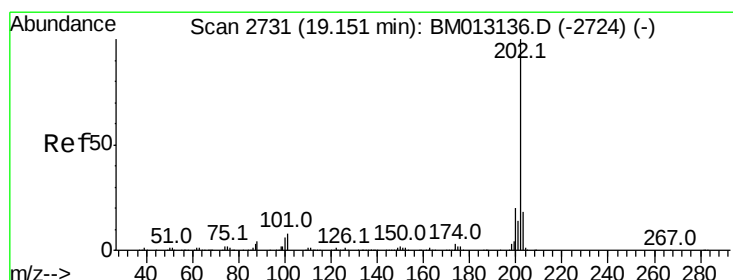
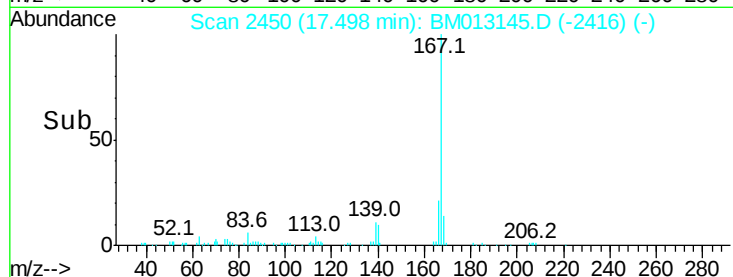
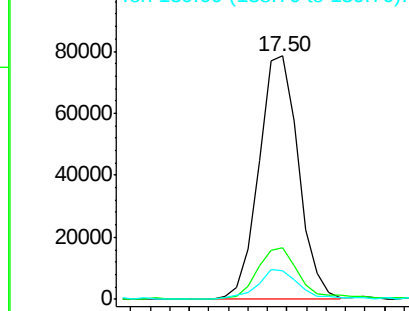
Tot Ion:	167	Resp:	110144
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.1	25.7
139	11.5	10.0	15.0

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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: 13.736 ng/ul

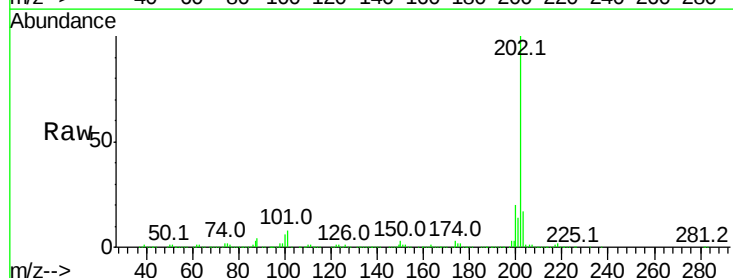
RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

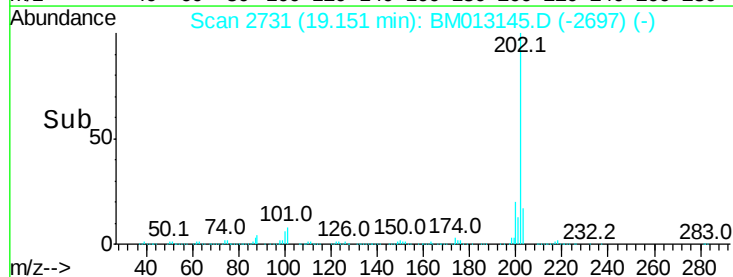
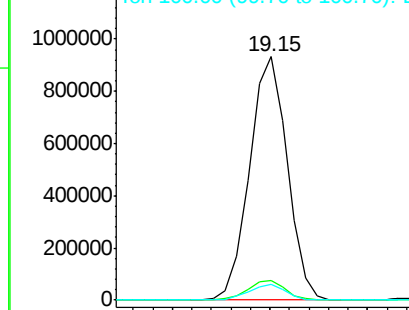
Lab File: BM013145.D

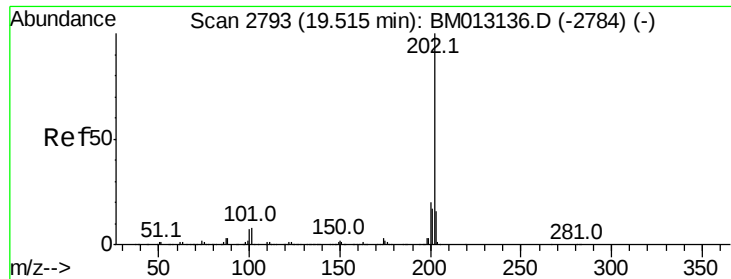
Acq: 28 Nov 2017 20:19

Tgt Ion:	202	Resp:	1249387
Ion Ratio	Lower	Upper	
202	100		
101	8.1	4.6	7.0#
100	6.4	3.4	5.2#



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





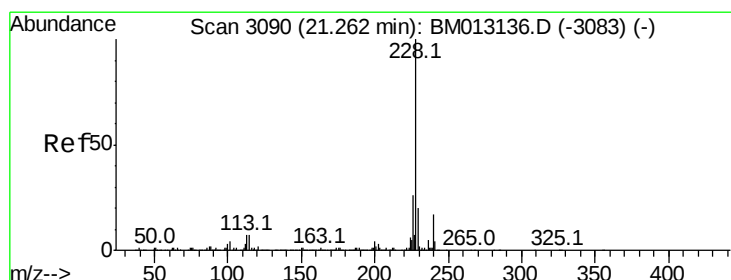
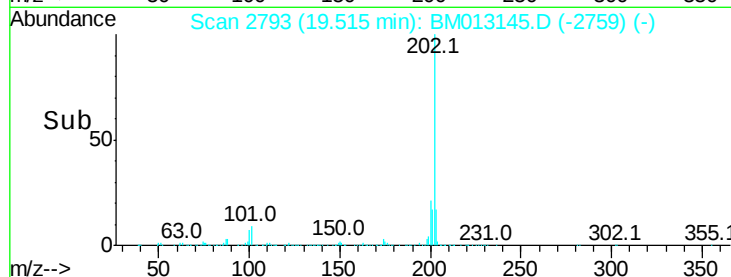
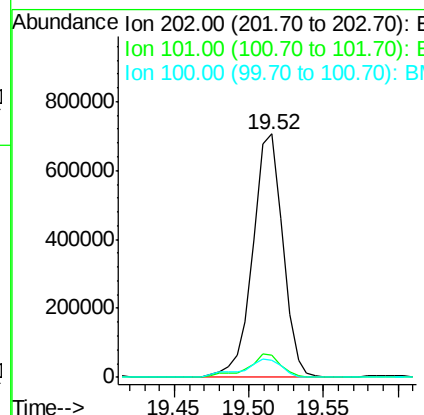
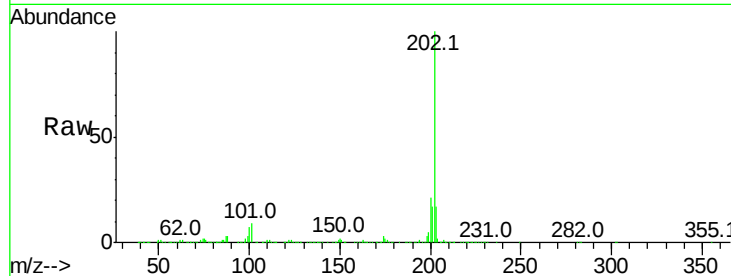
#77
 Pvrene
 Concen: 10.701 ng/ul
 RT: 19.52 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BM013145.D
 Acq: 28 Nov 2017 20:19

Instrument :
 BNA_M
 ClientSampleId :
 B0GE4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	7.1	4.9	7.3

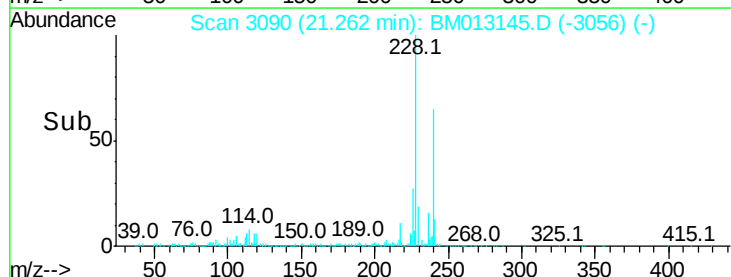
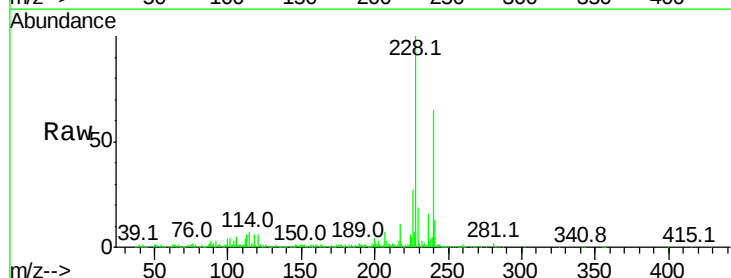
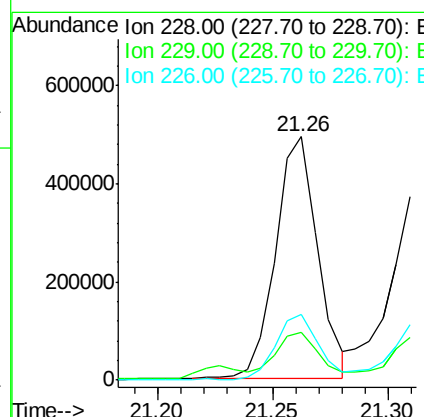
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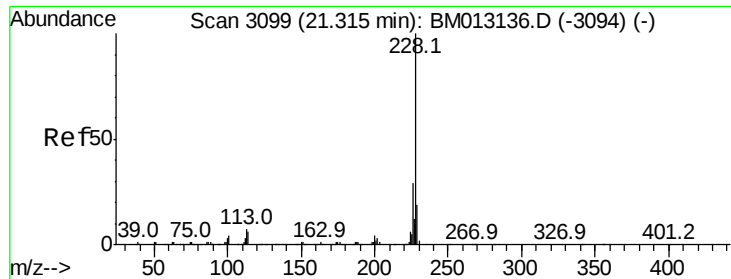
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#80
 Benzo(a)anthracene
 Concen: 6.642 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM013145.D
 Acq: 28 Nov 2017 20:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.4	15.4	23.0
226	26.8	21.4	32.0





#82

Chrysene

Concen: 6.109 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

Instrument :

BNA_M

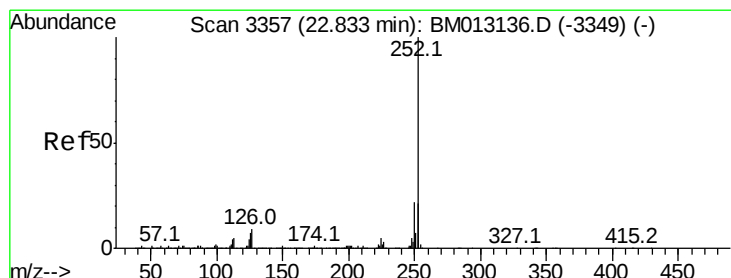
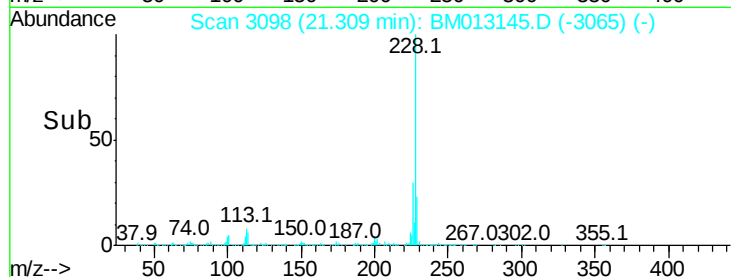
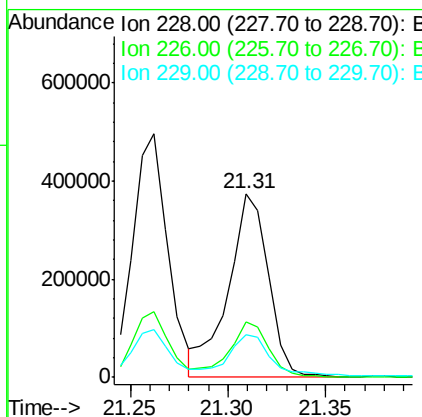
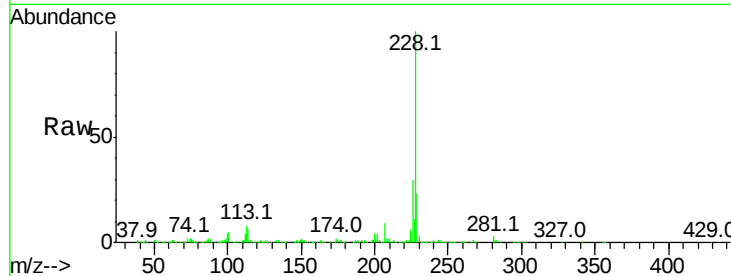
ClientSampled :

B0GE4

Tot Ion:	228	Resp:	531937
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.2
229	23.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 6.044 ng/ul

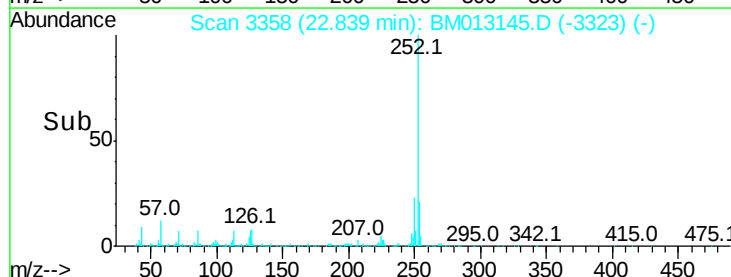
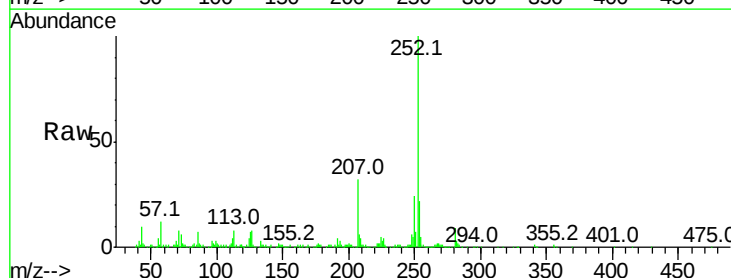
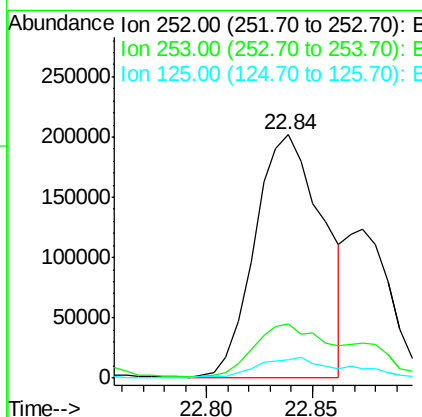
RT: 22.84 min Scan# 3358

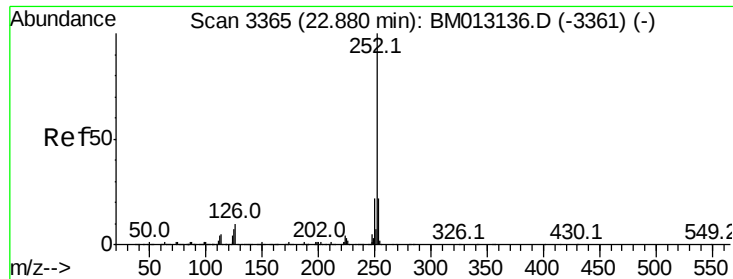
Delta R.T. 0.01 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

Tgt Ion:	252	Resp:	450839
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	7.4	3.6	5.4#





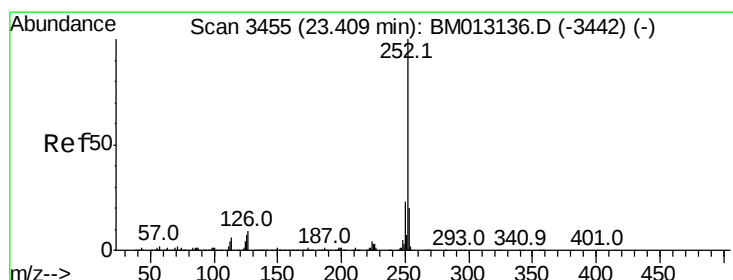
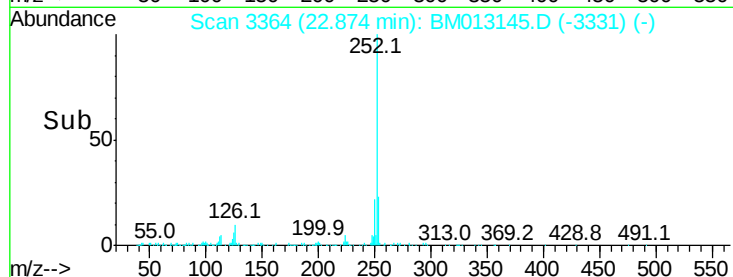
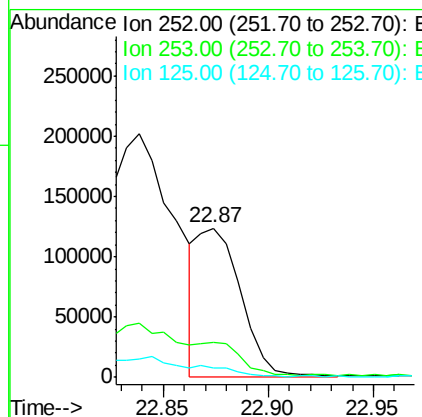
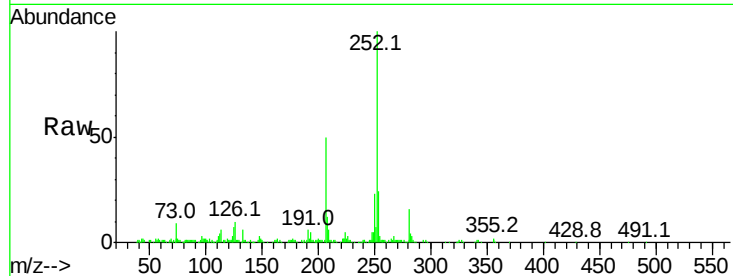
#86
Benzo(k)fluoranthene
Concen: 2.560 ng/ul m
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM013145.D
Acq: 28 Nov 2017 20:19

Instrument :
BNA_M
ClientSampleId :
B0GE4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	6.5	3.4	5.2#

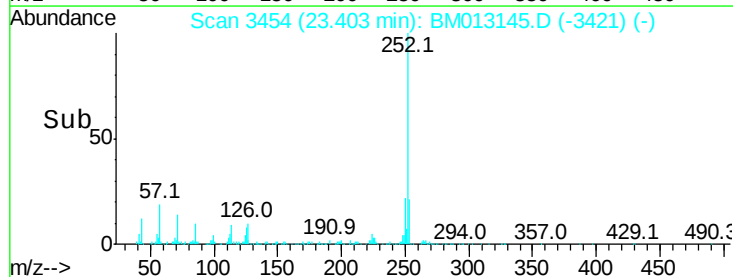
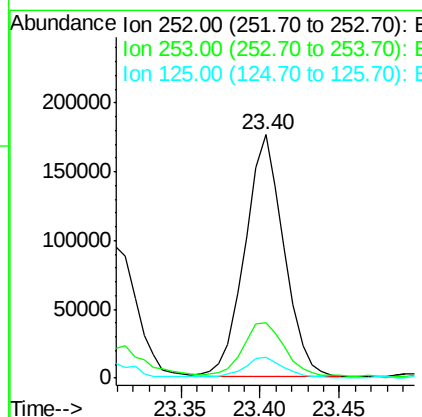
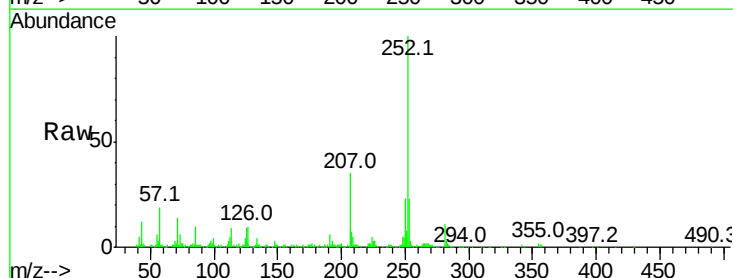
Manual Integrations
APPROVED

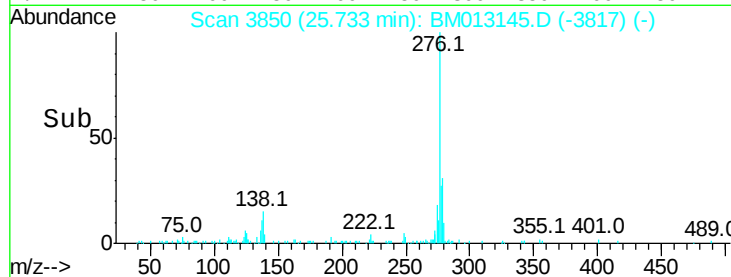
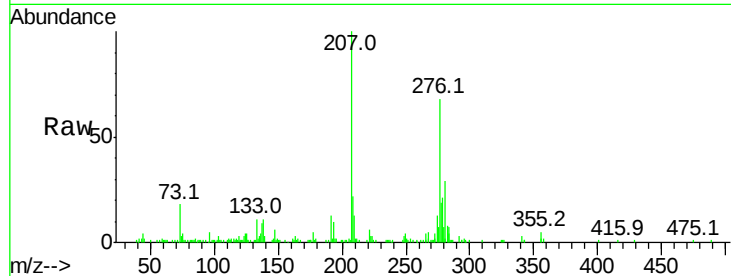
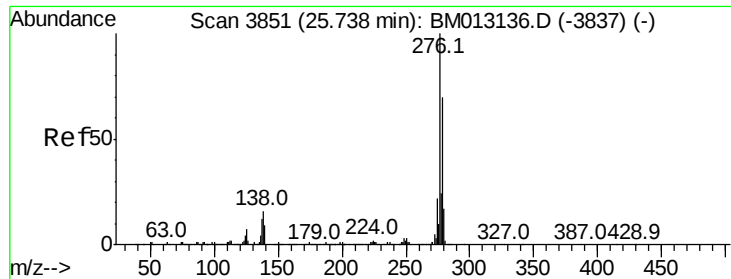
Sohil
11/29/2017 4:31:07 PM



#88
Benzo(a)pyrene
Concen: 4.319 ng/ul
RT: 23.40 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM013145.D
Acq: 28 Nov 2017 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.7	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.467 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BM013145.D

Acq: 28 Nov 2017 20:19

Instrument :

BNA_M

ClientSampleId :

B0GE4

Tot Ion: 276 Resp: 119047

Ion Ratio Lower Upper

276 100

138 15.6 9.3 13.9#

277 27.4 19.9 29.9

Manual Integrations
APPROVED

Sohil

11/29/2017 4:31:07 PM

