

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012815.D
 Acq On : 08 Nov 2017 11:34
 Operator : SJ/JU
 Sample : I6164-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET0D1

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:19 PM

Quant Time: Nov 09 01:38:39 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	124064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	498453	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	277899	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	535516	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	507027	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	569154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7957	3.46	ng/uL	0.00
5) Phenol-d5	6.97	99	174579	18.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	101720	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	153372	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	120477	15.12	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	73772	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	87361	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	159767	18.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	68662	8.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	471324	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	563312	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	46318	12.57	ng/ul	0.00
57) Fluorene-d10	15.43	176	385218	19.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	49555	14.02	ng/ul	0.00
70) Anthracene-d10	17.28	188	525287	20.30	ng/ul	0.00
78) Pyrene-d10	19.57	212	498755	21.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	553139	20.55	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.00	94	17368	1.833	ng/ul 98
44) Dimethylphthalate	13.89	163	139910	6.131	ng/ul 99
49) Acenaphthene	14.50	153	62549	3.330	ng/ul 95
53) Dibenzofuran	14.84	168	37958	1.386	ng/ul 91
58) Fluorene	15.49	166	88696	3.898	ng/ul 100
69) Phenanthrene	17.23	178	1675039	57.226	ng/ul 99
71) Anthracene	17.32	178	441175	14.537	ng/ul 99
74) Carbazole	17.59	167	87388	3.452	ng/ul 99
76) Fluoranthene	19.24	202	3877425	110.237	ng/ul# 95
79) Pyrene	19.61	202	3034907	100.325	ng/ul# 93
82) Benzo(a)anthracene	21.35	228	1691254	55.124	ng/ul 99
84) Chrysene	21.40	228	1716603	61.736	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	2602088	74.812	ng/ul# 97
88) Benzo(k)fluoranthene	23.00	252	874791	26.460	ng/ul# 95
90) Benzo(a)pyrene	23.55	252	1754396m	53.009	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.96	276	1406475	35.260	ng/ul# 86
92) Dibenzo(a,h)anthracene	25.96	278	355047m	10.515	ng/ul
93) Benzo(g,h,i)perylene	26.67	276	1218944	37.086	ng/ul# 91

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

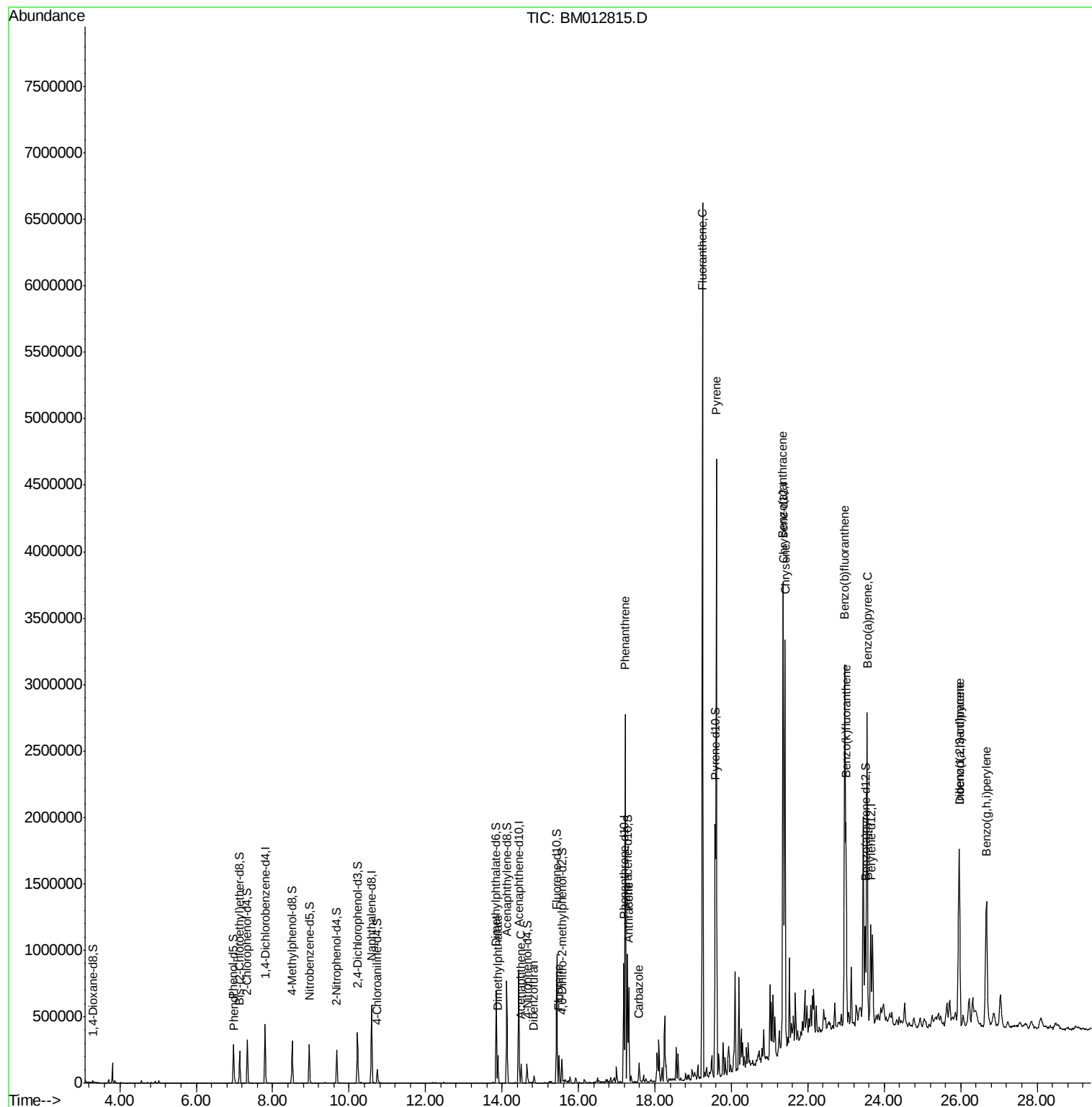
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012815.D
Acq On : 08 Nov 2017 11:34
Operator : SJ/JU
Sample : I6164-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

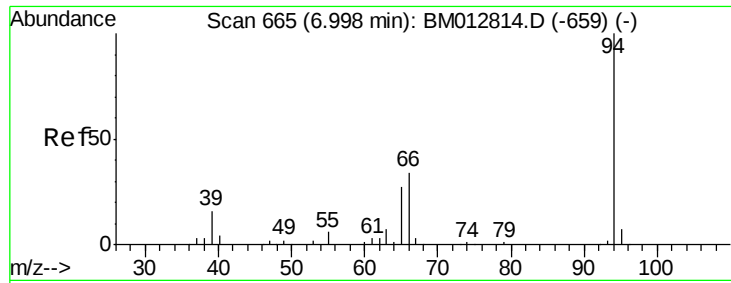
Instrument :
BNA_M
ClientSampleId :
ET0D1

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Quant Time: Nov 09 01:38:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 01:31:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.833 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Instrument :

BNA_M

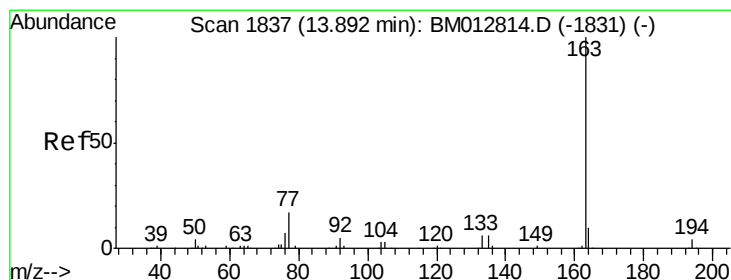
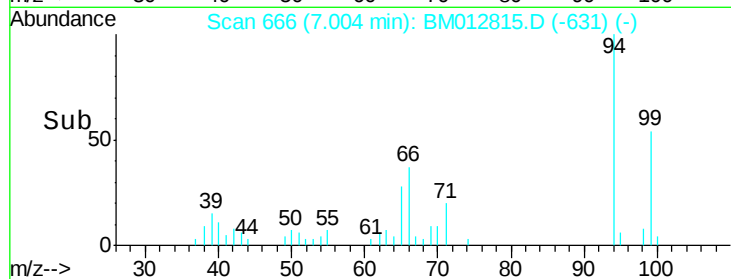
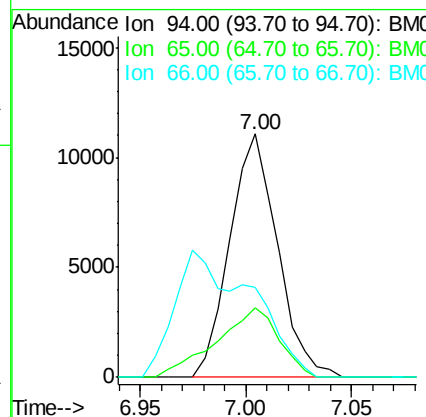
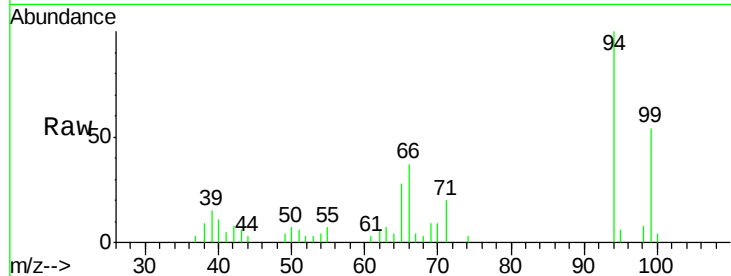
ClientSampleId :

ET0D1

Tgt Ion:	94	Resp:	17368
Ion Ratio	Lower	Upper	
94	100		
65	28.3	21.0	31.6
66	37.1	29.3	43.9

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#44

Dimethylphthalate

Concen: 6.131 ng/ul

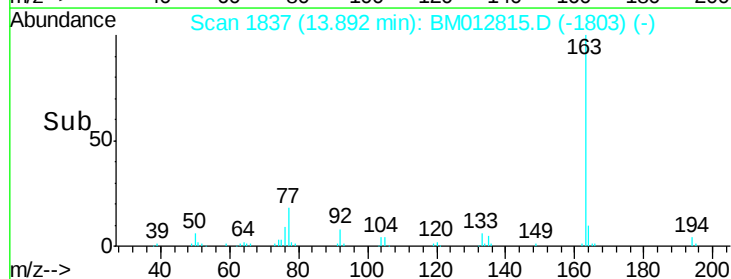
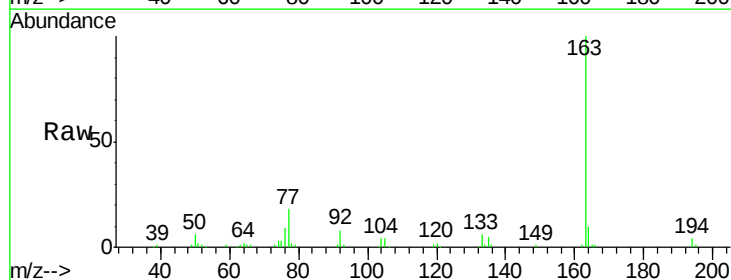
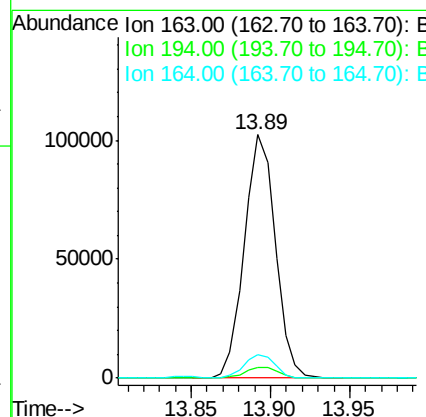
RT: 13.89 min Scan# 1837

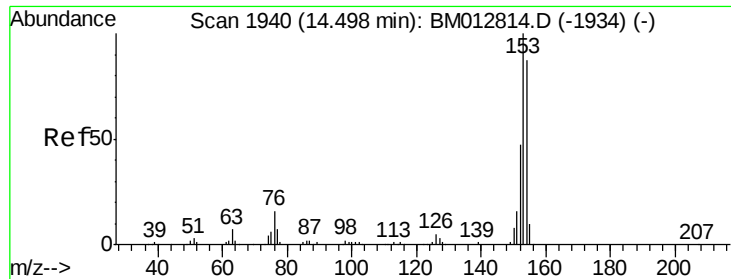
Delta R.T. 0.00 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Tgt Ion:	163	Resp:	139910
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	9.6	7.8	11.8





#49

Acenaphthene

Concen: 3.330 ng/ul

RT: 14.50 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Instrument :

BNA_M

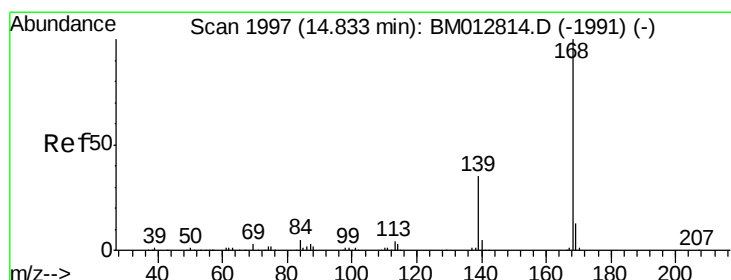
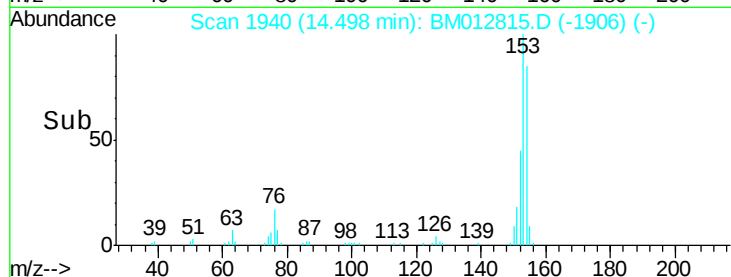
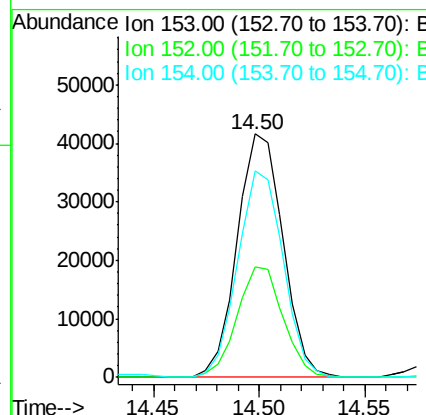
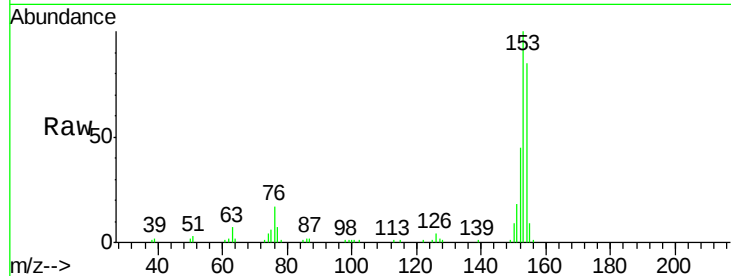
ClientSampled :

ETOD1

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.4	38.3	57.5
154	85.0	71.8	107.8

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#53

Dibenzofuran

Concen: 1.386 ng/ul

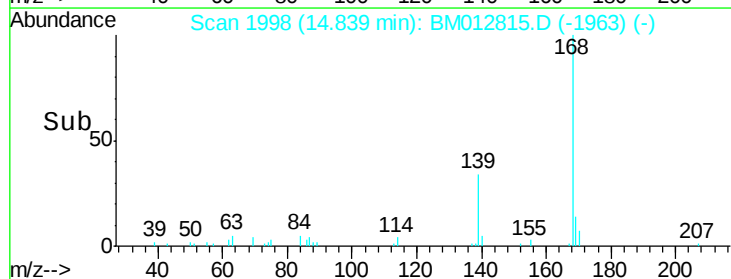
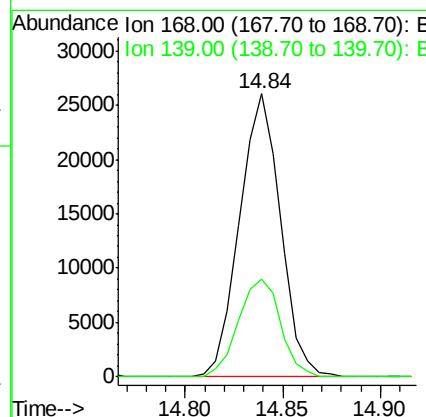
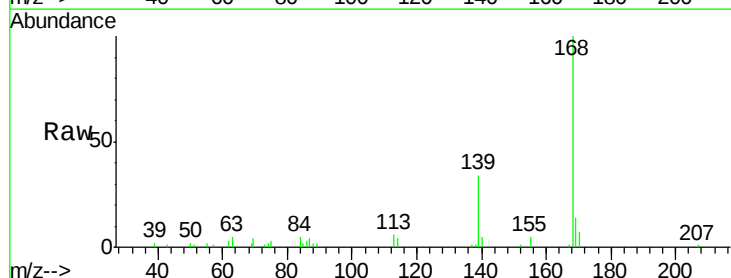
RT: 14.84 min Scan# 1998

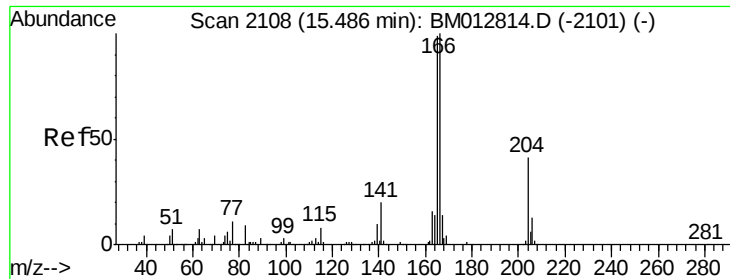
Delta R.T. 0.01 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.4	32.2	48.2





#58

Fluorene

Concen: 3.898 ng/ul

RT: 15.49 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Instrument :

BNA_M

ClientSampleId :

ETOD1

Tgt Ion:166 Resp: 88696

Ion Ratio Lower Upper

166 100

165 97.8 78.5 117.7

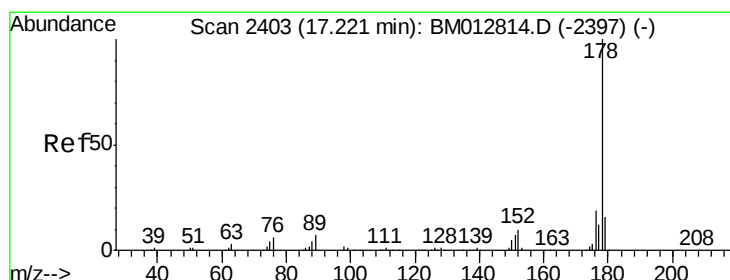
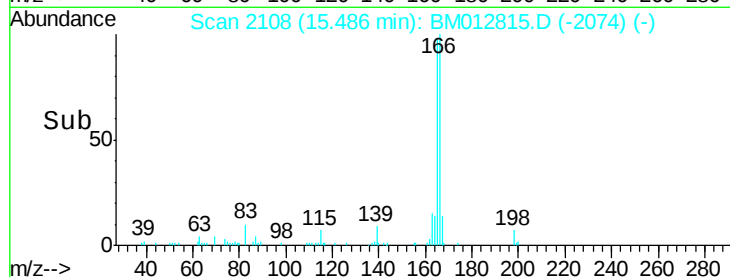
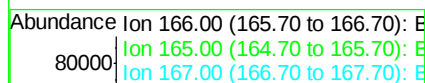
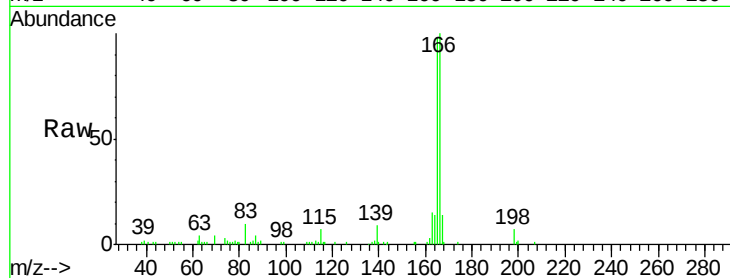
167 13.7 10.7 16.1

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#69

Phenanthrene

Concen: 57.226 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

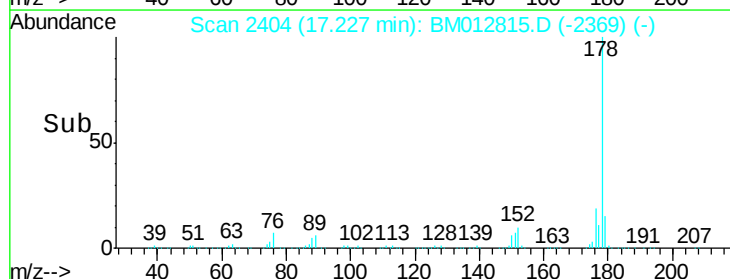
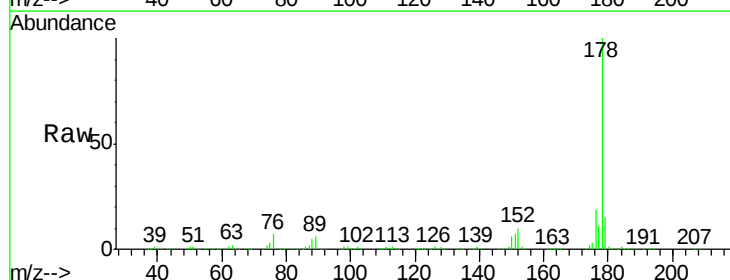
Tgt Ion:178 Resp: 1675039

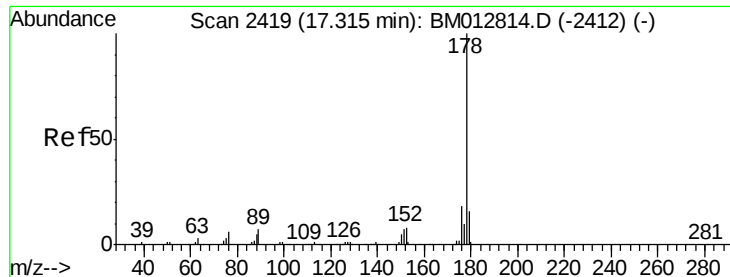
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.8 15.6 23.4





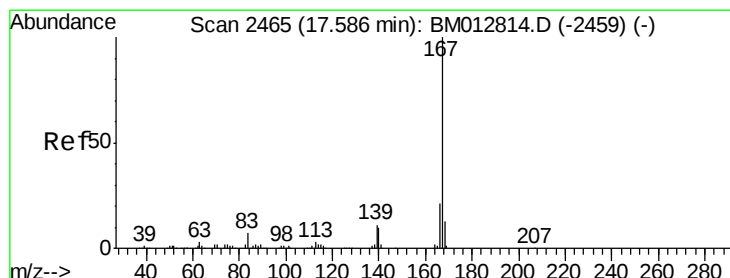
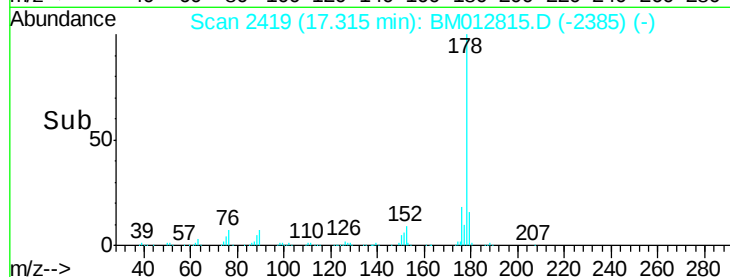
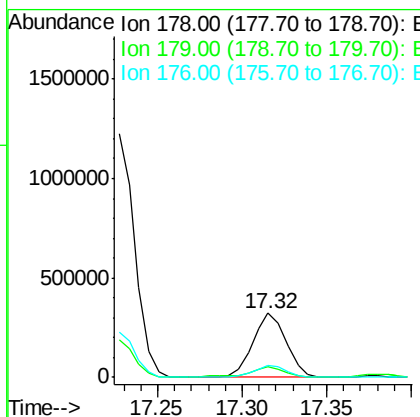
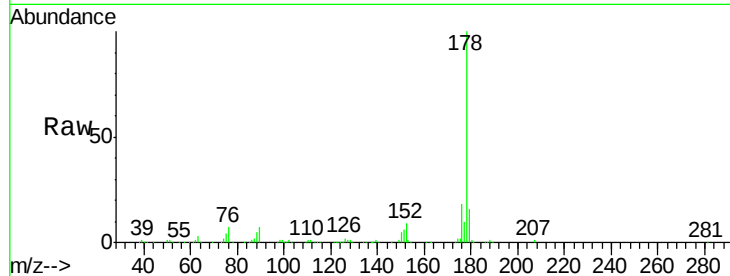
#71
 Anthracene
 Concen: 14.537 ng/ul
 RT: 17.32 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BM012815.D
 Acq: 08 Nov 2017 11:34

Instrument :
 BNA_M
 ClientSampleId :
 ET0D1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.0	14.8	22.2

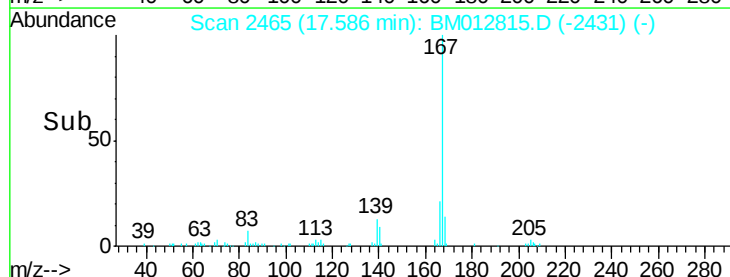
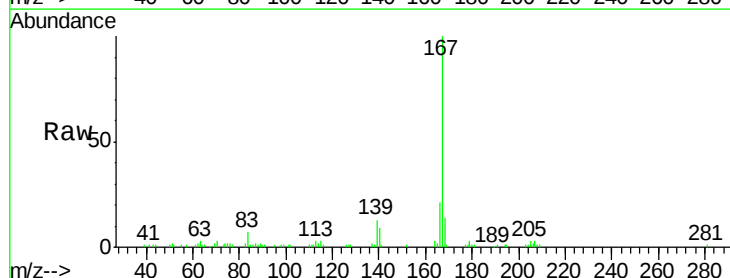
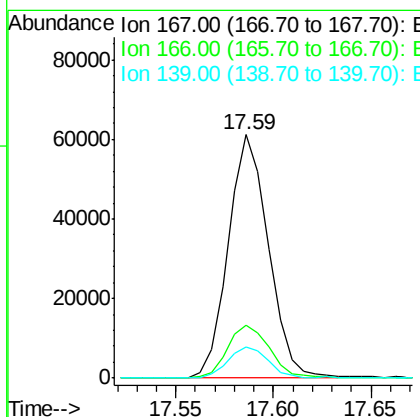
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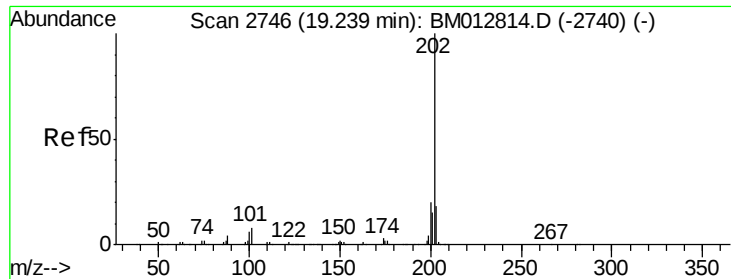
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#74
 Carbazole
 Concen: 3.452 ng/ul
 RT: 17.59 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BM012815.D
 Acq: 08 Nov 2017 11:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.8	11.0	16.4





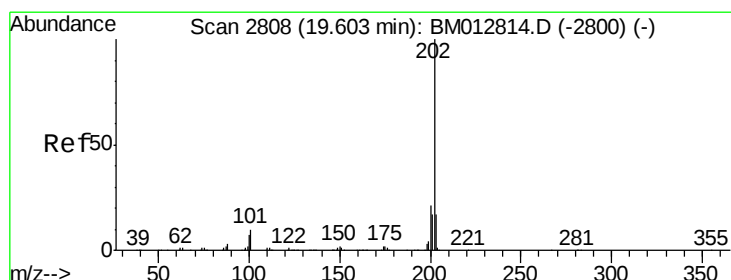
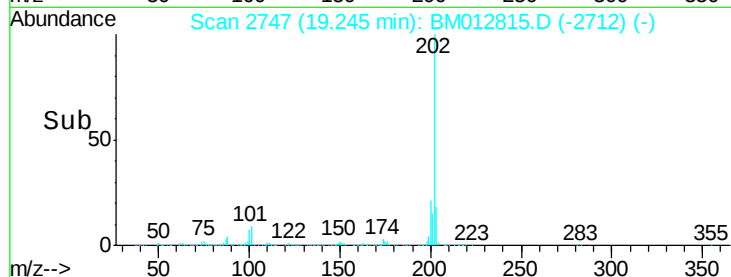
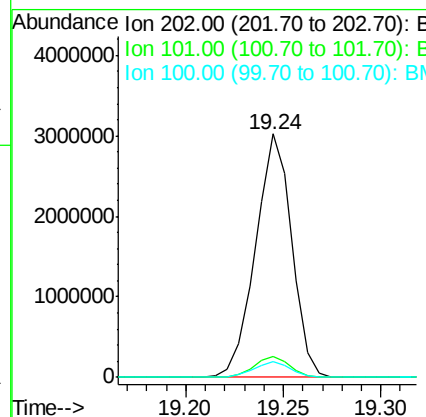
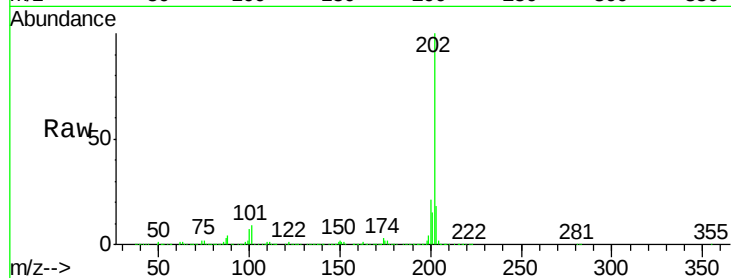
#76
 Fluoranthene
 Concen: 110.237 ng/ul
 RT: 19.24 min Scan# 2747
 Delta R.T. 0.01 min
 Lab File: BM012815.D
 Acq: 08 Nov 2017 11:34

Instrument :
 BNA_M
 ClientSampleId :
 ET0D1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3877425		
101	8.6		8.8	13.2#
100	6.7		6.6	9.8

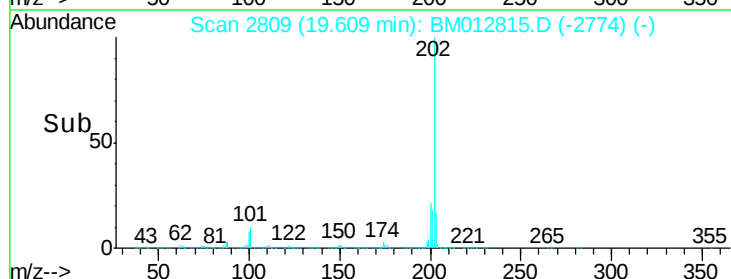
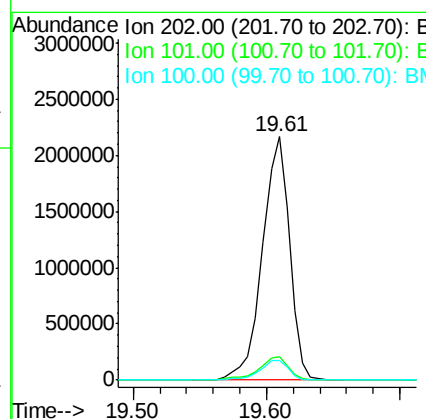
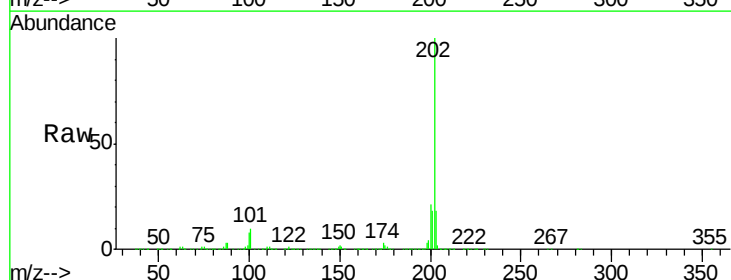
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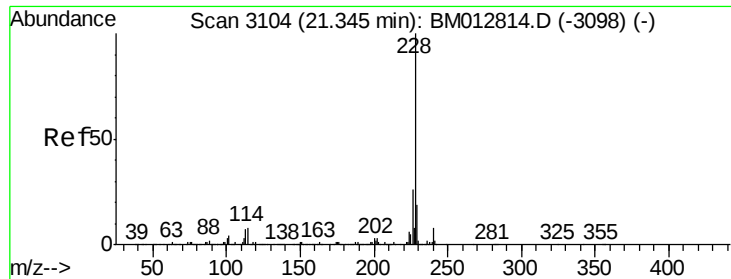
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#79
 Pyrene
 Concen: 100.325 ng/ul
 RT: 19.61 min Scan# 2809
 Delta R.T. 0.01 min
 Lab File: BM012815.D
 Acq: 08 Nov 2017 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3034907		
101	9.6		10.2	15.2#
100	8.1		8.5	12.7#





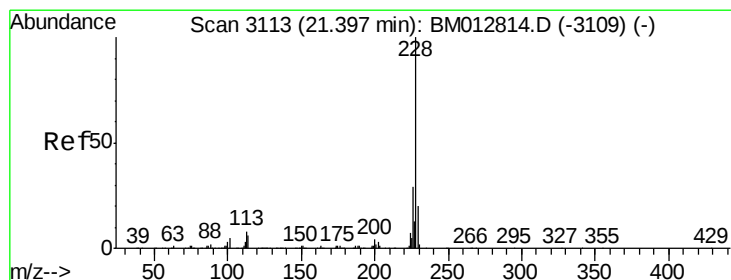
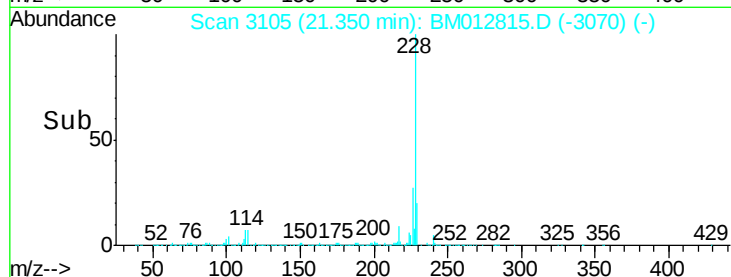
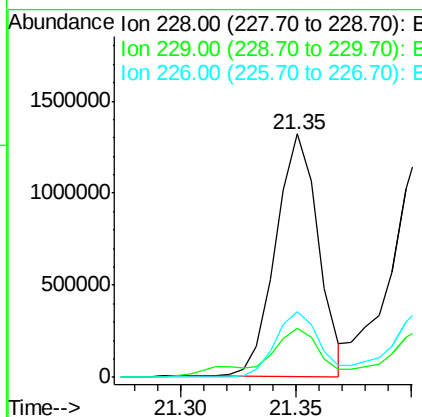
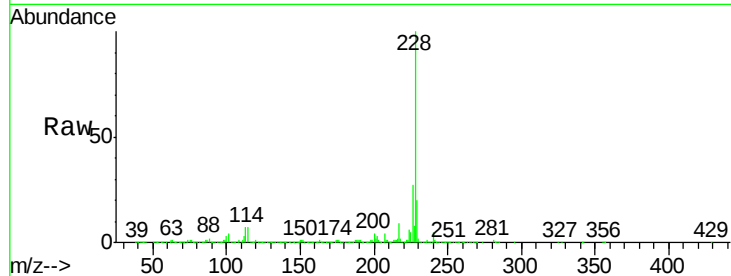
#82
Benzo(a)anthracene
Concen: 55.124 ng/ul
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM012815.D
Acq: 08 Nov 2017 11:34

Instrument :
BNA_M
ClientSampleId :
ETOD1

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.1	21.8	32.6

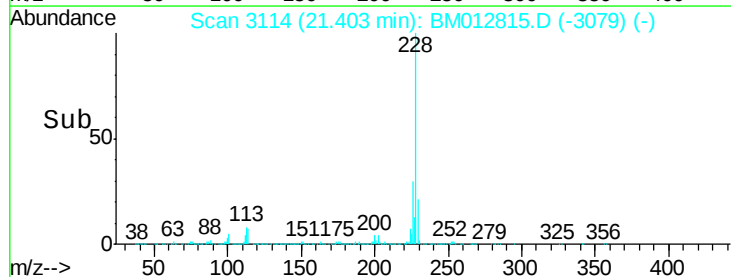
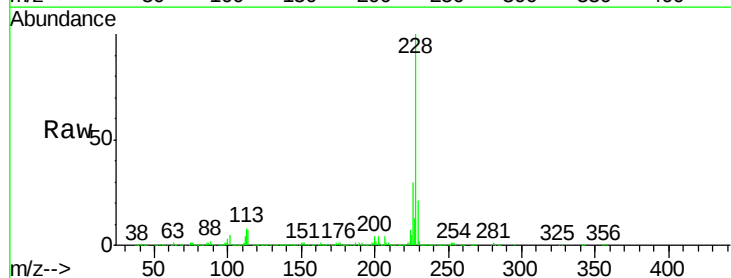
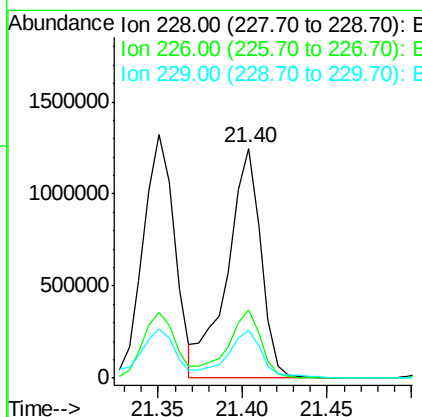
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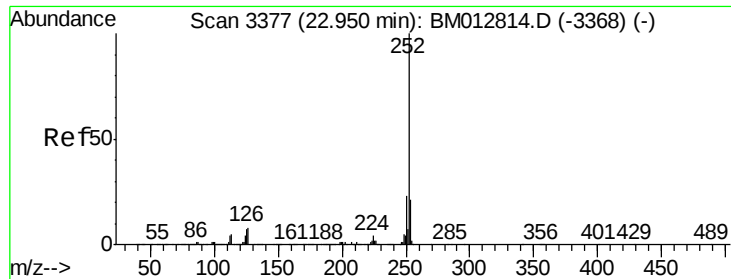
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#84
Chrysene
Concen: 61.736 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM012815.D
Acq: 08 Nov 2017 11:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.1	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 74.812 ng/ul

RT: 22.97 min Scan# 3380

Delta R.T. 0.02 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Instrument :

BNA_M

ClientSampled :

ETOD1

Tgt Ion:252 Resp: 2602088

Ion Ratio Lower Upper

252 100

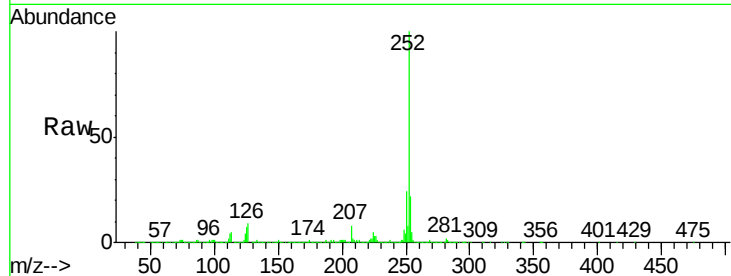
253 22.1 17.5 26.3

125 7.3 8.5 12.7#

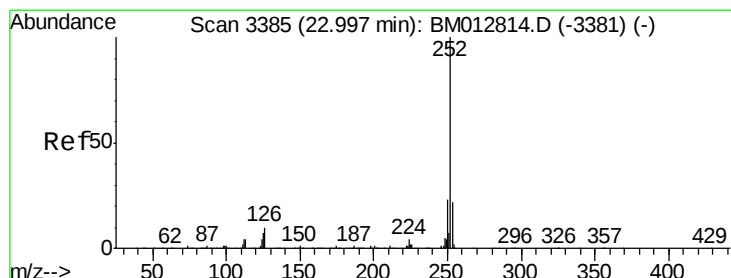
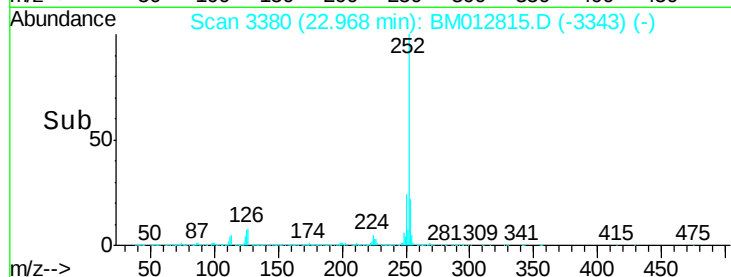
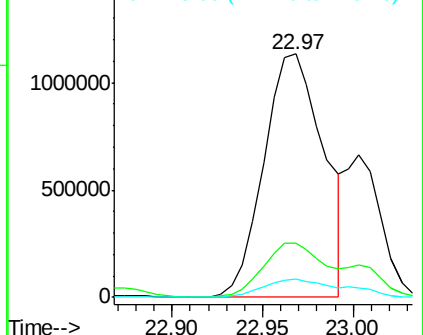
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 26.460 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.01 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

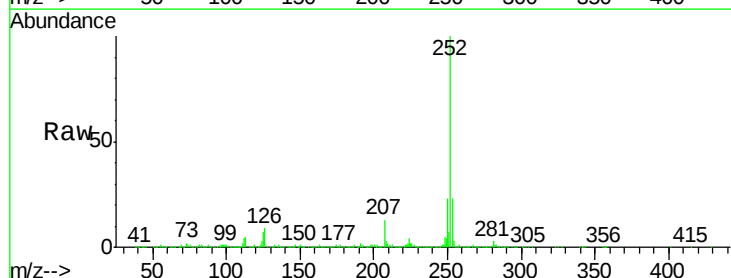
Tgt Ion:252 Resp: 874791

Ion Ratio Lower Upper

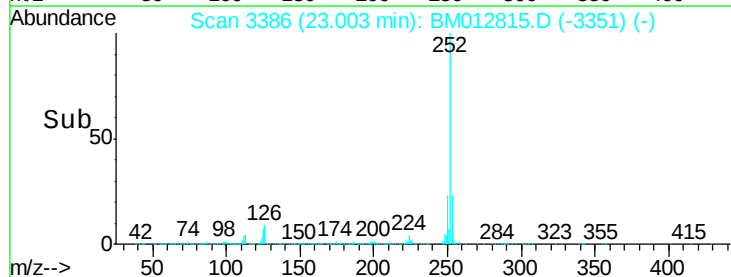
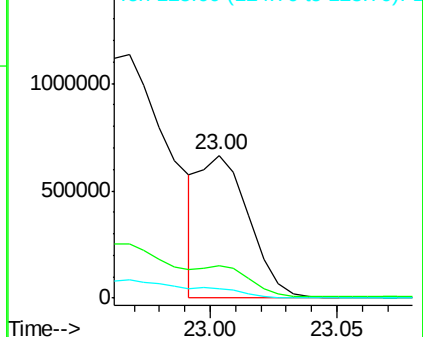
252 100

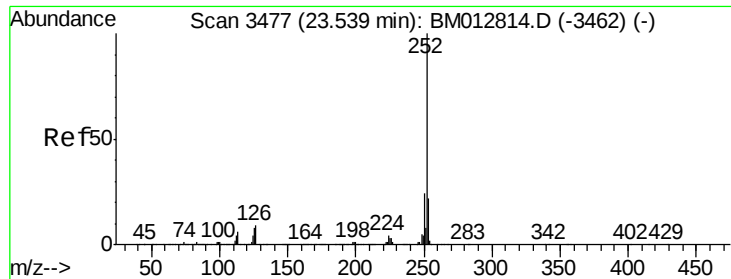
253 23.1 17.3 25.9

125 6.9 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





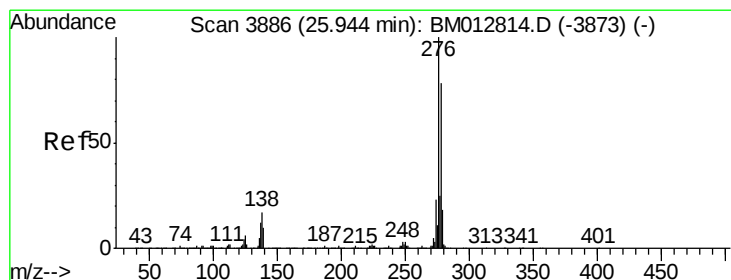
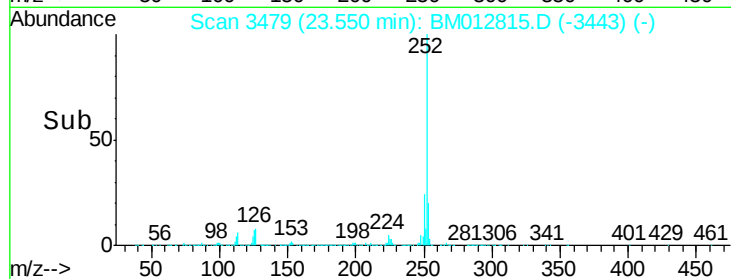
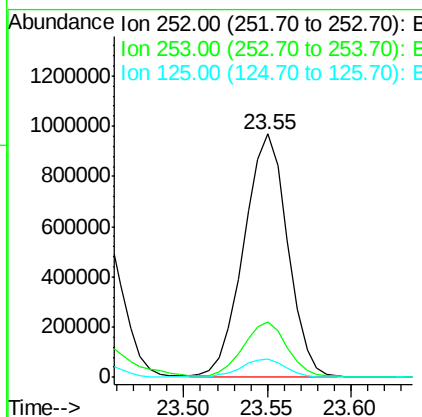
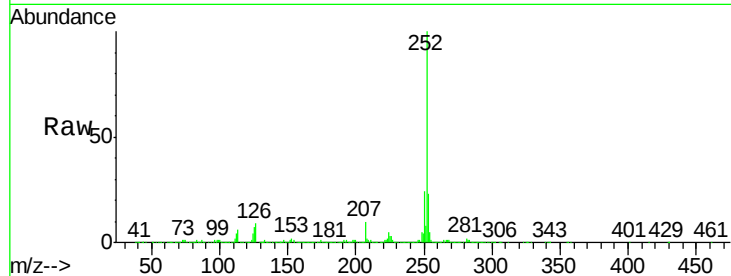
#90
Benzo(a)pyrene
Concen: 53.009 ng/ul m
RT: 23.55 min Scan# 3479
Delta R.T. 0.01 min
Lab File: BM012815.D
Acq: 08 Nov 2017 11:34

Instrument :
BNA_M
ClientSampleId :
ETOD1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	7.4	9.0	13.6

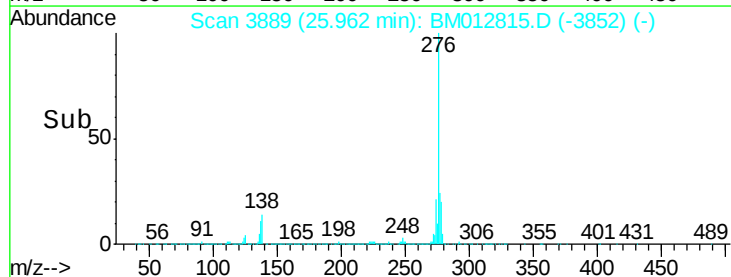
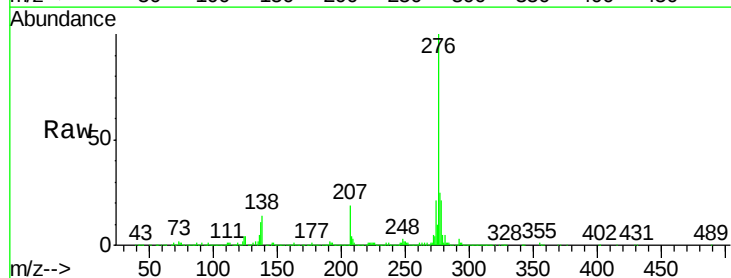
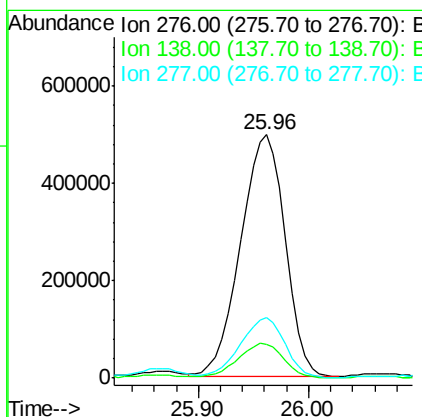
Manual Integrations
APPROVED

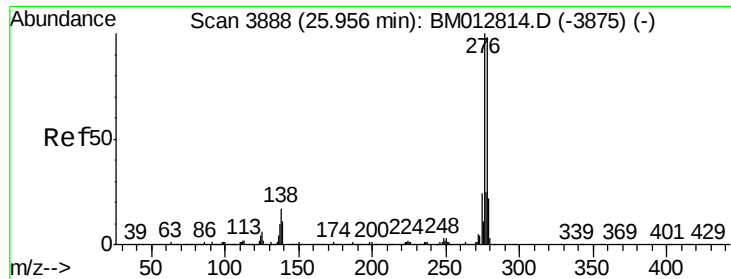
Sohil
11/9/2017 3:48:19 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 35.260 ng/ul
RT: 25.96 min Scan# 3889
Delta R.T. 0.02 min
Lab File: BM012815.D
Acq: 08 Nov 2017 11:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.1	22.3	33.5
277	24.7	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 10.515 ng/ul m

RT: 25.96 min Scan# 3888

Delta R.T. 0.00 min

Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Instrument :

BNA_M

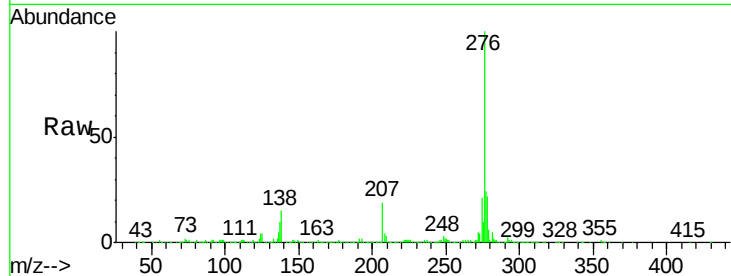
ClientSampled :

ETOD1

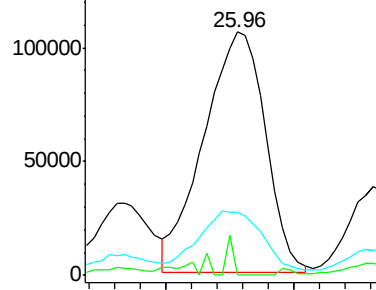
Tgt Ion:	278	Resp:	355047
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	25.8	19.0	28.4

Manual Integrations
APPROVED

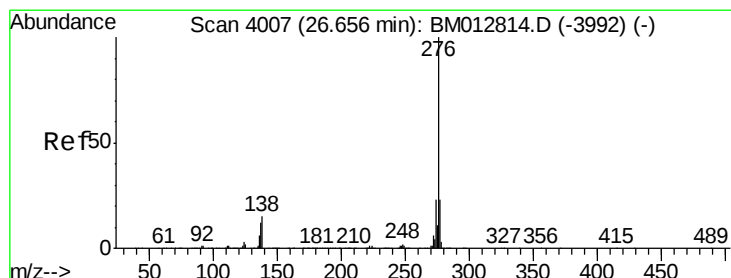
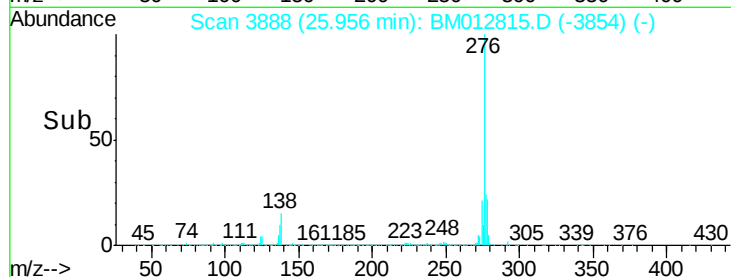
Sohil
11/9/2017 3:48:19 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#93

Benzo(g,h,i)perylene

Concen: 37.086 ng/ul

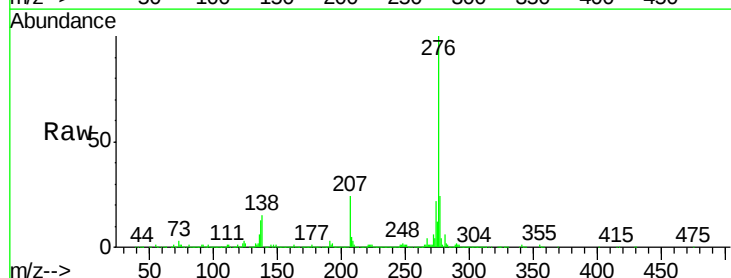
RT: 26.67 min Scan# 4010

Delta R.T. 0.02 min

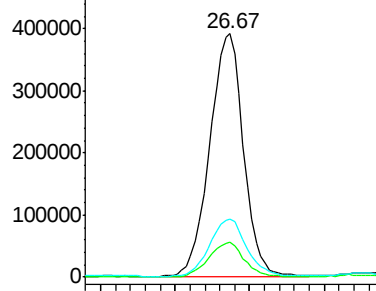
Lab File: BM012815.D

Acq: 08 Nov 2017 11:34

Tgt Ion:	276	Resp:	1218944
Ion Ratio	Lower	Upper	
276	100		
138	14.5	18.9	28.3#
277	24.1	19.2	28.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

