

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013476.D
 Acq On : 16 Dec 2017 13:34
 Operator : SJ/JU
 Sample : I6779-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A94

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:10:45 PM

Quant Time: Dec 18 03:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	330639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1456055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	823957	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1652769	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1117266	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1022125	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	35486	5.32	ng/uL	0.00
5) Phenol-d5	6.86	99	1002697	35.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	580372	35.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	824992	36.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	863408	35.33	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	426969	36.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	479843	38.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	877151	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	900439	38.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	2586993	35.28	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	3330370	36.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	362062	28.42	ng/ul	0.00
57) Fluorene-d10	15.32	176	2137272	33.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	219656	21.13	ng/ul	0.00
70) Anthracene-d10	17.17	188	2972645	35.91	ng/ul	0.00
76) Pyrene-d10	19.47	212	2637659	47.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1826888	35.09	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.88	94	116800	4.130	ng/ul#	84
44) Dimethylphthalate	13.78	163	469048	6.688	ng/ul	99
47) Acenaphthylene	14.04	152	314454	3.755	ng/ul	96
71) Anthracene	17.20	178	219637	2.288	ng/ul	99
74) Fluoranthene	19.13	202	730248	6.346	ng/ul#	92
77) Pyrene	19.50	202	1098434	16.183	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	491100m	6.928	ng/ul	
82) Chrysene	21.30	228	535489	8.142	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	1151052	16.705	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	333721m	5.147	ng/ul	
88) Benzo(a)pyrene	23.39	252	758637	12.257	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	614336	10.003	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	163889	3.134	ng/ul#	89
91) Benzo(g,h,i)perylene	26.40	276	541050	11.169	ng/ul#	96

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

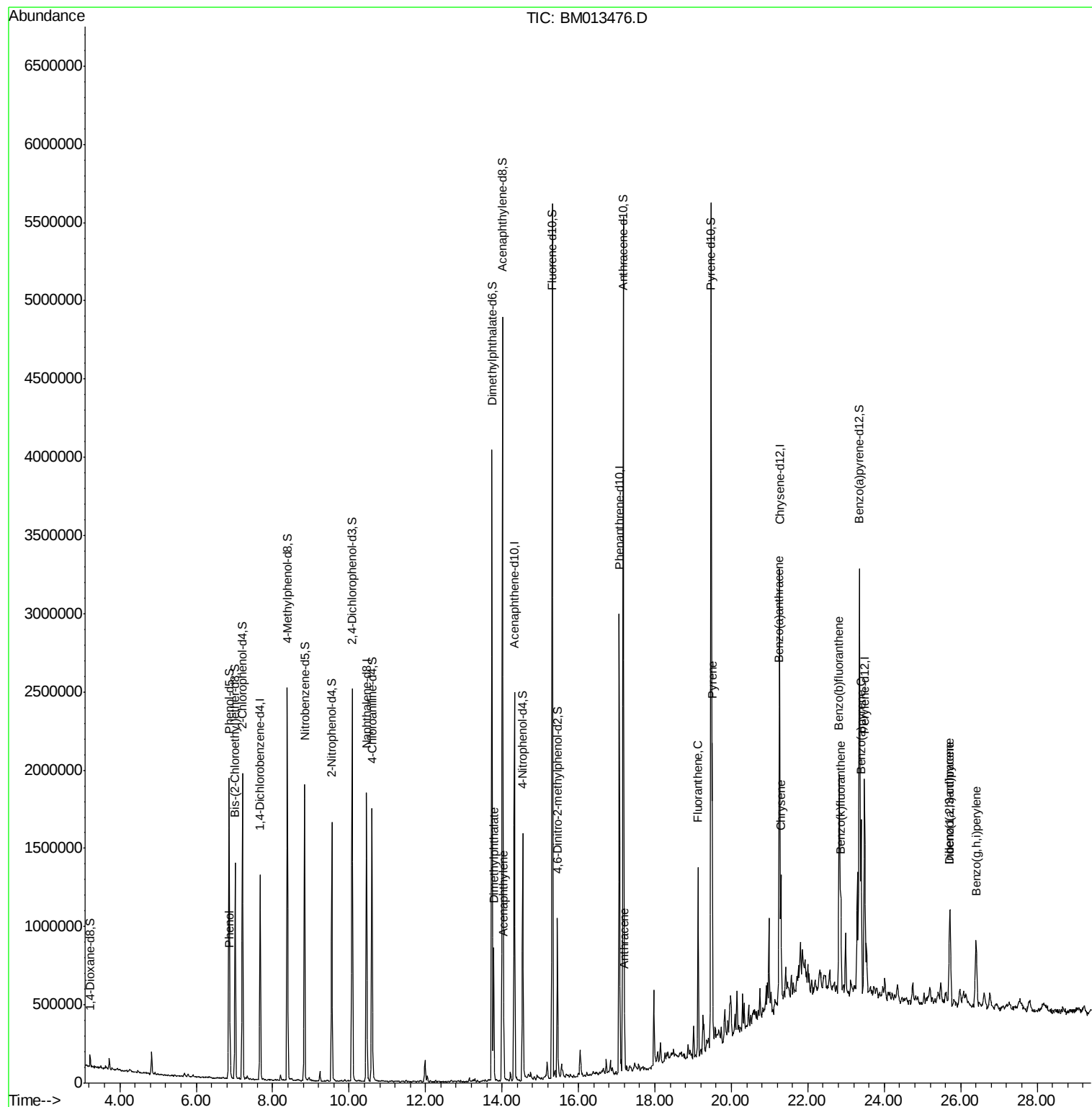
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013476.D
Acq On : 16 Dec 2017 13:34
Operator : SJ/JU
Sample : I6779-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

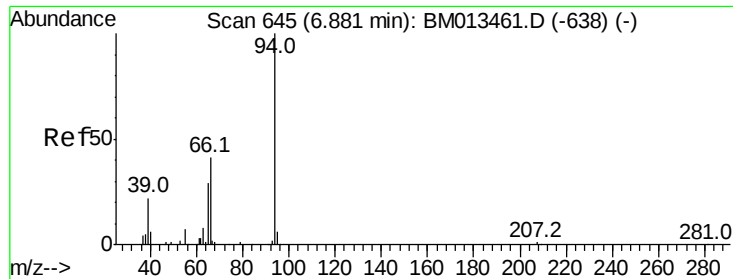
Instrument :
BNA_M
ClientSampleId :
F9A94

Manual Integrations
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12/18/2017 2:10:45 PM

Quant Time: Dec 18 03:05:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.130 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013476.D

Acq: 16 Dec 2017 13:34

Instrument :

BNA_M

ClientSampled :

F9A94

Tot Ion: 94 Resp: 116800

Ion Ratio Lower Upper

94 100

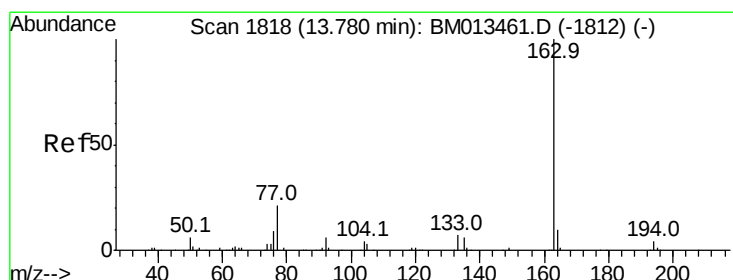
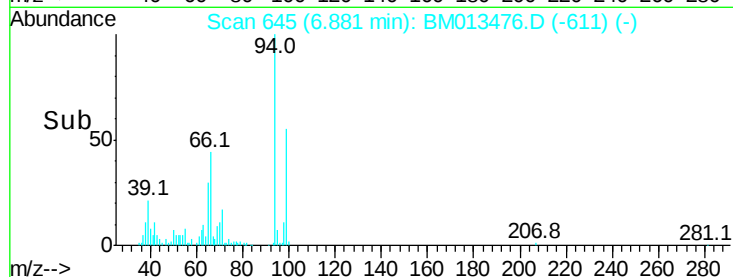
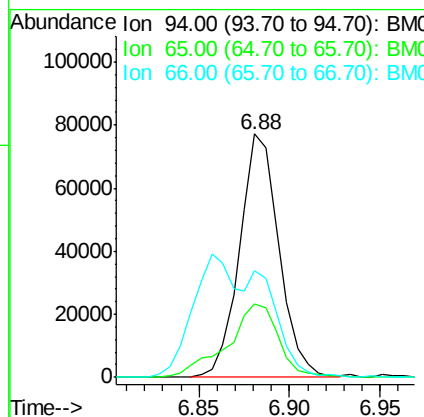
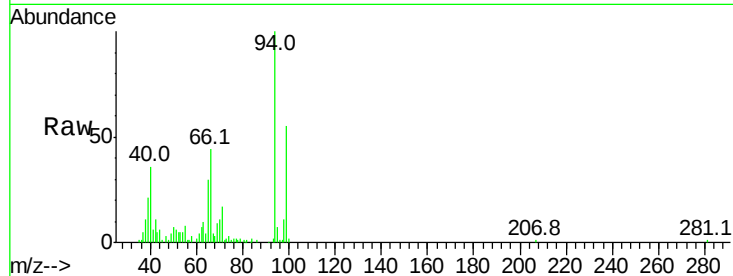
65 30.3 28.2 42.4

66 43.7 47.2 70.8#

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#44

Dimethylphthalate

Concen: 6.688 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013476.D

Acq: 16 Dec 2017 13:34

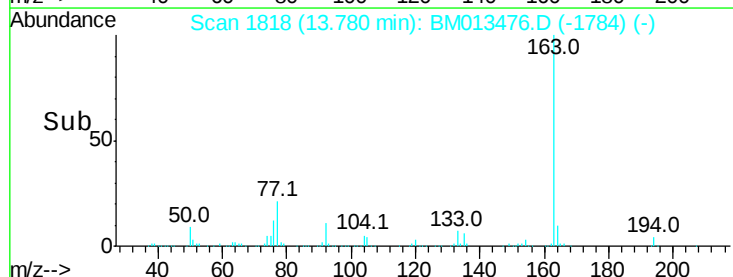
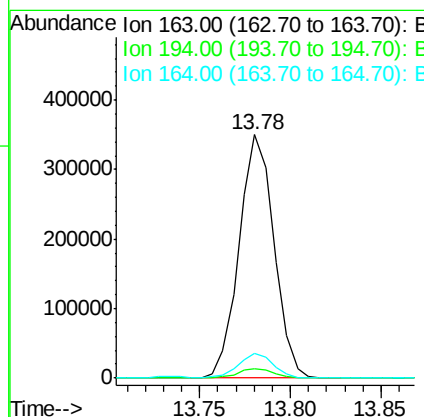
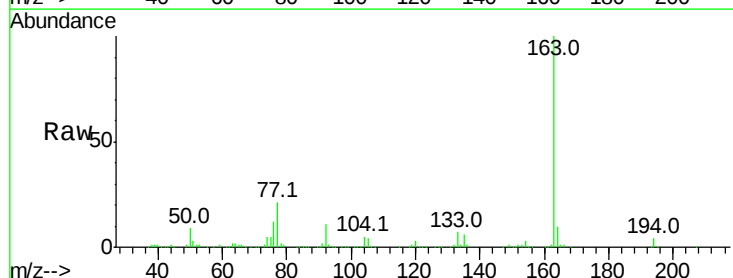
Tgt Ion: 163 Resp: 469048

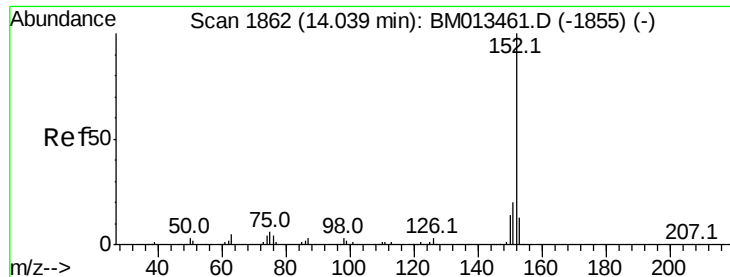
Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

164 10.1 8.2 12.4





#47

Acenaphthylene

Concen: 3.755 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM013476.D

Acq: 16 Dec 2017 13:34

Instrument :

BNA_M

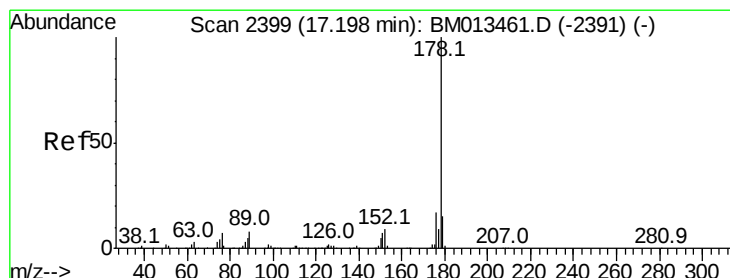
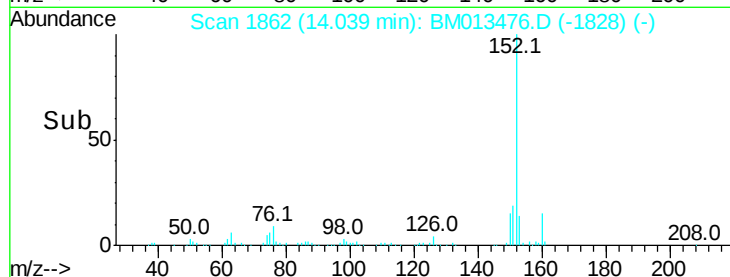
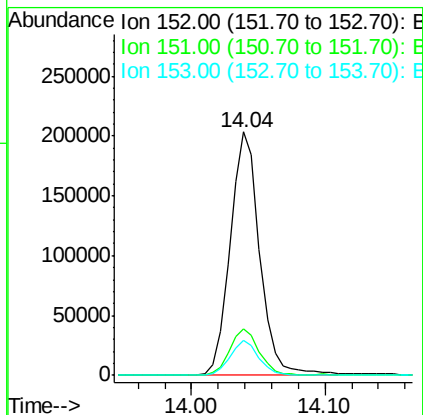
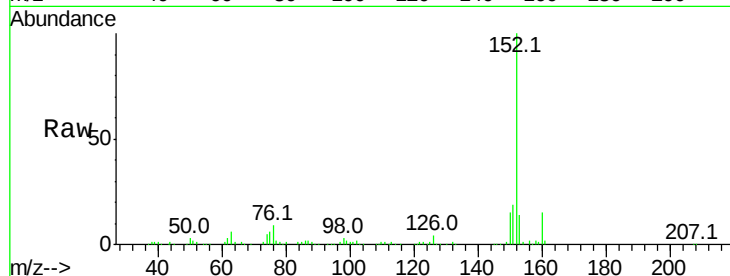
ClientSampled :

F9A94

Tot Ion:	152	Resp:	314454
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.3	24.5
153	14.5	10.2	15.4

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#71

Anthracene

Concen: 2.288 ng/ul

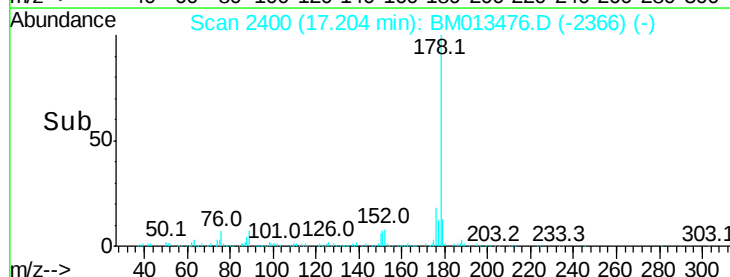
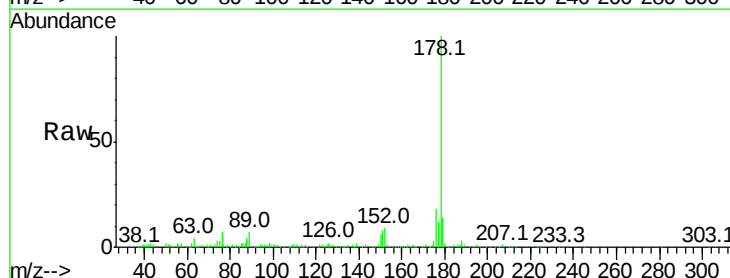
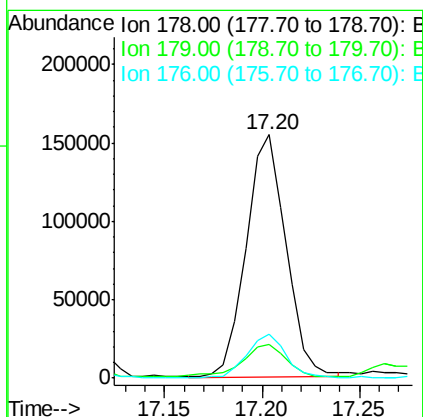
RT: 17.20 min Scan# 2400

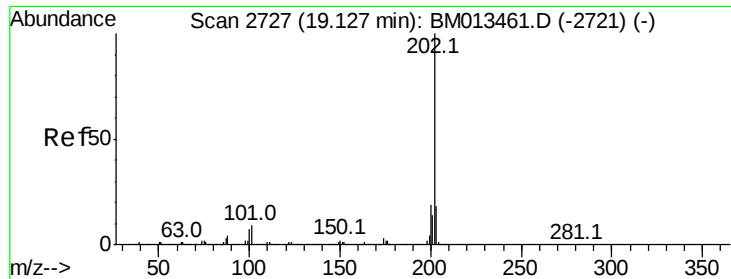
Delta R.T. -0.00 min

Lab File: BM013476.D

Acq: 16 Dec 2017 13:34

Tgt Ion:	178	Resp:	219637
Ion Ratio	Lower	Upper	
178	100		
179	13.7	11.7	17.5
176	18.0	14.6	21.8





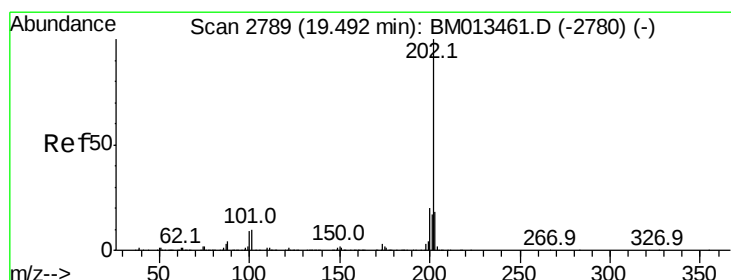
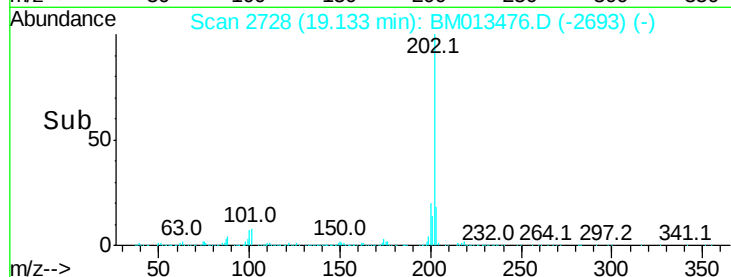
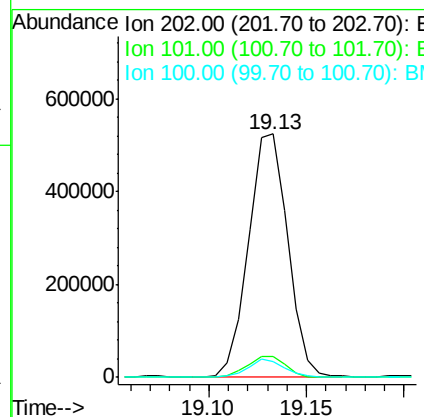
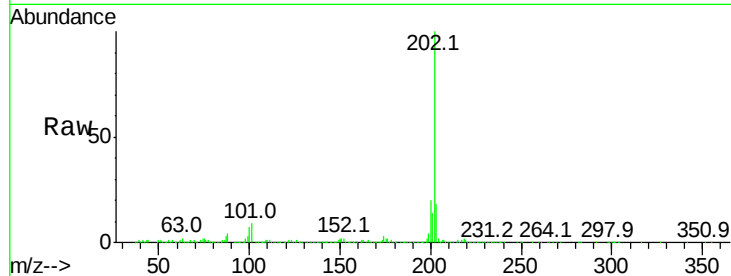
#74
Fluoranthene
 Concen: 6.346 ng/ul
 RT: 19.13 min Scan# 2728
 Delta R.T. 0.01 min
 Lab File: BM013476.D
 Acq: 16 Dec 2017 13:34

Instrument :
 BNA_M
 ClientSampleId :
 F9A94

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.7	3.4	5.2#

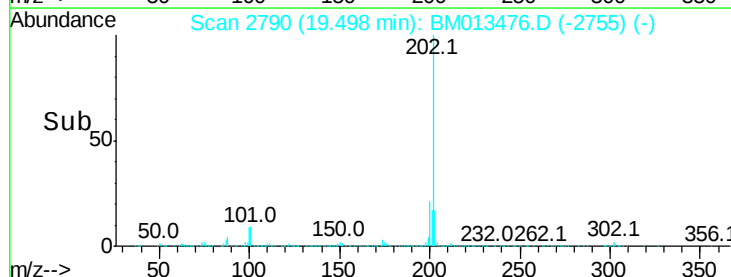
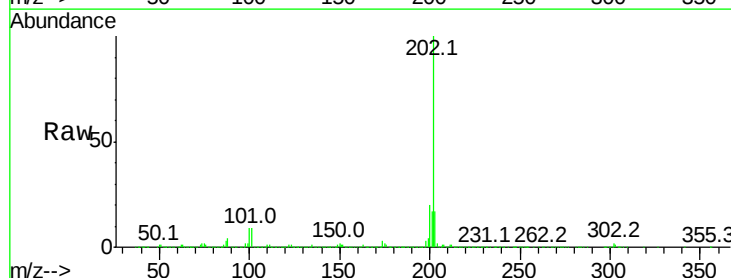
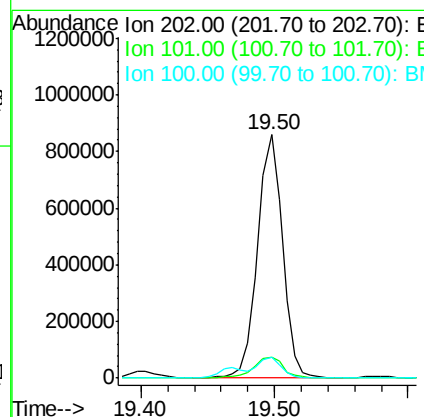
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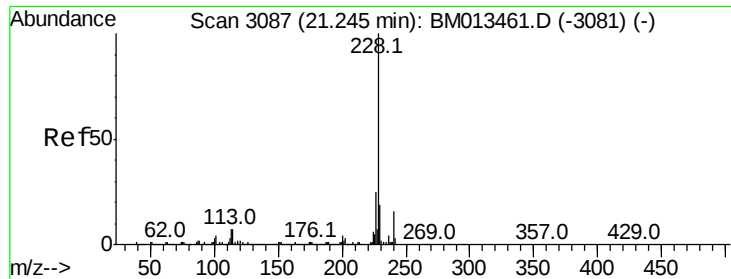
Sohil
 12/18/2017 2:10:45 PM



#77
Pyrene
 Concen: 16.183 ng/ul
 RT: 19.50 min Scan# 2790
 Delta R.T. 0.01 min
 Lab File: BM013476.D
 Acq: 16 Dec 2017 13:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	8.8	4.9	7.3#





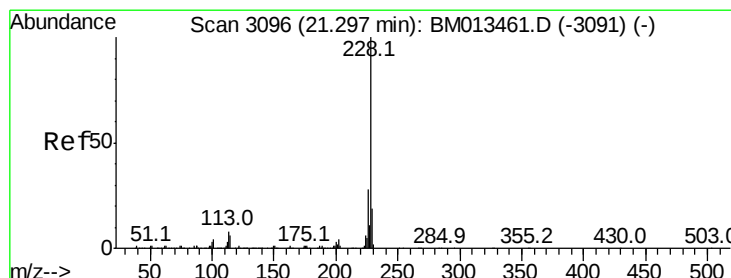
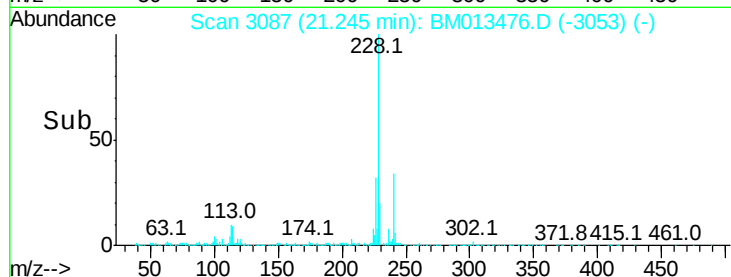
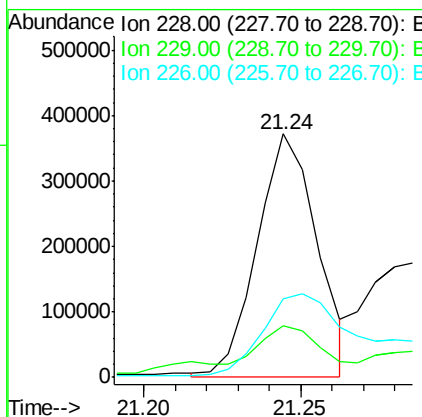
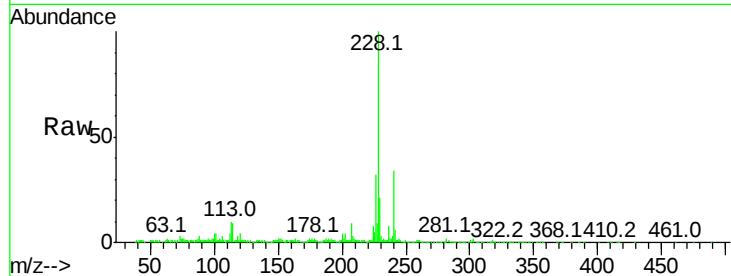
#80
Benzo(a)anthracene
Concen: 6.928 ng/ul m
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013476.D
Acq: 16 Dec 2017 13:34

Instrument :
BNA_M
ClientSampled :
F9A94

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	32.1	21.4	32.0

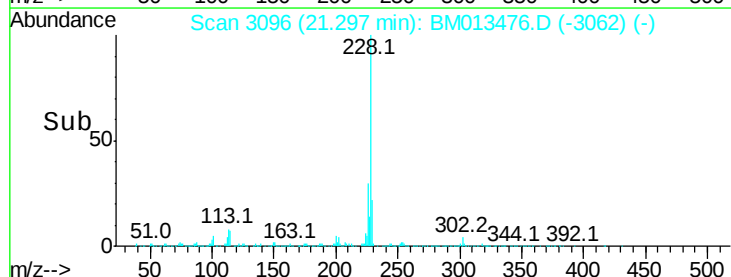
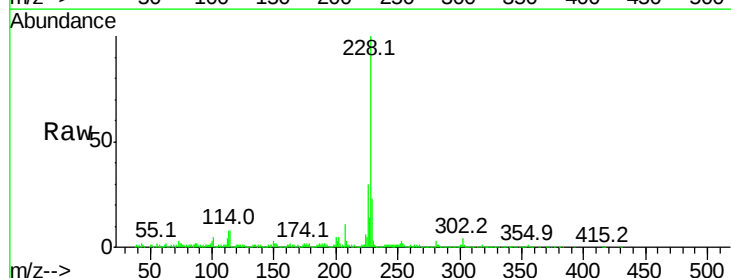
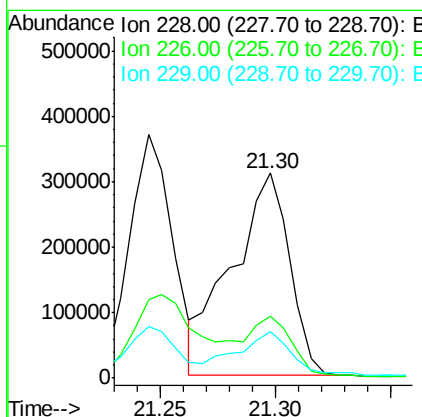
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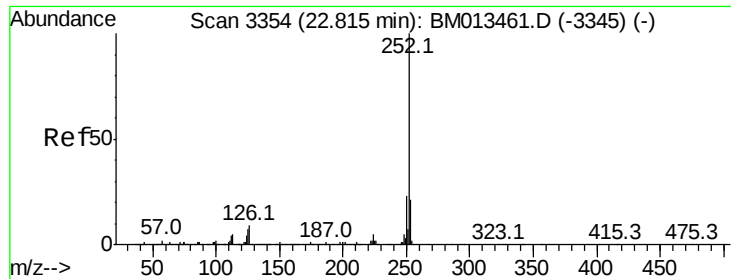
Sohil
12/18/2017 2:10:45 PM



#82
Chrysene
Concen: 8.142 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013476.D
Acq: 16 Dec 2017 13:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.5	15.5	23.3





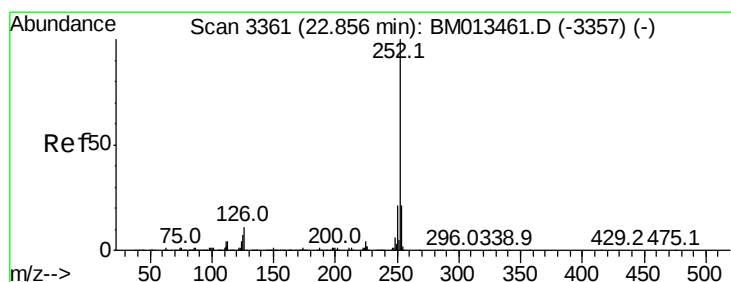
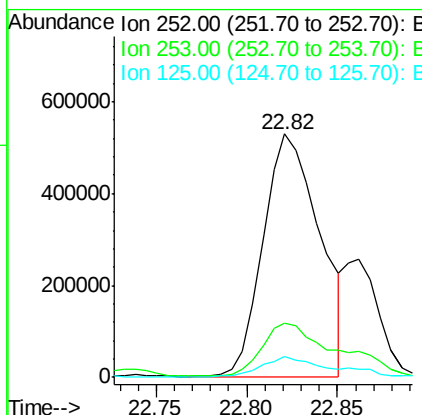
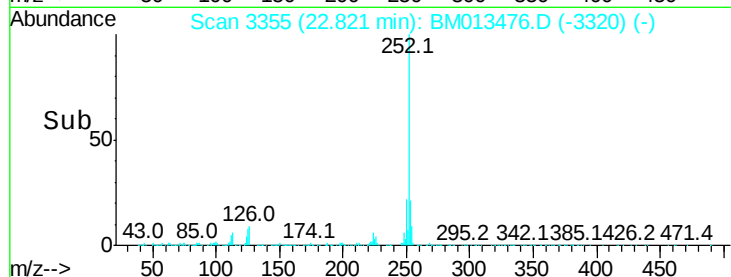
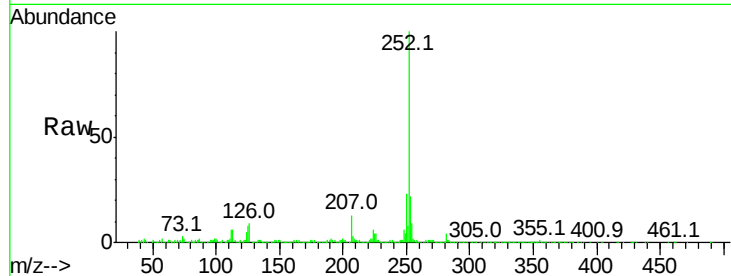
#85
Benzo(b)fluoranthene
Concen: 16.705 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013476.D
Acq: 16 Dec 2017 13:34

Instrument :
BNA_M
ClientSampleId :
F9A94

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.5	3.6	5.4

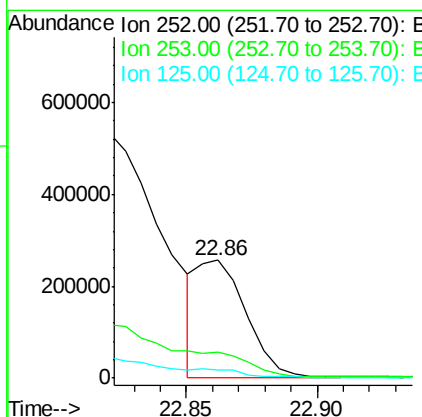
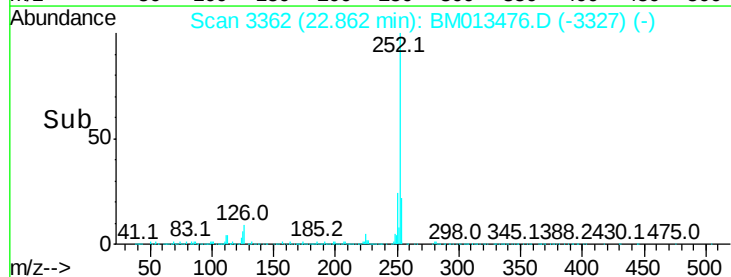
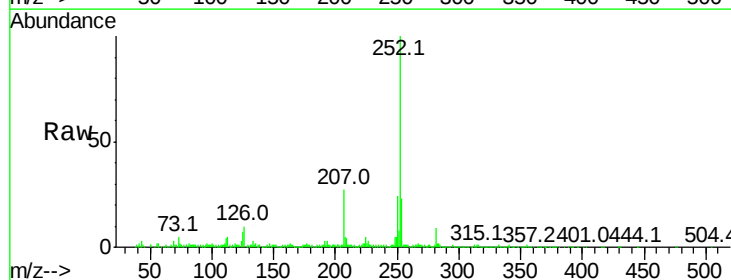
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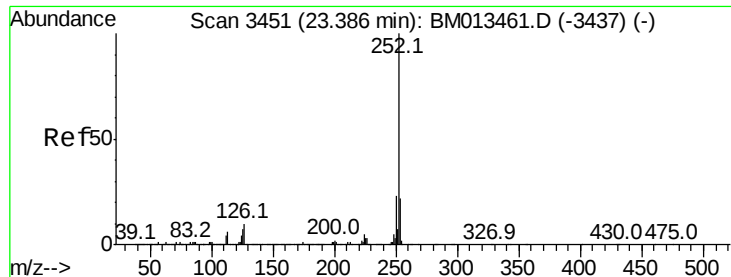
Sohil
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#86
Benzo(k)fluoranthene
Concen: 5.147 ng/ul m
RT: 22.86 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM013476.D
Acq: 16 Dec 2017 13:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 12.257 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM013476.D

Acq: 16 Dec 2017 13:34

Instrument :

BNA_M

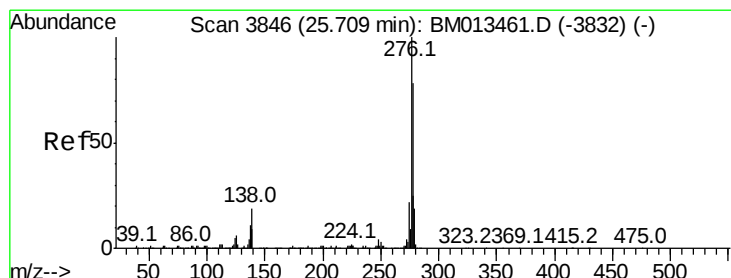
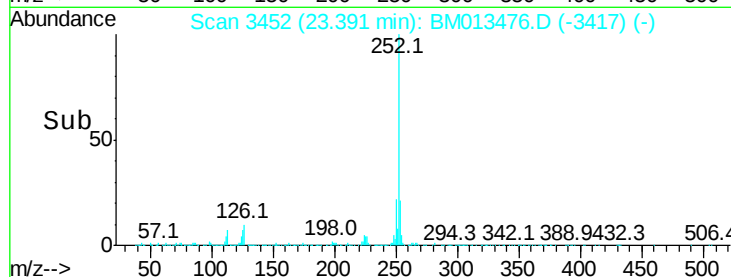
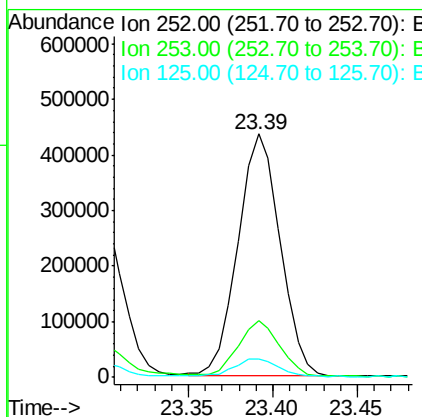
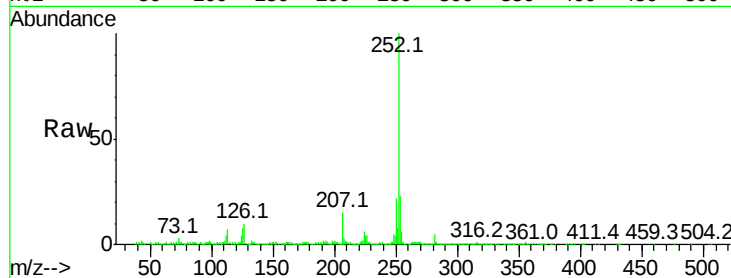
ClientSampled :

F9A94

Tot Ion:	252	Resp:	758637
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.2
125	7.7	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 10.003 ng/ul

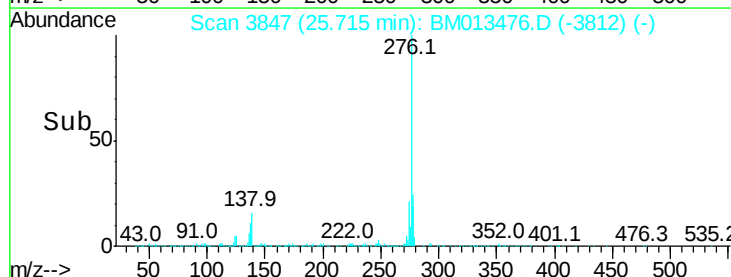
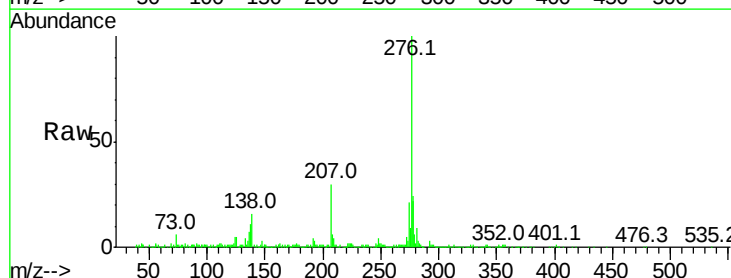
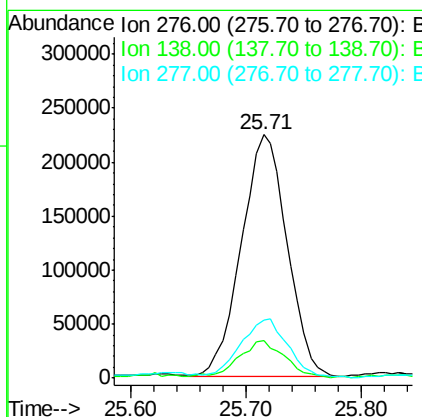
RT: 25.71 min Scan# 3847

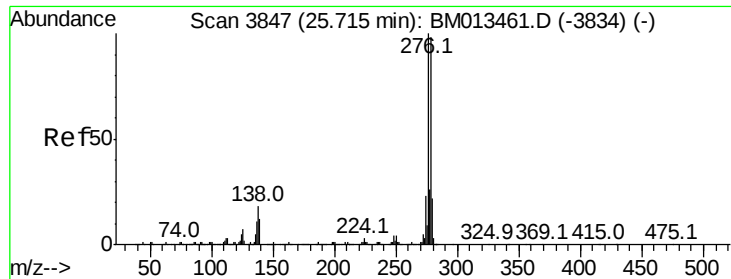
Delta R.T. 0.01 min

Lab File: BM013476.D

Acq: 16 Dec 2017 13:34

Tgt Ion:	276	Resp:	614336
Ion Ratio	Lower	Upper	
276	100		
138	15.6	9.3	13.9#
277	24.0	19.9	29.9





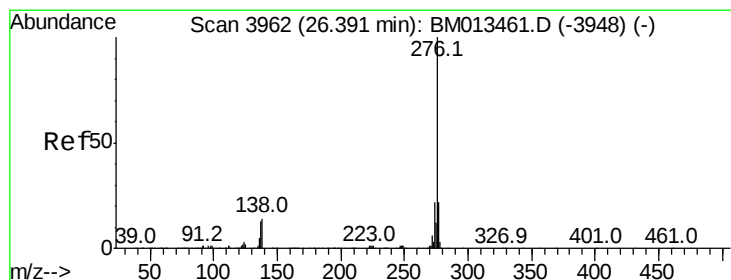
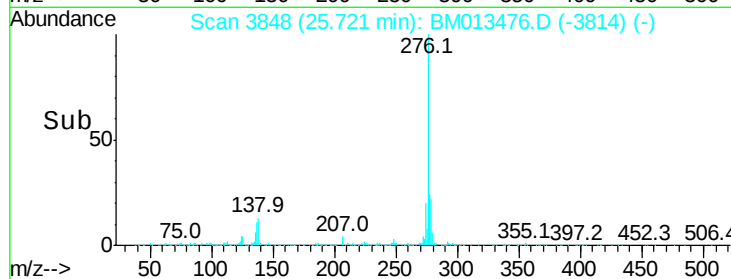
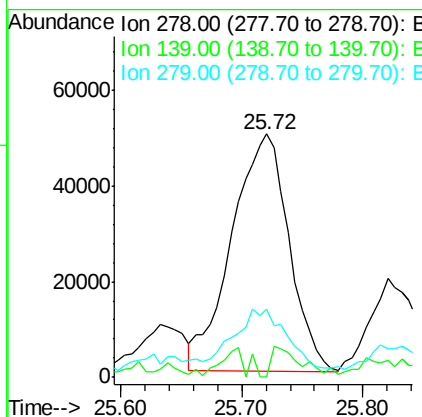
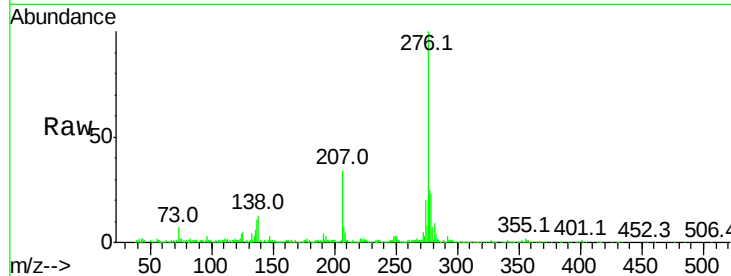
#90
Dibenzo(a,h)anthracene
Concen: 3.134 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BM013476.D
Acq: 16 Dec 2017 13:34

Instrument :
BNA_M
ClientSampled :
F9A94

Tot Ion	Ratio	Lower	Upper
278	100		
139	3.4	5.8	8.8#
279	28.2	18.6	27.8#

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:45 PM



#91
Benzo(g,h,i)perylene
Concen: 11.169 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. 0.01 min
Lab File: BM013476.D
Acq: 16 Dec 2017 13:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	8.5	12.7#
277	22.7	18.6	28.0

