

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013475.D
 Acq On : 16 Dec 2017 12:58
 Operator : SJ/JU
 Sample : I6799-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0298

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:10:47 PM

Quant Time: Dec 19 12:49:37 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	319270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1382541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	786851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1648626	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1156851	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1004213	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	28783	4.47	ng/uL	0.00
5) Phenol-d5	6.86	99	732664	26.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	436096	27.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	616467	28.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	605065	25.64	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	316150	28.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	346163	29.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	635139	26.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	632370	28.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1918883	27.40	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2487584	28.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	234053	19.24	ng/ul	0.00
57) Fluorene-d10	15.32	176	1636718	27.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	74807	7.21	ng/ul	0.00
70) Anthracene-d10	17.17	188	2289258	27.73	ng/ul	0.00
76) Pyrene-d10	19.47	212	2179205	37.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1443329	28.22	ng/ul	0.01
Target Compounds				Ovalue		
6) Phenol	6.88	94	84574	3.097	ng/ul#	85
44) Dimethylphthalate	13.78	163	500737	7.477	ng/ul	99
69) Phenanthrene	17.11	178	2634256	28.125	ng/ul	99
71) Anthracene	17.20	178	243706	2.546	ng/ul	98
72) Carbazole	17.47	167	328880	3.994	ng/ul	97
74) Fluoranthene	19.14	202	7304055	63.635	ng/ul#	91
77) Pyrene	19.50	202	5406440	76.925	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	1869033	25.464	ng/ul	99
82) Chrysene	21.30	228	2378246	34.925	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	2801607	41.385	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	1021356m	16.032	ng/ul	
88) Benzo(a)pyrene	23.40	252	1710222	28.124	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1325084	21.961	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	297025	5.781	ng/ul#	95
91) Benzo(g,h,i)perylene	26.41	276	1048613	22.033	ng/ul#	93

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

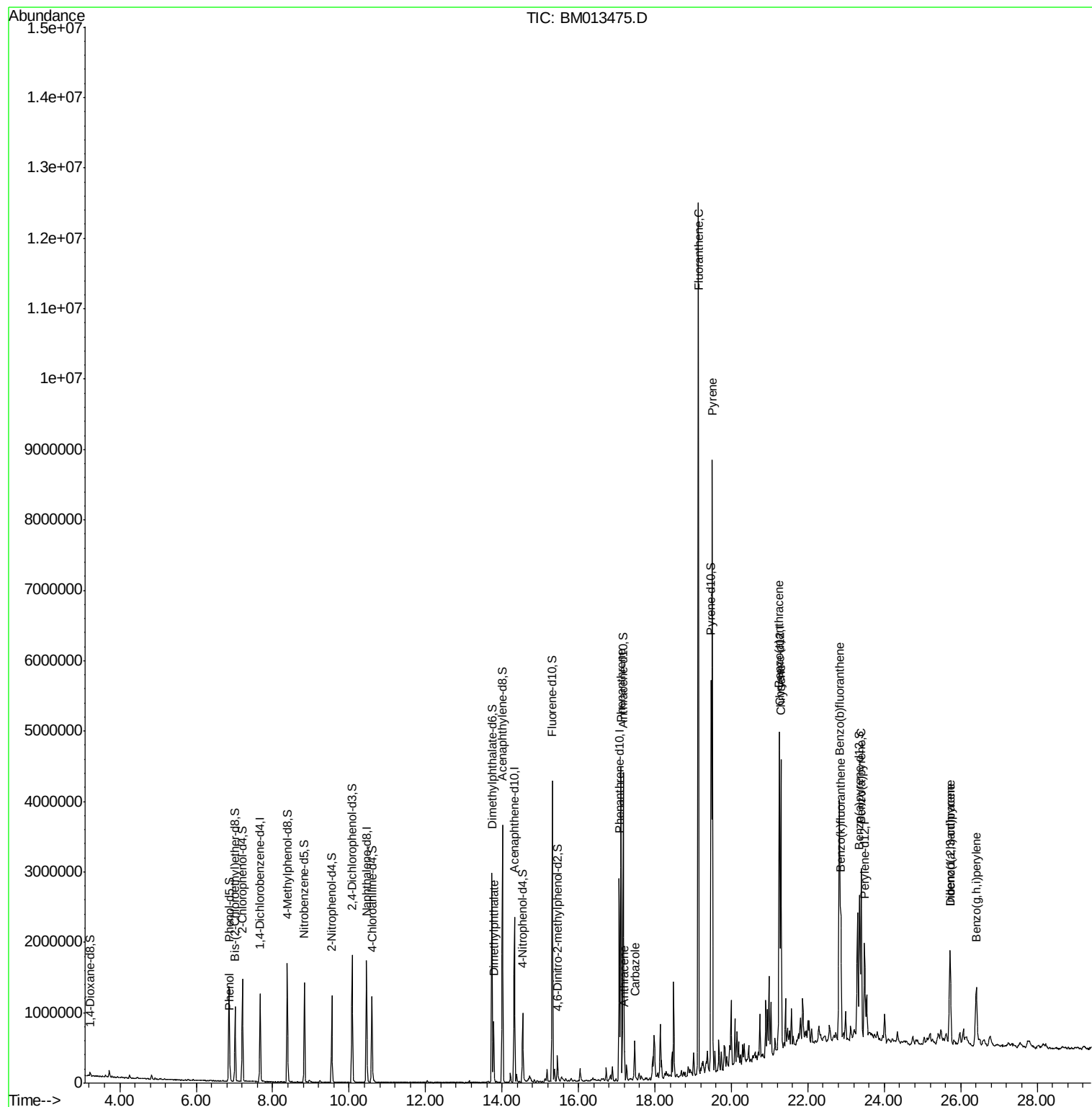
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013475.D
Acq On : 16 Dec 2017 12:58
Operator : SJ/JU
Sample : I6799-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

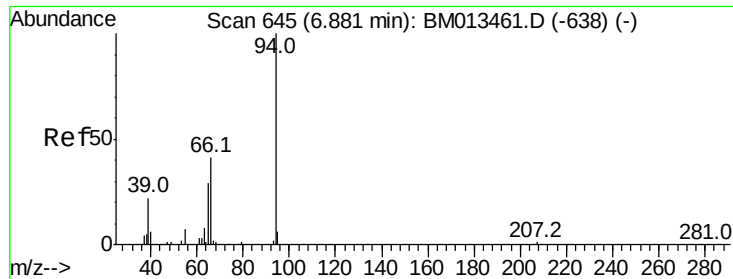
Instrument :
BNA_M
ClientSampleId :
C0298

Manual Integrations
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Sohil
12/18/2017 2:10:47 PM

Quant Time: Dec 19 12:49:37 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: 3.097 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Instrument :

BNA_M

ClientSampled :

C0298

Tot Ion: 94 Resp: 84574

Ion Ratio Lower Upper

94 100

65 28.3 28.2 42.4

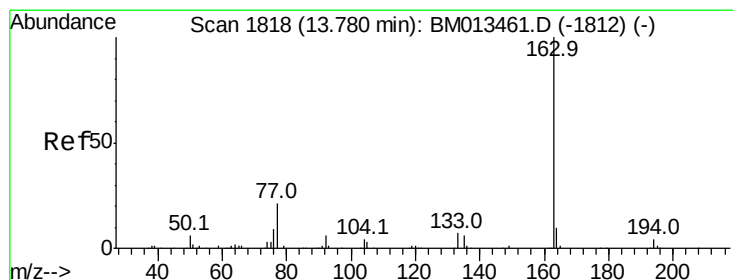
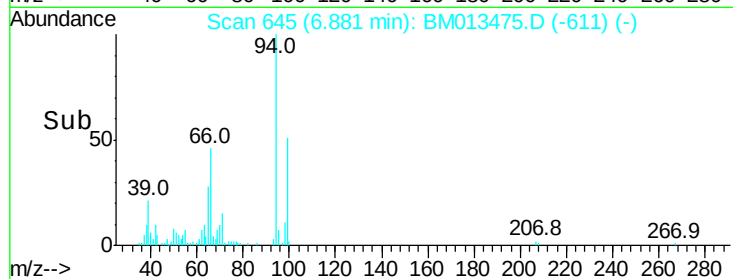
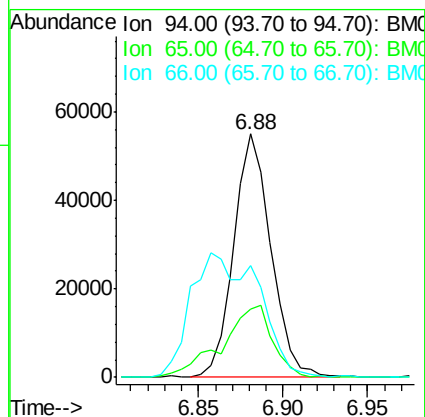
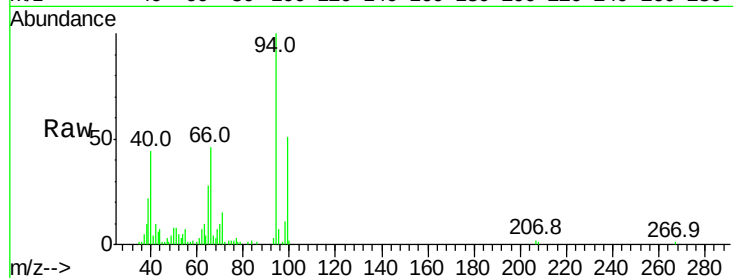
66 46.0 47.2 70.8#

Manual Integrations

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#44

Dimethylphthalate

Concen: 7.477 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

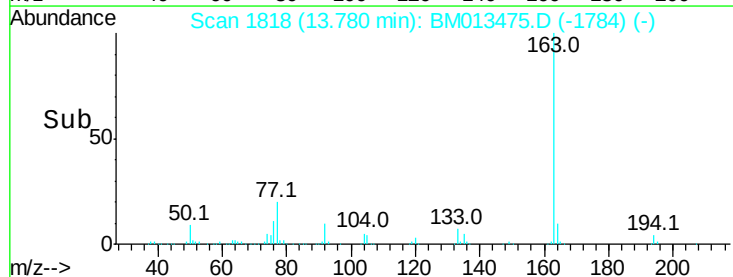
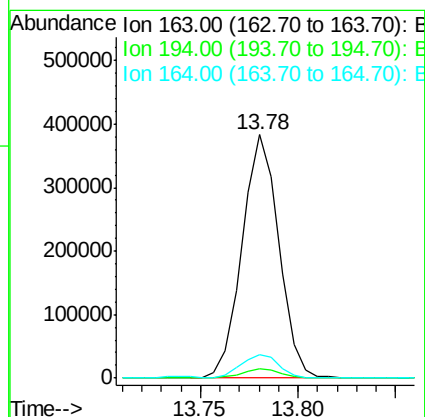
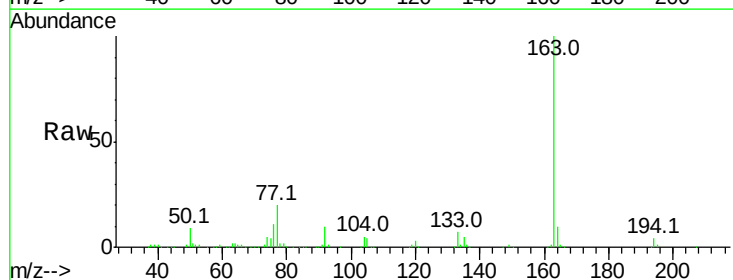
Tgt Ion: 163 Resp: 500737

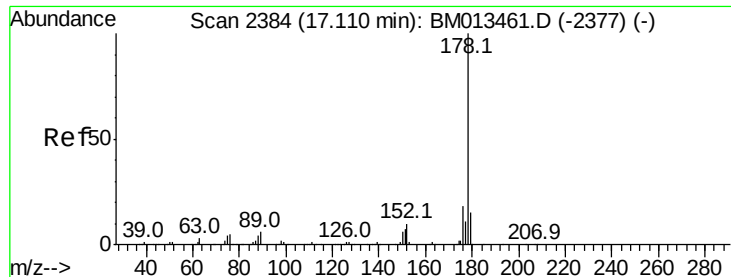
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 9.9 8.2 12.4





#69

Phenanthrene

Concen: 28.125 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Instrument :

BNA_M

ClientSampled :

C0298

Tot Ion:178 Resp: 2634256

Ion Ratio Lower Upper

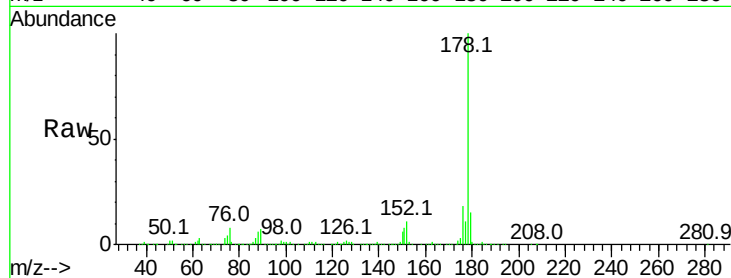
178 100

179 15.1 12.6 19.0

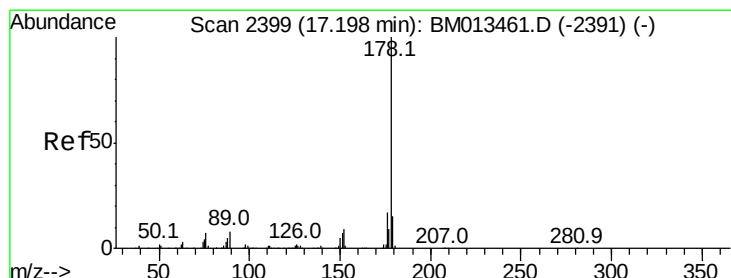
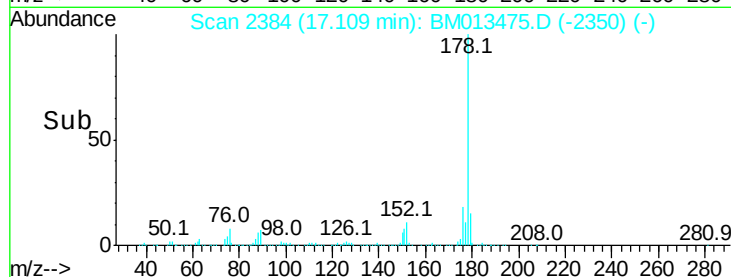
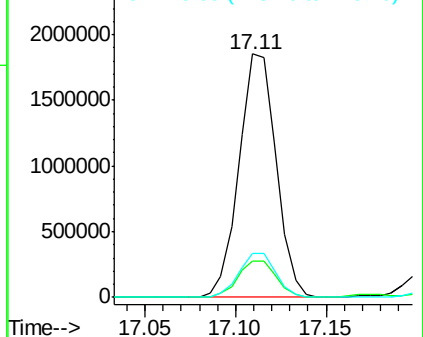
176 18.3 14.9 22.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.546 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

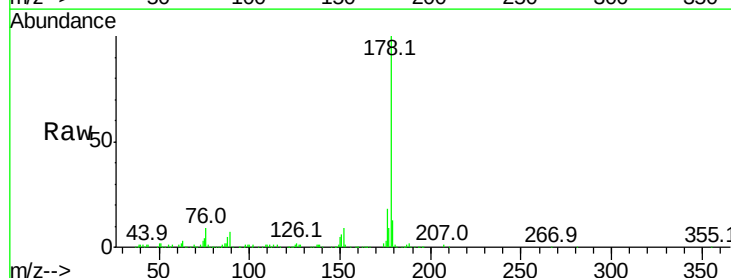
Tgt Ion:178 Resp: 243706

Ion Ratio Lower Upper

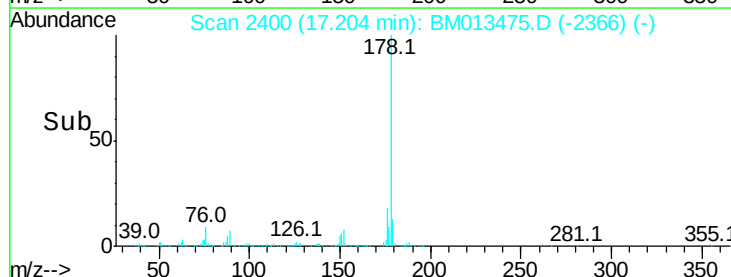
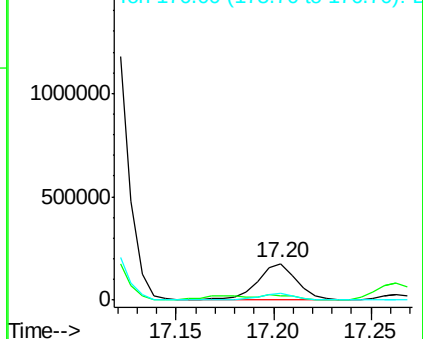
178 100

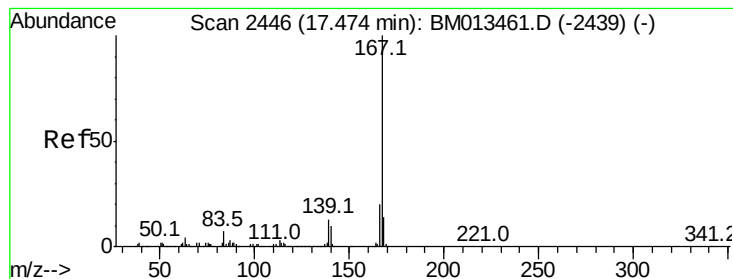
179 13.3 11.7 17.5

176 17.8 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 3.994 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Instrument :

BNA_M

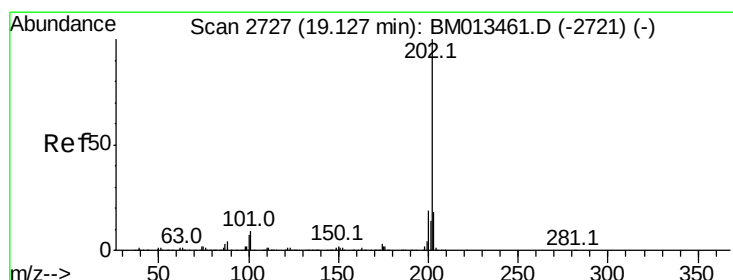
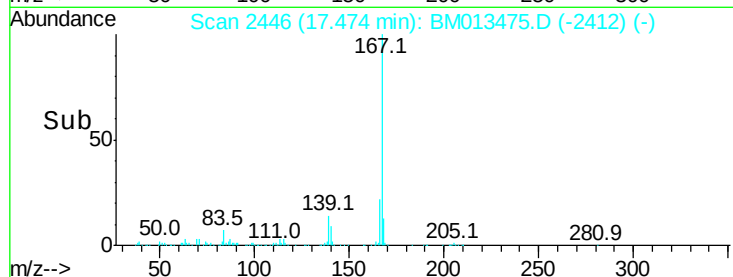
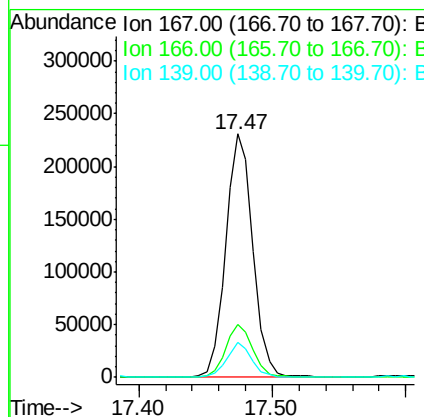
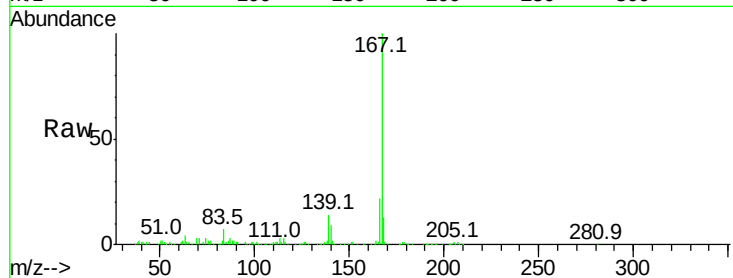
ClientSampleId :

C0298

Tot Ion:	167	Resp:	328880
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.1	25.7
139	14.4	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 63.635 ng/ul

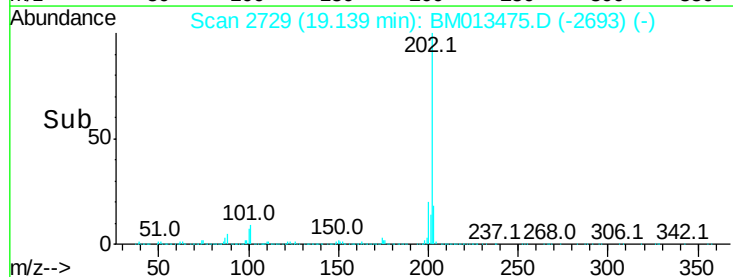
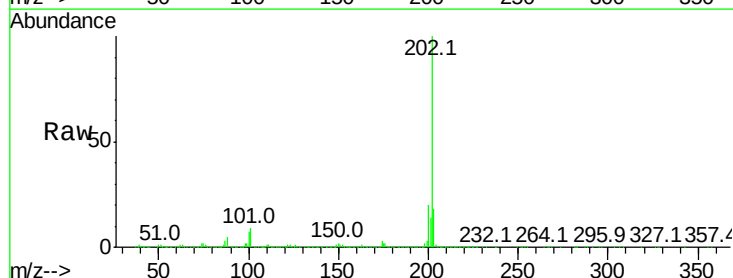
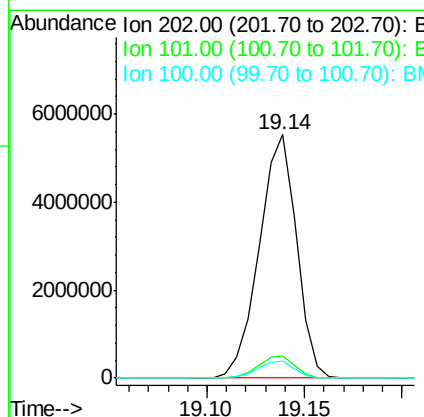
RT: 19.14 min Scan# 2729

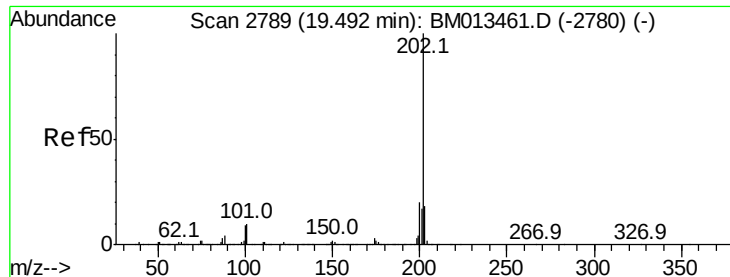
Delta R.T. 0.01 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Tgt Ion:	202	Resp:	7304055
Ion Ratio	Lower	Upper	
202	100		
101	9.1	4.6	7.0#
100	7.1	3.4	5.2#





#77

Pvrene

Concen: 76.925 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. 0.01 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Instrument :

BNA_M

ClientSampleId :

C0298

Tot Ion:202 Resp: 5406440

Ion Ratio Lower Upper

202 100

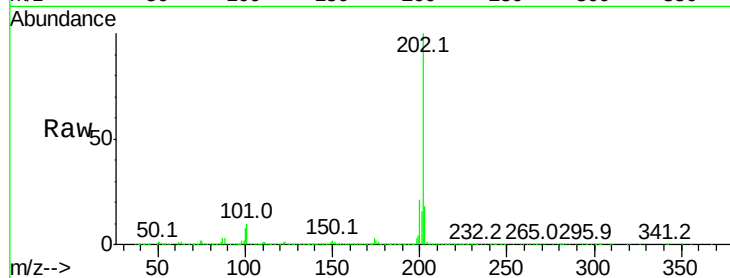
101 9.9 5.1 7.7#

100 8.0 4.9 7.3#

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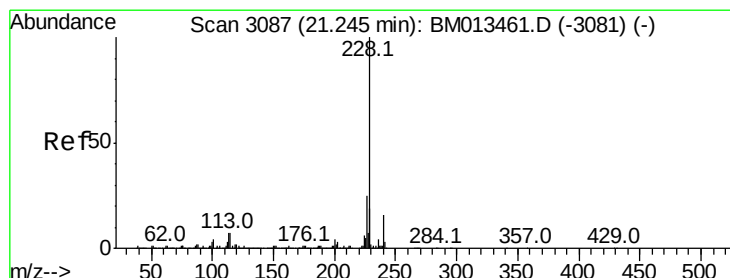
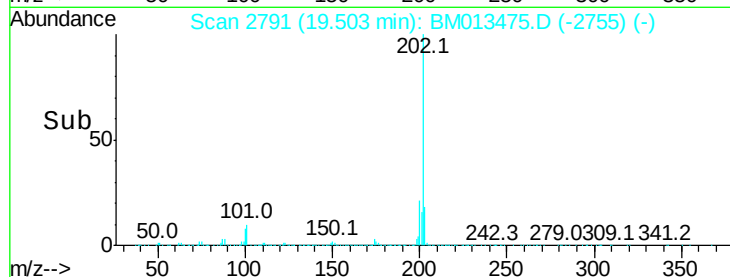
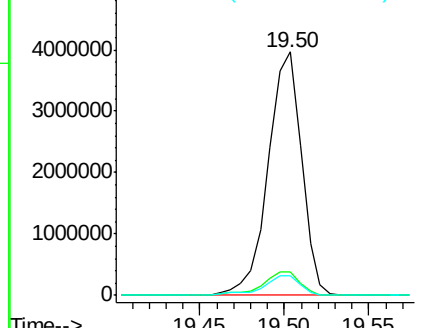
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 25.464 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

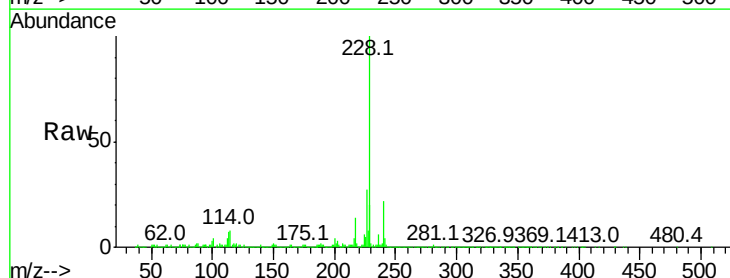
Tgt Ion:228 Resp: 1869033

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

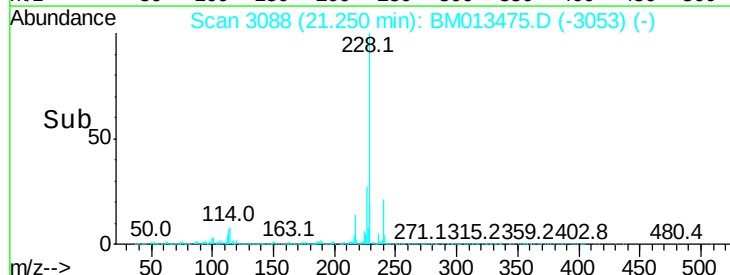
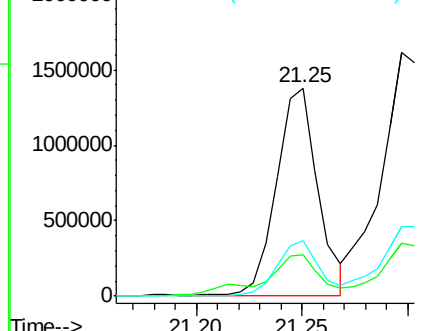
226 26.8 21.4 32.0

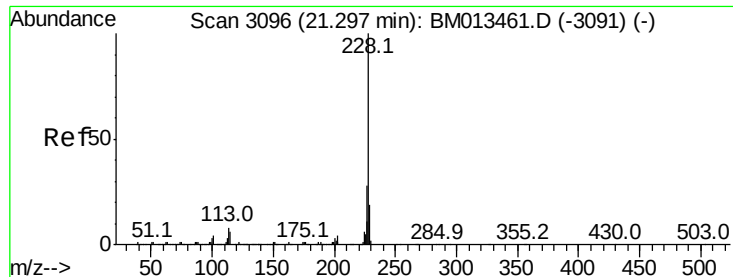


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 34.925 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Instrument :

BNA_M

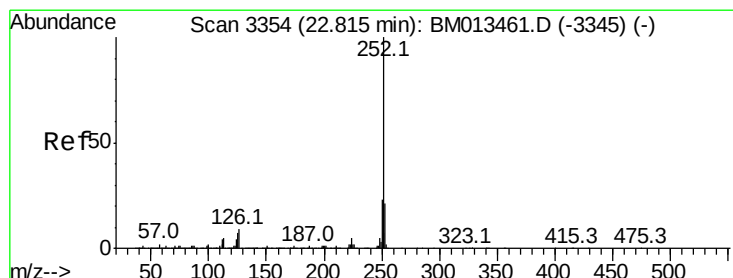
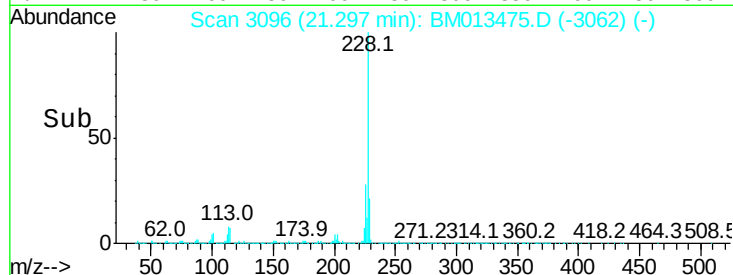
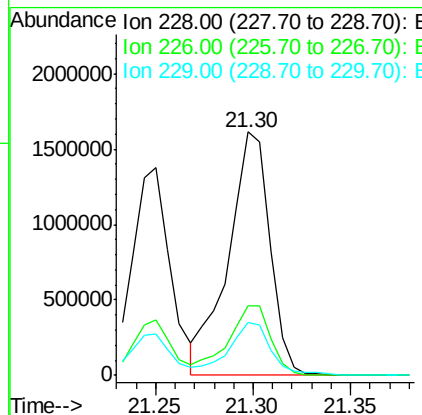
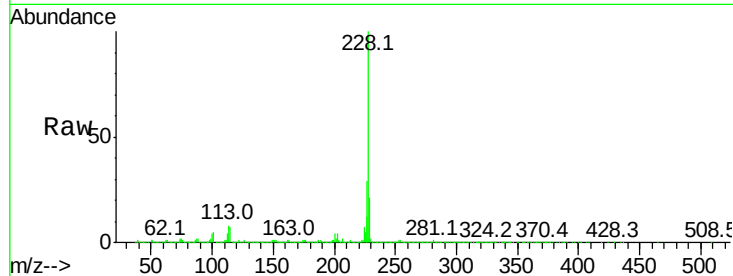
ClientSampleId :

C0298

Tot Ion:	228	Resp:	2378246
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.5	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 41.385 ng/ul

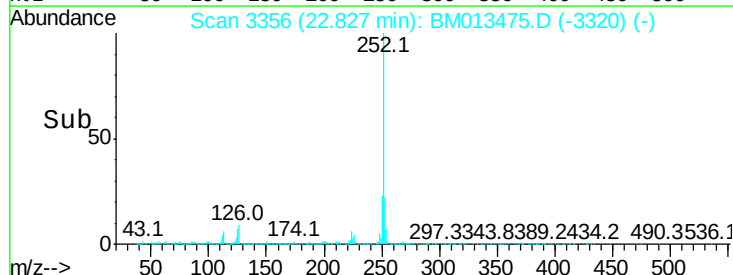
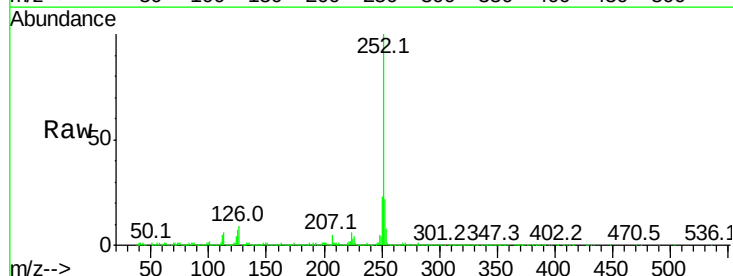
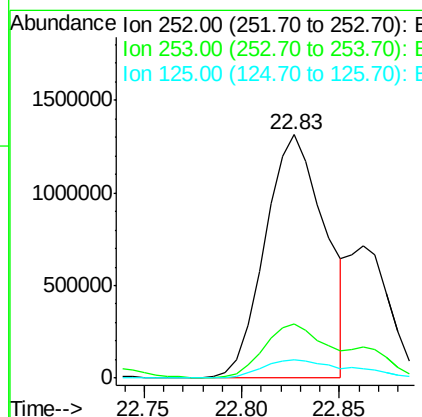
RT: 22.83 min Scan# 3356

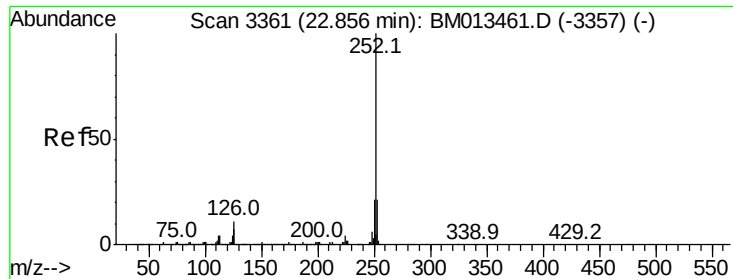
Delta R.T. 0.01 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Tgt Ion:	252	Resp:	2801607
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.3	3.6	5.4#





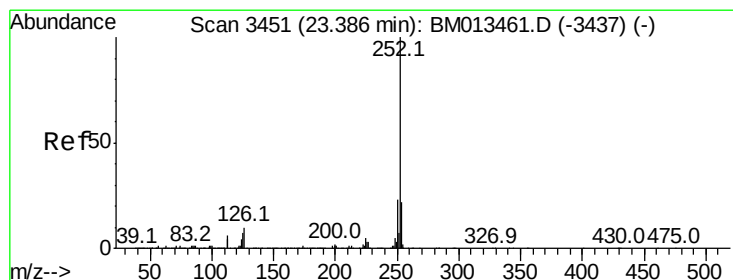
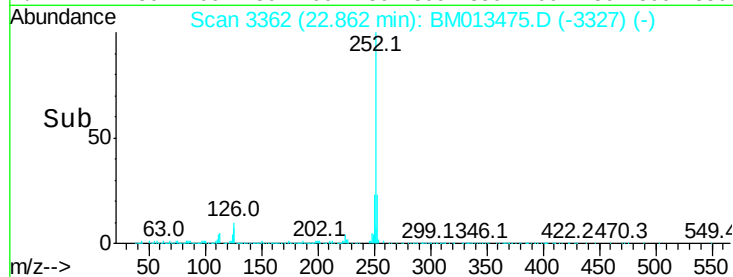
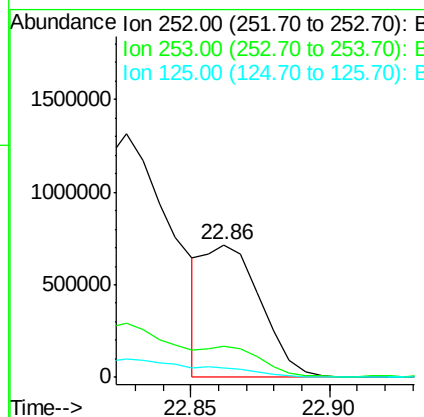
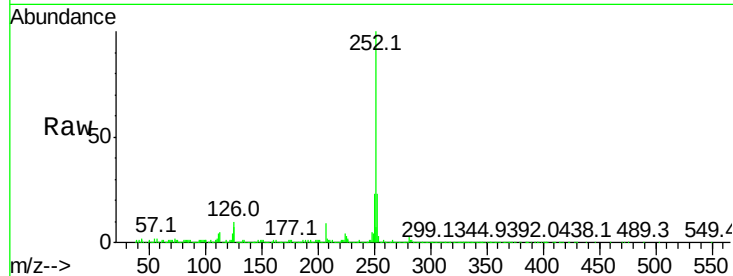
#86
Benzo(k)fluoranthene
Concen: 16.032 ng/ul m
RT: 22.86 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	6.9	3.4	5.2

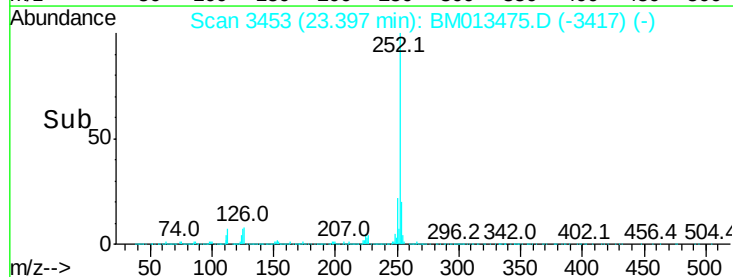
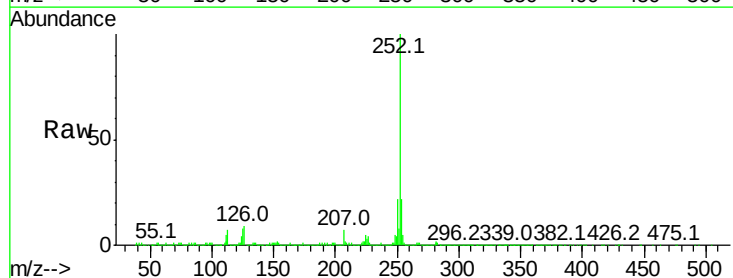
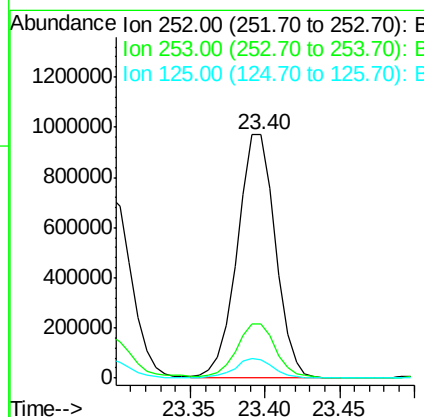
Manual Integrations
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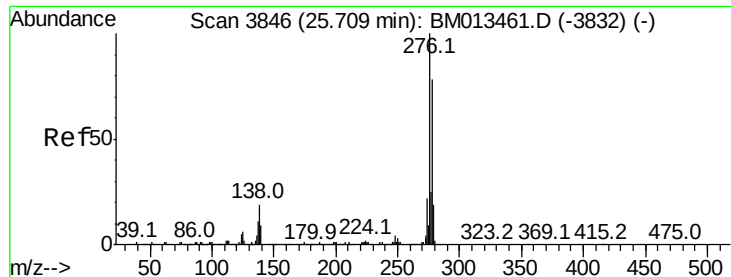
Sohil
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#88
Benzo(a)pyrene
Concen: 28.124 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.6	4.0	6.0





#89

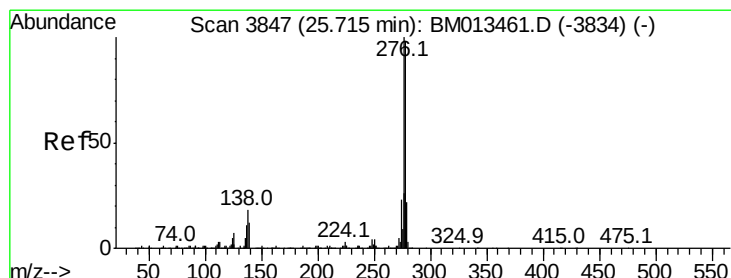
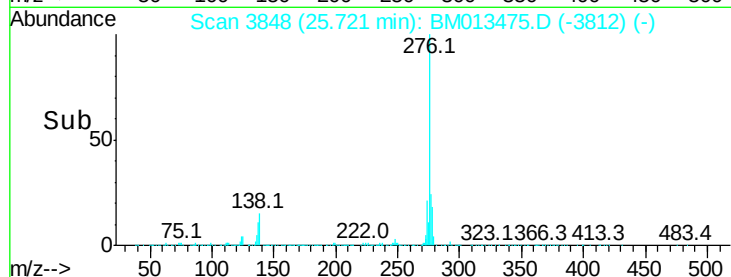
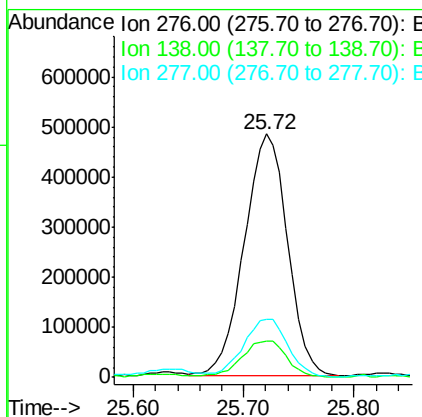
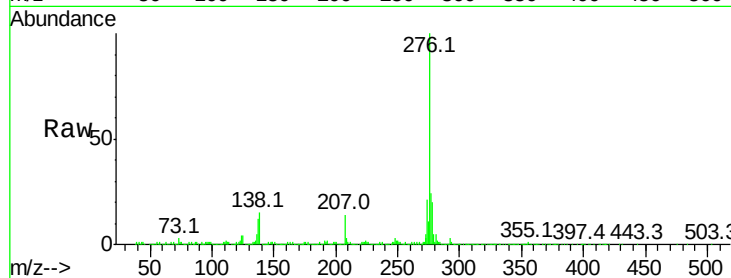
Indeno(1,2,3-cd)pyrene
Concen: 21.961 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Instrument :
BNA_M
ClientSampleId :
C0298

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.3	13.9#
277	23.8	19.9	29.9

Manual Integrations
APPROVED

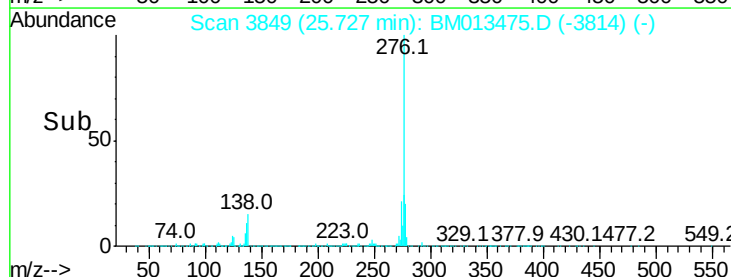
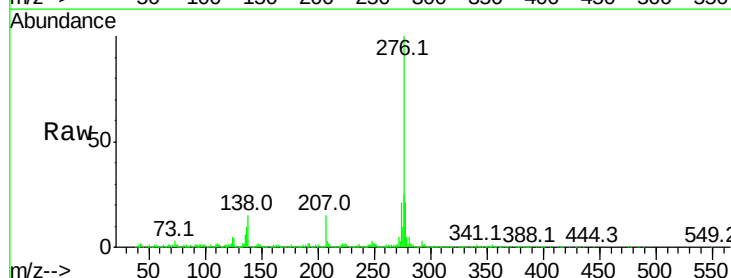
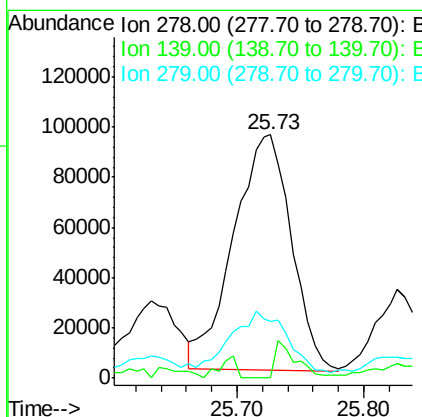
Sohil
12/18/2017 2:10:47 PM

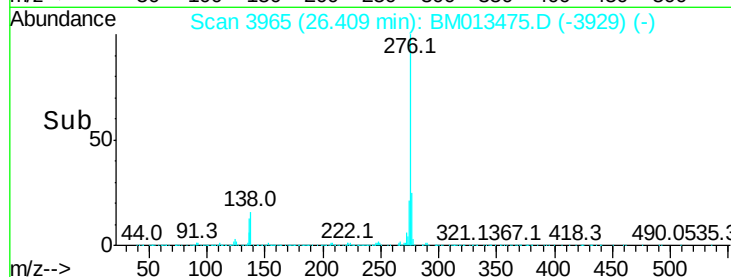
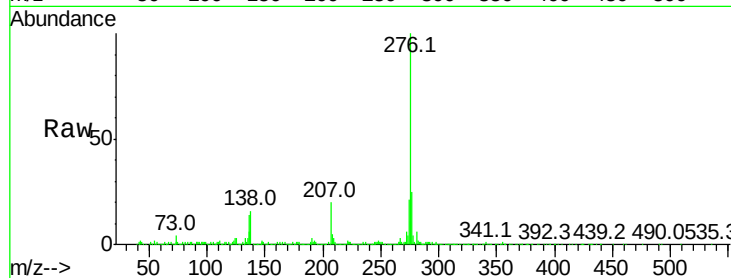
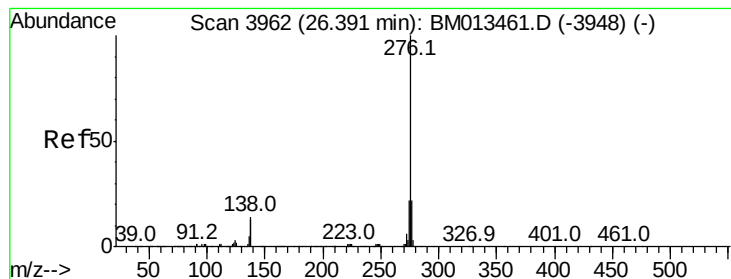


#90

Dibenzo(a,h)anthracene
Concen: 5.781 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BM013475.D
Acq: 16 Dec 2017 12:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	23.3	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 22.033 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. 0.01 min

Lab File: BM013475.D

Acq: 16 Dec 2017 12:58

Tot Ion:	276	Resp:	1048613
Ion Ratio	Lower	Upper	
276	100		
138	16.1	8.5	12.7#
277	25.3	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

C0298

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:47 PM

