

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014840.D
 Acq On : 25 Apr 2018 18:57
 Operator : SJ/JU
 Sample : J2449-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

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Quant Time: Apr 26 02:27:47 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	286830	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1191835	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	640553	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1410920	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1552344	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1623985	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	49590	7.55	ng/uL	0.00
5) Phenol-d5	7.62	99	828369	37.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	589196	41.44	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	726250	39.15	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	571240	32.30	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	336726	39.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	360563	42.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	642320	36.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	835775	48.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	1979001	39.58	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2336958	37.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	285352	30.75	ng/ul	0.00
57) Fluorene-d10	16.08	176	1715081	39.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	239578	31.38	ng/ul	0.00
70) Anthracene-d10	17.92	188	2593148	39.44	ng/ul	0.00
76) Pyrene-d10	20.16	212	2934672	39.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	3438336	43.09	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.65	94	69158	3.170	ng/ul#	81
44) Dimethylphthalate	14.55	163	460023	9.517	ng/ul	99
69) Phenanthrene	17.86	178	1333489	17.599	ng/ul	99
71) Anthracene	17.95	178	220092	2.862	ng/ul	99
72) Carbazole	18.21	167	162896	2.483	ng/ul	98
74) Fluoranthene	19.83	202	2063902	24.983	ng/ul#	82
77) Pyrene	20.19	202	1711214	18.867	ng/ul#	80
80) Benzo(a)anthracene	21.89	228	814777	8.975	ng/ul	99
82) Chrysene	21.94	228	764257	8.993	ng/ul	97
85) Benzo(b)fluoranthene	23.63	252	1025237	10.709	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	291771m	3.169	ng/ul	
88) Benzo(a)pyrene	24.29	252	689197	7.589	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.96	276	483255	4.399	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.96	278	118639	1.283	ng/ul#	92
91) Benzo(g,h,i)perylene	27.75	276	421619	4.665	ng/ul#	90

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

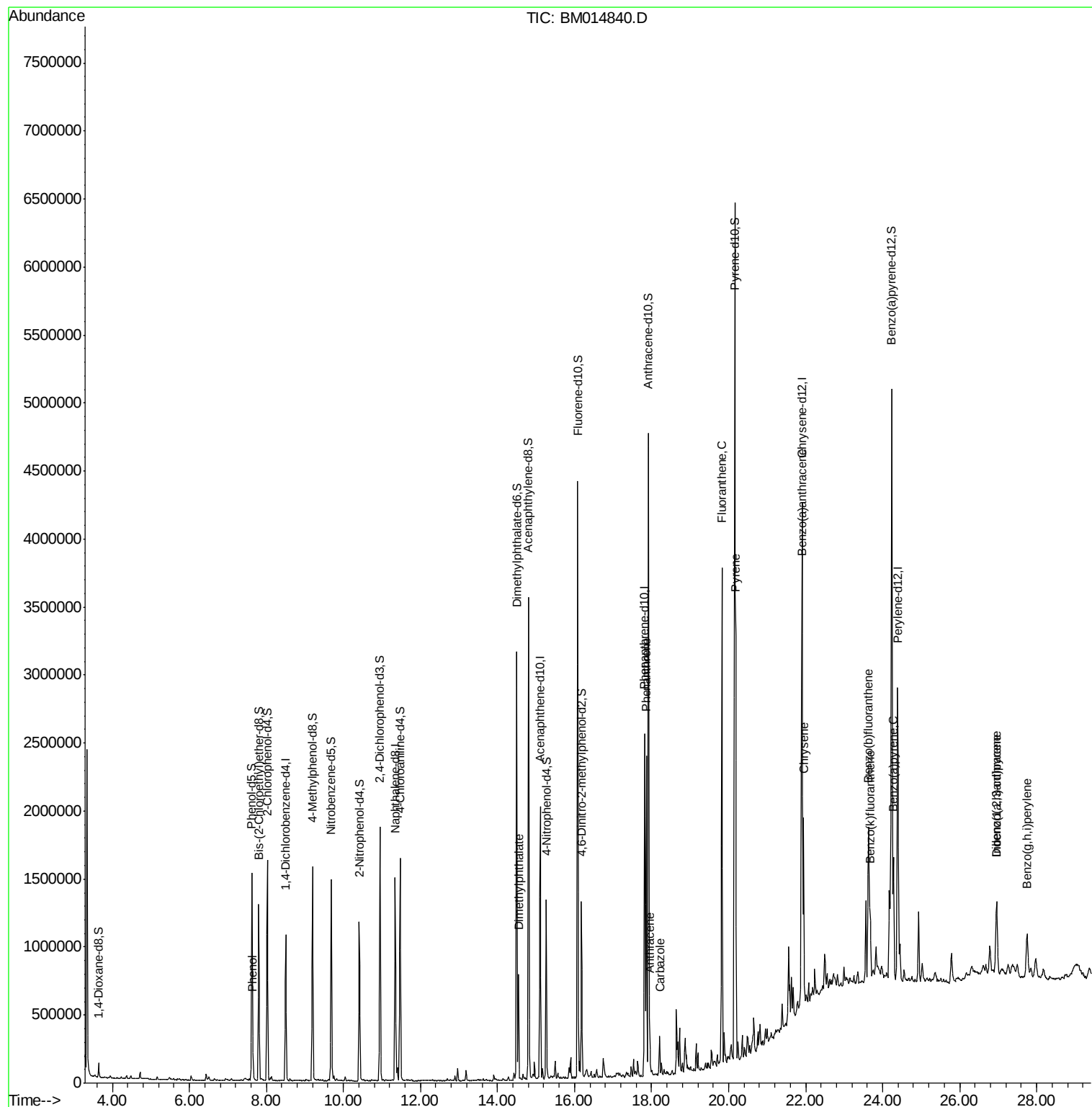
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014840.D
Acq On : 25 Apr 2018 18:57
Operator : SJ/JU
Sample : J2449-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

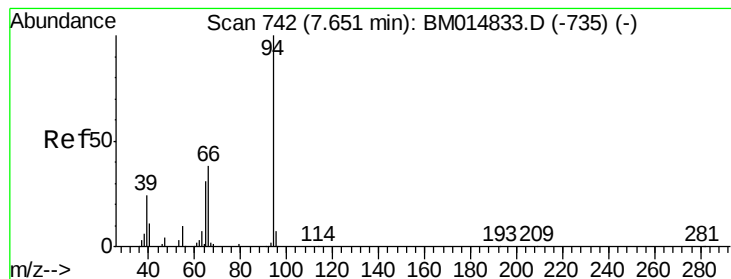
Instrument :
BNA_M
ClientSampled :
C0AD8

Quant Time: Apr 26 02:27:47 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 01:59:14 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 3.170 ng/ul

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Instrument :

BNA_M

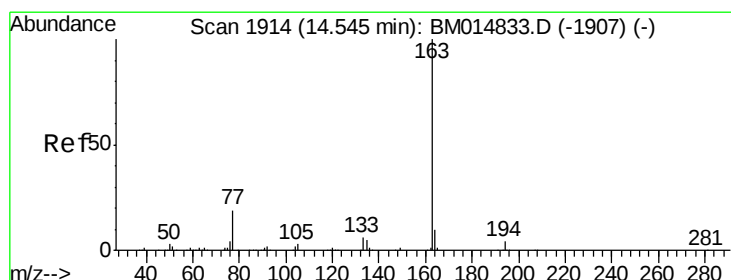
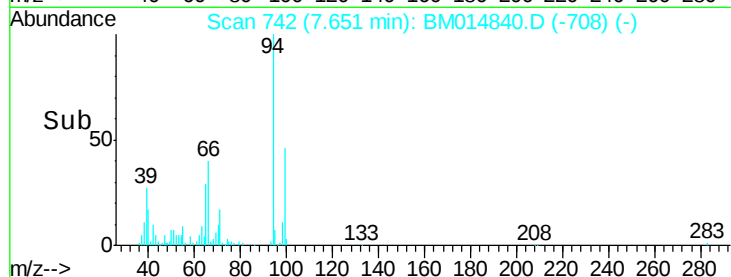
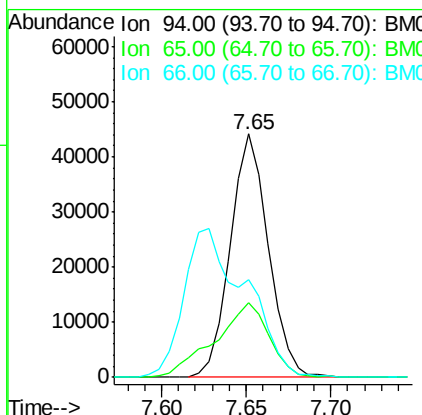
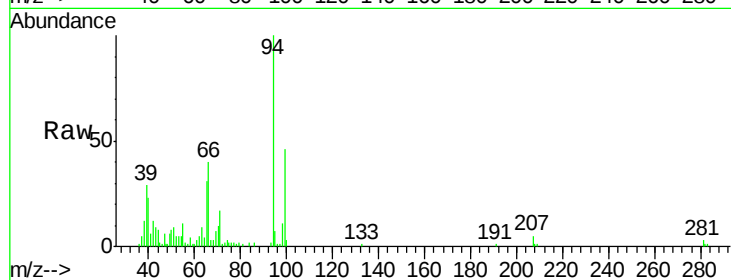
ClientSampleId :

C0AD8

Tot Ion:	94	Resp:	69158
Ion Ratio	Lower	Upper	
94	100		
65	30.5	28.2	42.4
66	40.1	47.2	70.8#

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#44

Dimethylphthalate

Concen: 9.517 ng/ul

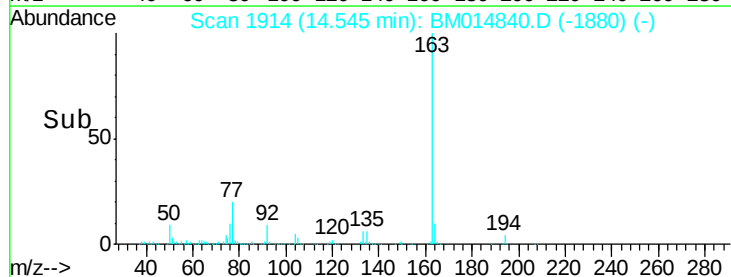
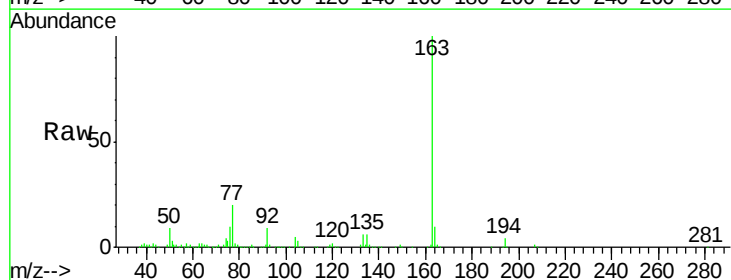
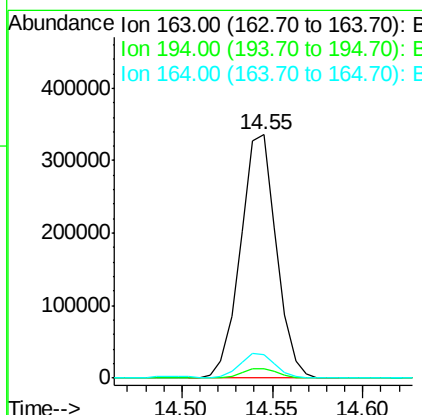
RT: 14.55 min Scan# 1914

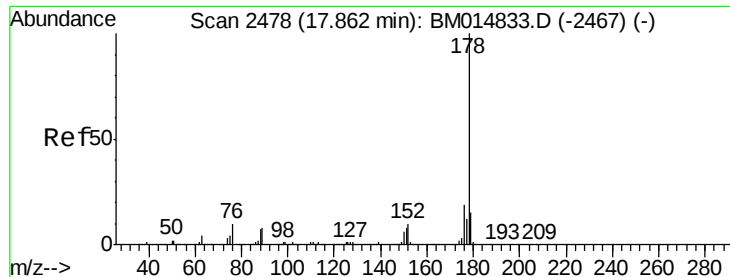
Delta R.T. 0.00 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Tgt Ion:	163	Resp:	460023
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.9	8.2	12.4





#69

Phenanthrene

Concen: 17.599 ng/ul

RT: 17.86 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Instrument :

BNA_M

ClientSampleId :

C0AD8

Tot Ion:178 Resp: 1333489

Ion Ratio Lower Upper

178 100

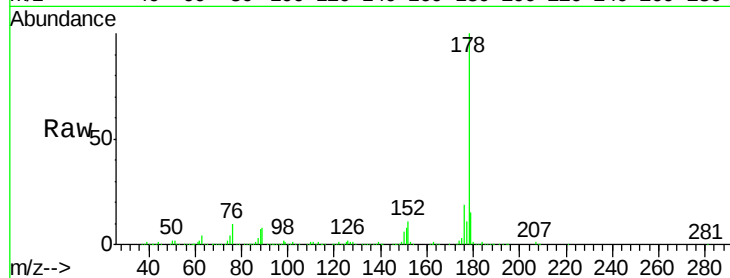
179 15.2 12.6 19.0

176 19.1 14.9 22.3

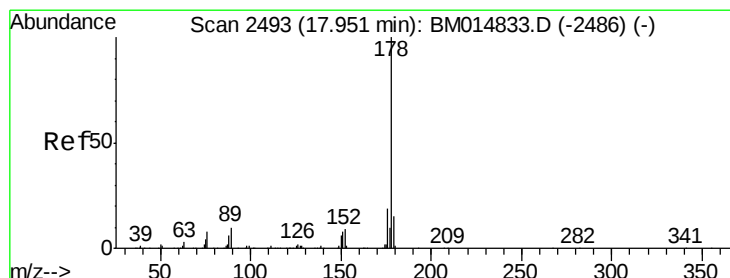
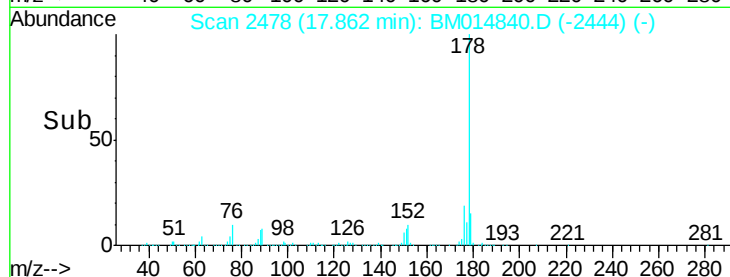
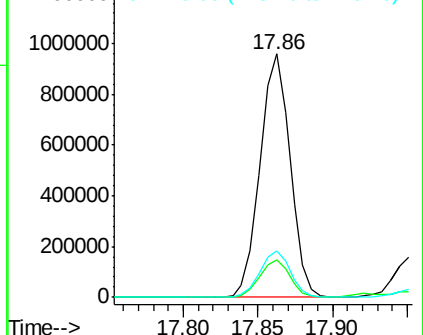
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.862 ng/ul

RT: 17.95 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

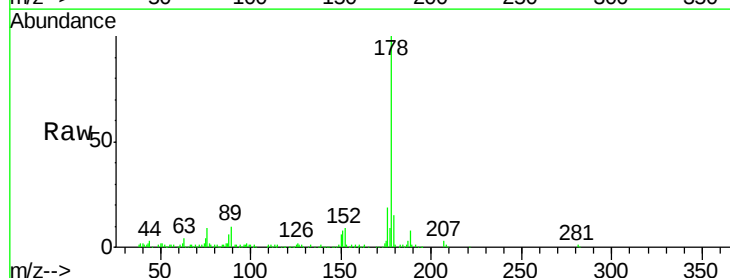
Tgt Ion:178 Resp: 220092

Ion Ratio Lower Upper

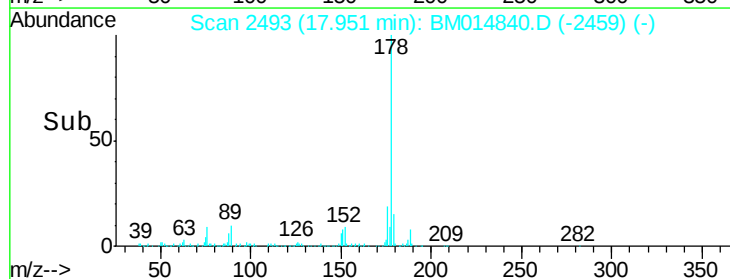
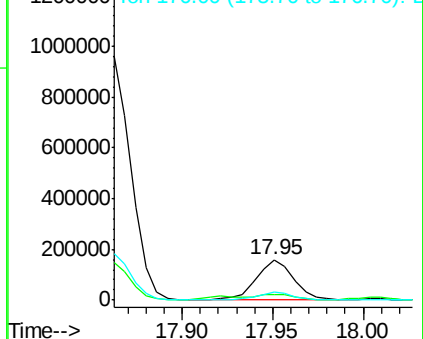
178 100

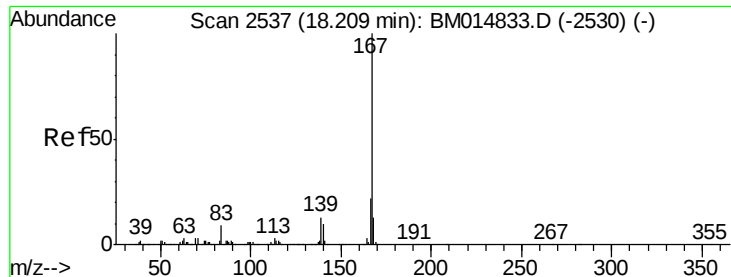
179 14.9 11.7 17.5

176 18.6 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: 2.483 ng/ul

RT: 18.21 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Instrument :

BNA_M

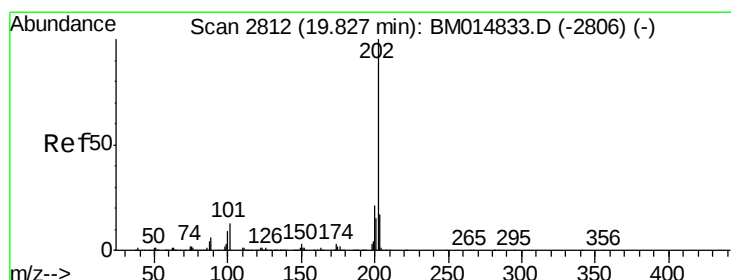
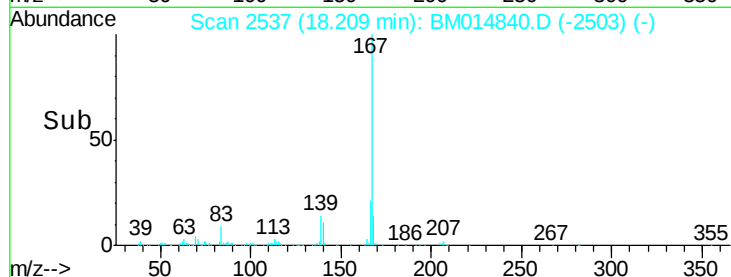
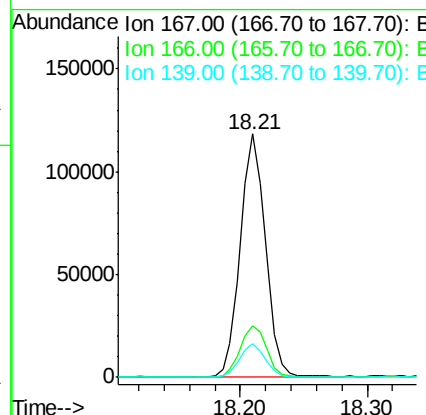
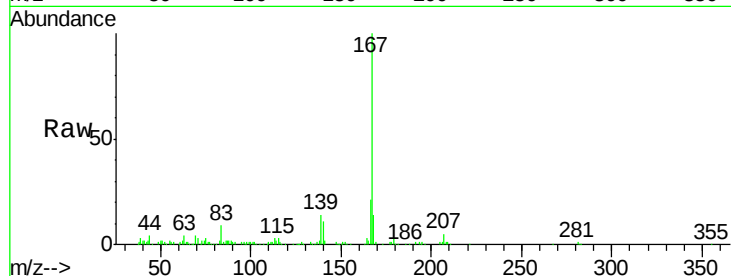
ClientSampleId :

C0AD8

Tot Ion:	167	Resp:	162896
Ion Ratio		Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.8	10.0	15.0

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#74

Fluoranthene

Concen: 24.983 ng/ul

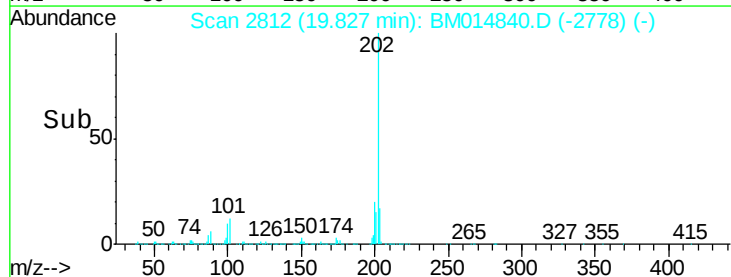
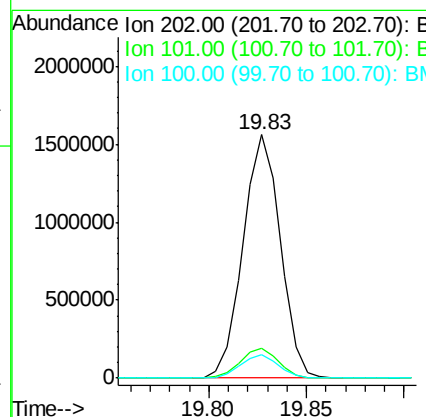
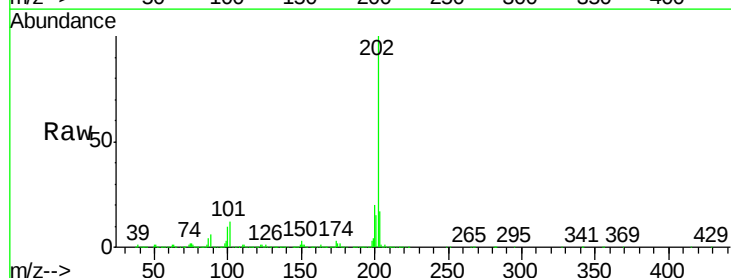
RT: 19.83 min Scan# 2812

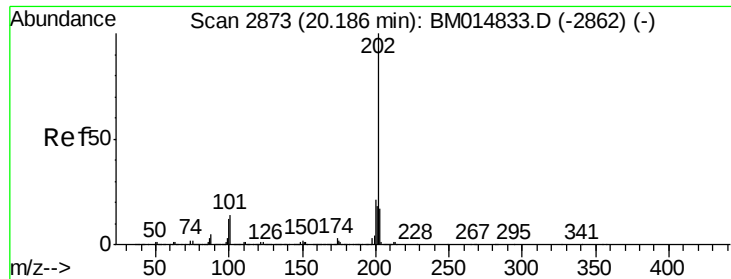
Delta R.T. 0.00 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Tgt Ion:	202	Resp:	2063902
Ion Ratio		Lower	Upper
202	100		
101	12.4	4.6	7.0#
100	9.6	3.4	5.2#





#77

Pvrene

Concen: 18.867 ng/ul

RT: 20.19 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Instrument :

BNA_M

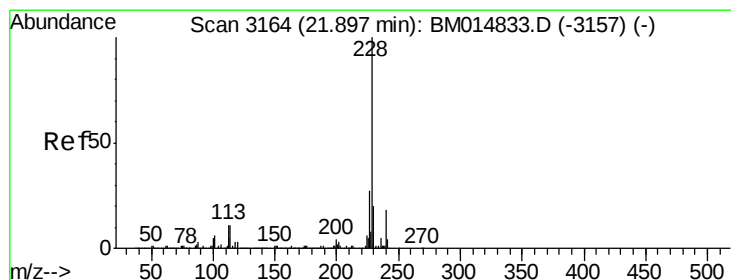
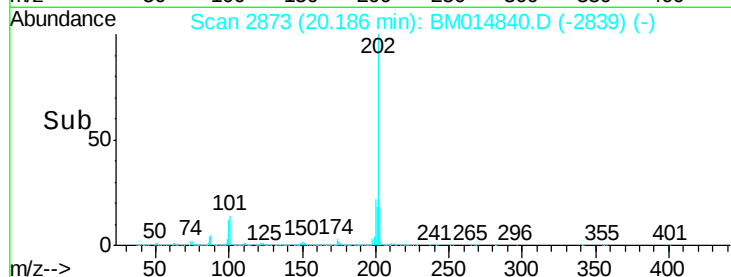
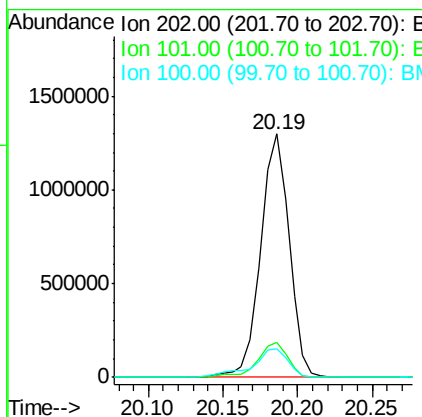
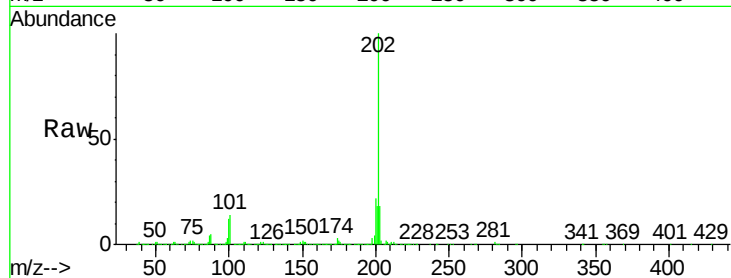
ClientSampleId :

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Tot Ion:	202	Resp:	1711214
Ion	Ratio	Lower	Upper
202	100		
101	14.3	5.1	7.7#
100	12.0	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 8.975 ng/ul

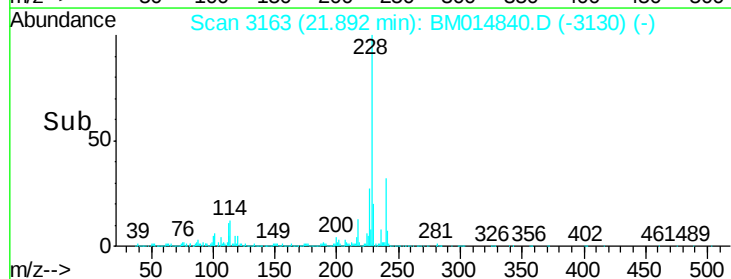
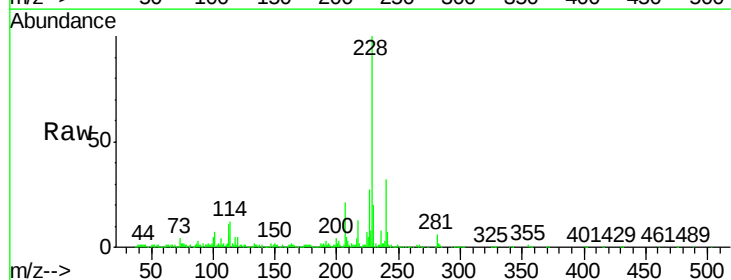
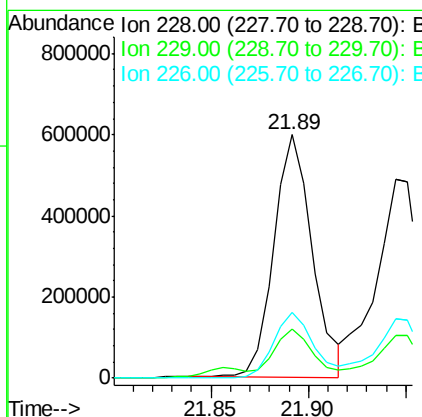
RT: 21.89 min Scan# 3163

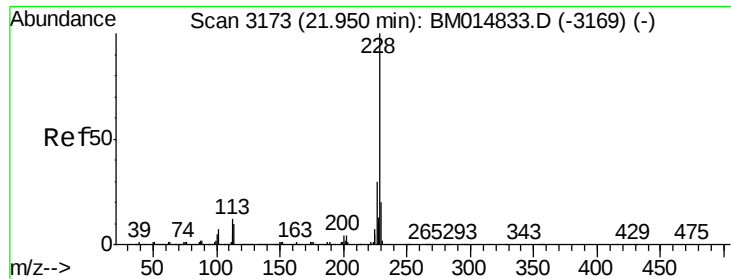
Delta R.T. -0.01 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Tgt Ion:	228	Resp:	814777
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	26.8	21.4	32.0





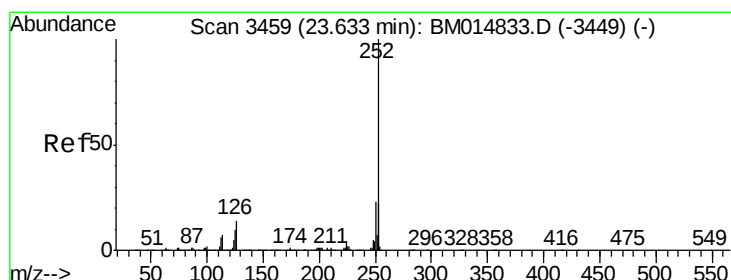
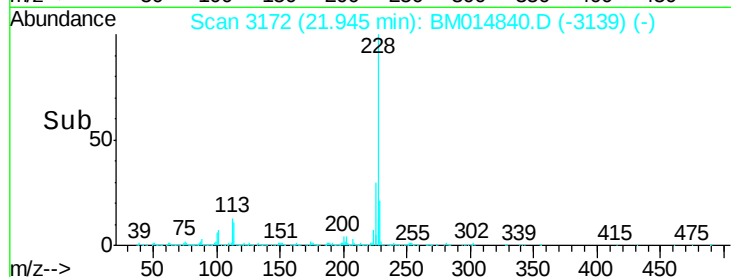
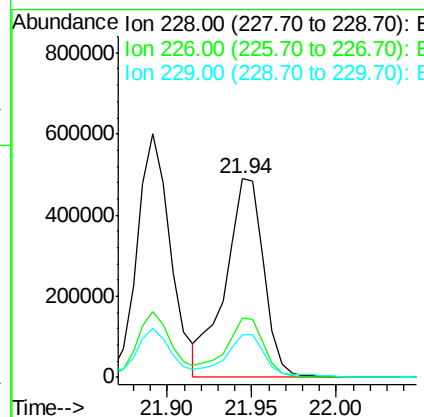
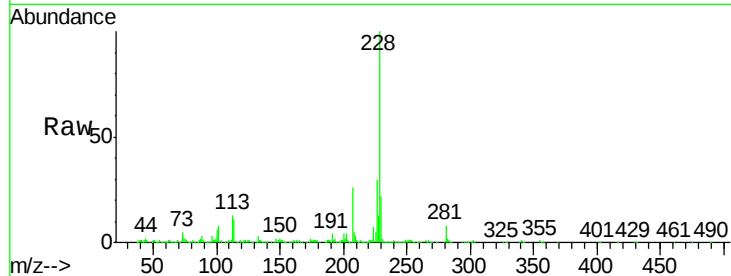
#82
 Chrysene
 Concen: 8.993 ng/ul
 RT: 21.94 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BM014840.D
 Acq: 25 Apr 2018 18:57

Instrument :
 BNA_M
 ClientSampleID :
 C0AD8

Tot Ion:228	Resp:	764257
Ion Ratio	Lower	Upper
228 100		
226 29.9	23.4	35.2
229 21.6	15.5	23.3

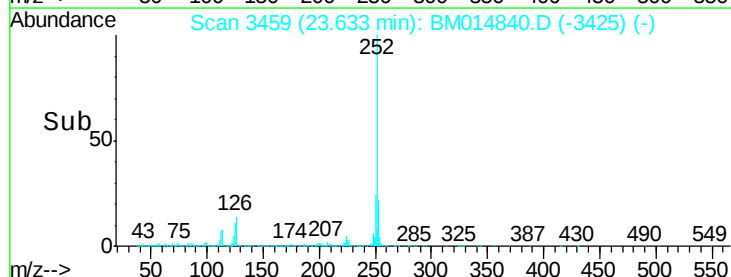
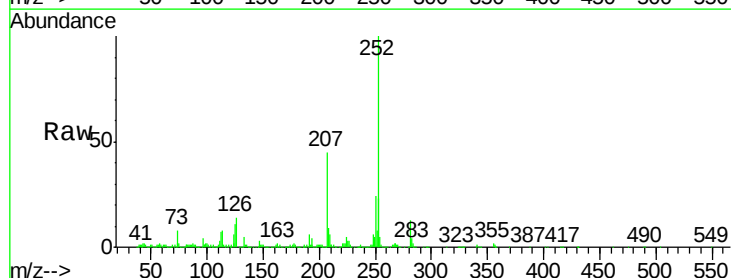
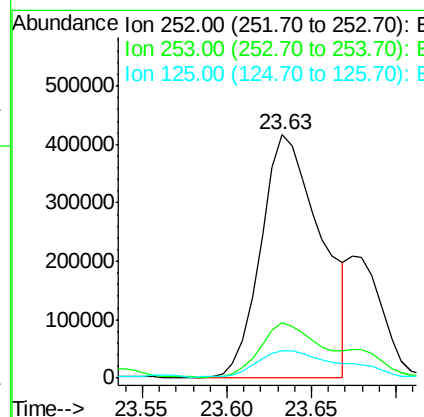
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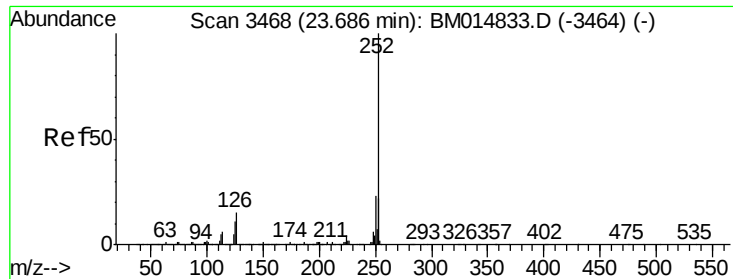
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#85
 Benzo(b)fluoranthene
 Concen: 10.709 ng/ul
 RT: 23.63 min Scan# 3459
 Delta R.T. 0.00 min
 Lab File: BM014840.D
 Acq: 25 Apr 2018 18:57

Tgt Ion:252	Resp:	1025237
Ion Ratio	Lower	Upper
252 100		
253 22.7	17.9	26.9
125 11.2	3.6	5.4#





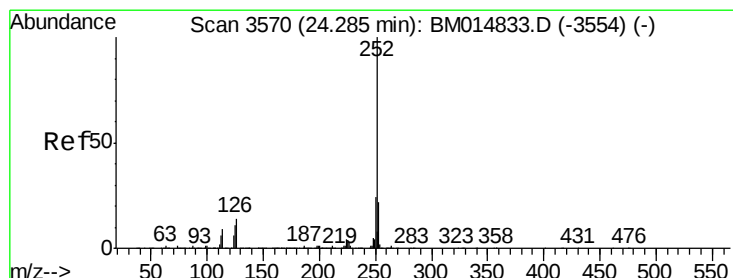
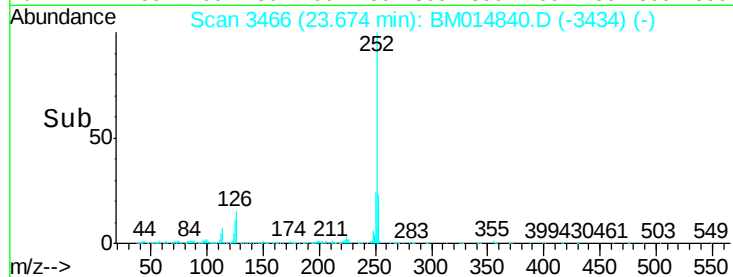
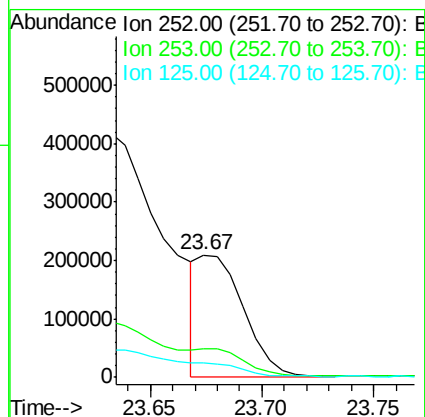
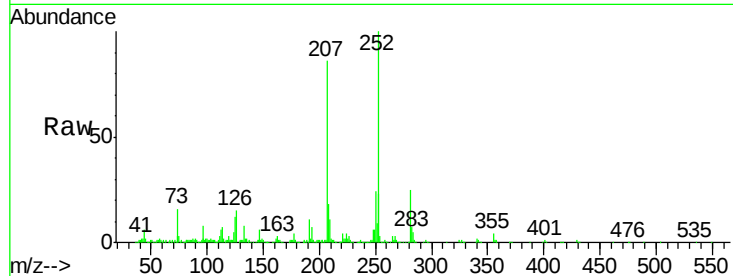
#86
Benzo(k)fluoranthene
Concen: 3.169 ng/ul m
RT: 23.67 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM014840.D
Acq: 25 Apr 2018 18:57

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.1	25.7
125	11.9	3.4	5.2#

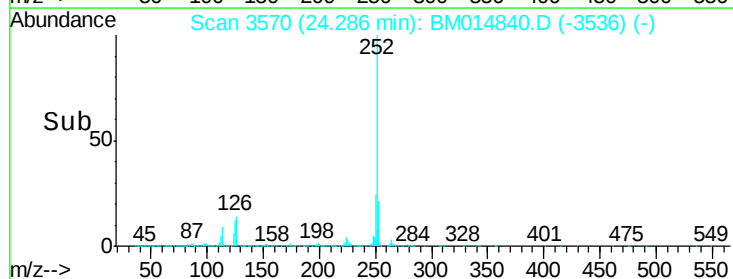
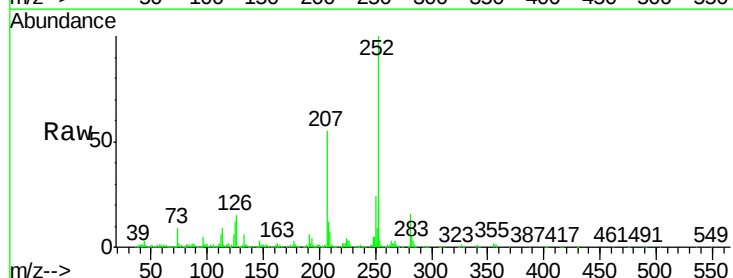
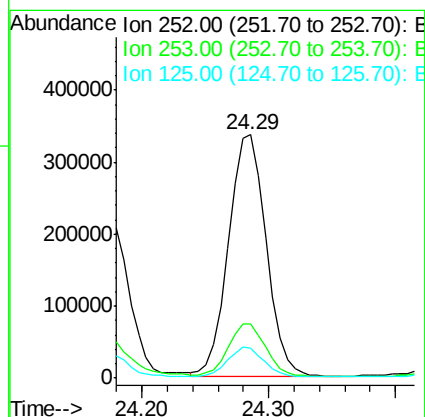
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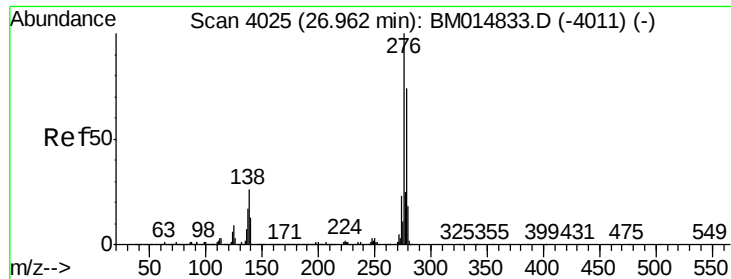
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#88
Benzo(a)pyrene
Concen: 7.589 ng/ul
RT: 24.29 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BM014840.D
Acq: 25 Apr 2018 18:57

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.4	4.0	6.0#





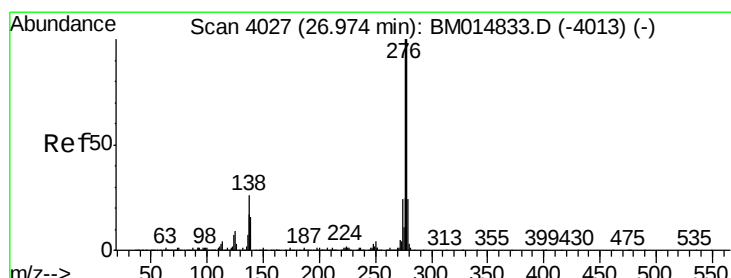
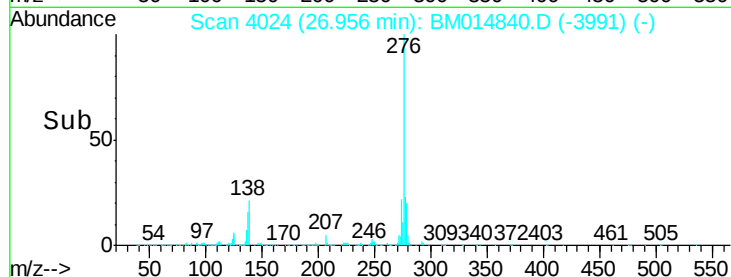
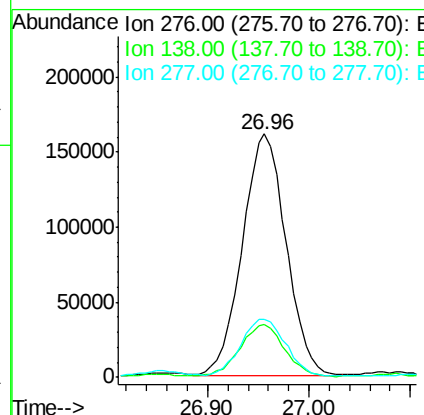
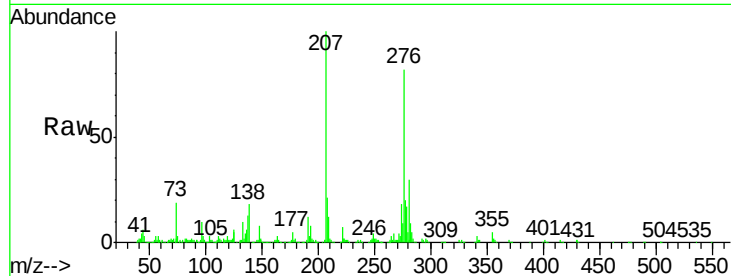
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.399 ng/ul
RT: 26.96 min Scan# 4024
Delta R.T. -0.01 min
Lab File: BM014840.D
Acq: 25 Apr 2018 18:57

Instrument :
BNA_M
ClientSampled :
C0AD8

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	9.3	13.9#
277	24.0	19.9	29.9

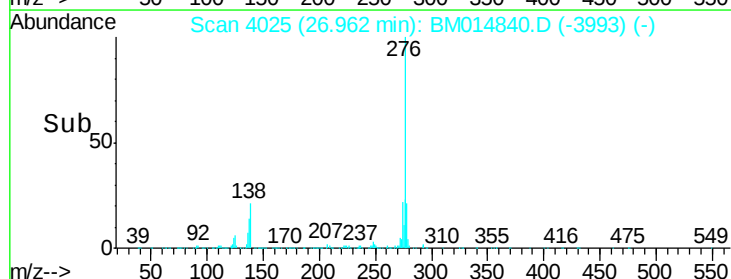
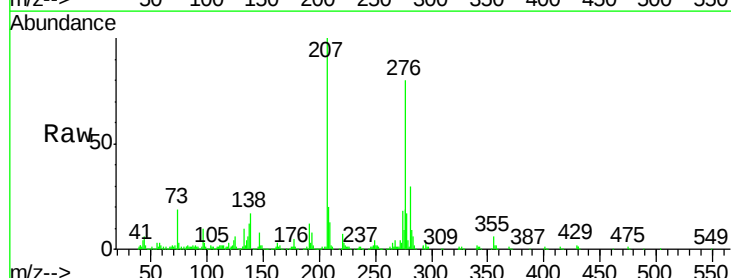
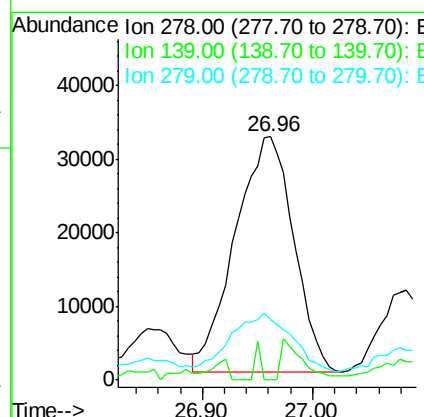
Manual Integrations
APPROVED

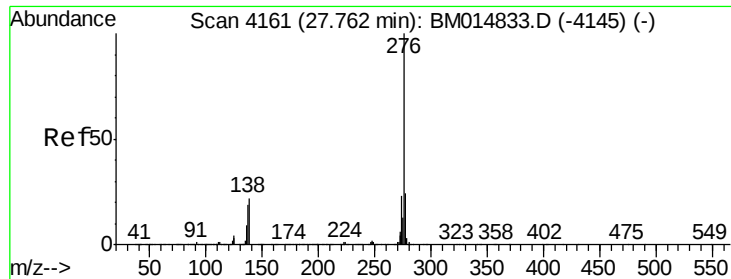
Sohil
4/26/2018 6:21:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 1.283 ng/ul
RT: 26.96 min Scan# 4025
Delta R.T. -0.01 min
Lab File: BM014840.D
Acq: 25 Apr 2018 18:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	24.8	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 4.665 ng/ul

RT: 27.75 min Scan# 4159

Delta R.T. -0.01 min

Lab File: BM014840.D

Acq: 25 Apr 2018 18:57

Instrument :

BNA_M

ClientSampleId :

C0AD8

Tot Ion:	276	Resp:	421619
Ion Ratio		Lower	Upper
276	100		
138	21.6	8.5	12.7#
277	22.9	18.6	28.0

Manual Integrations
APPROVED

Sohil
4/26/2018 6:21:12 PM

