

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014487.D
 Acq On : 05 Mar 2018 23:47
 Operator : SJ/JU
 Sample : J1678-21DL 25X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4DL

Manual Integrations
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Quant Time: Mar 06 03:43:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	84482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	319877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	171510	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	372309	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	347895	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	331653	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	308	0.16	ng/uL	-0.04
5) Phenol-d5	6.79	99	2858	0.40	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.87	67	3667	0.85	ng/ul	0.01
9) 2-Chlorophenol-d4	7.07	132	5634	1.03	ng/ul	0.02
13) 4-Methylphenol-d8	8.30	113	796	0.13	ng/ul	0.05
19) Nitrobenzene-d5	8.70	128	1663m	0.70	ng/ul	0.02
22) 2-Nitrophenol-d4	9.39	143	604	0.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	371	0.07	ng/ul	0.06
29) 4-Chloroaniline-d4	10.50	131	170	0.03	ng/ul	0.05
43) Dimethylphthalate-d6	13.60	166	19952m	1.41	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	23020	1.32	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.19	176	17349	1.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.04	188	26985	1.50	ng/ul	0.00
76) Pyrene-d10	19.35	212	28371	1.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	25924	1.61	ng/ul	-0.01

Target Compounds

					Ovalue
49) Acenaphthene	14.24	153	15625	1.344 ng/ul	95
53) Dibenzofuran	14.59	168	24454m	1.403 ng/ul	
58) Fluorene	15.24	166	33949m	2.256 ng/ul	
69) Phenanthrene	16.98	178	615766	28.706 ng/ul	99
71) Anthracene	17.07	178	136513	6.328 ng/ul	99
72) Carbazole	17.36	167	54039m	2.979 ng/ul	
74) Fluoranthene	19.01	202	864557	33.735 ng/ul#	94
77) Pyrene	19.37	202	674341	29.167 ng/ul#	94
80) Benzo(a)anthracene	21.14	228	332277	15.304 ng/ul	98
82) Chrysene	21.19	228	259756	12.825 ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	331588	14.932 ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	110379m	5.228 ng/ul	
88) Benzo(a)pyrene	23.24	252	247591	12.477 ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.51	276	170510	8.855 ng/ul	96
90) Dibenzo(a,h)anthracene	25.51	278	47242	2.953 ng/ul#	91
91) Benzo(g,h,i)perylene	26.17	276	123749	7.933 ng/ul#	95

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

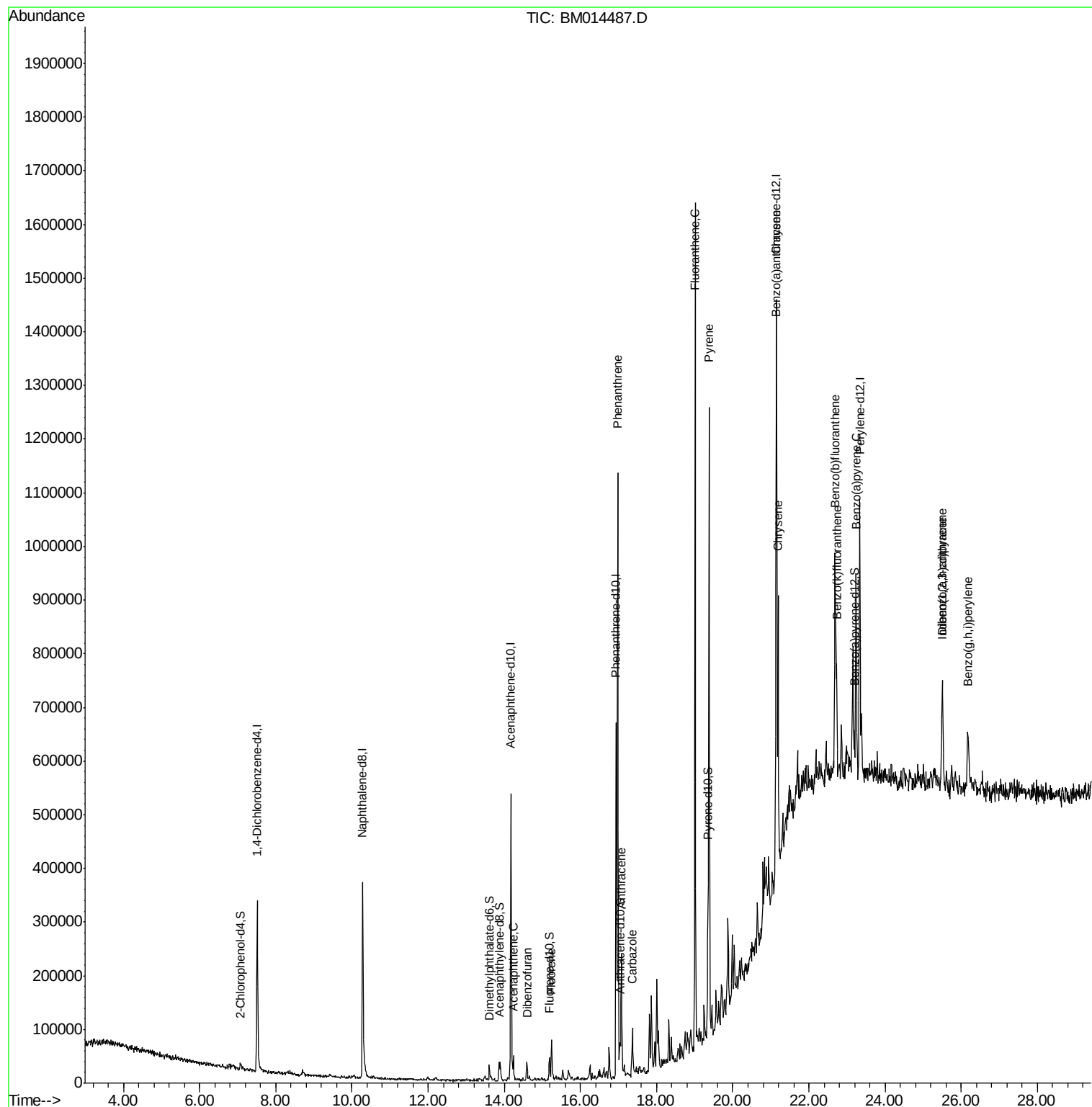
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014487.D
Acq On : 05 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-21DL 25X
Misc :
ALS Vial : 20 Sample Multiplier: 1

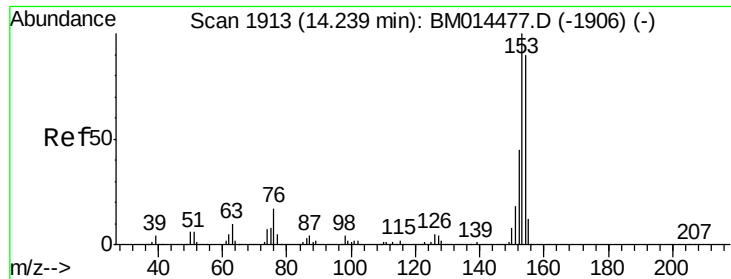
Instrument :
BNA_M
ClientSampleId :
BE5Z4DL

Quant Time: Mar 06 03:43:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
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#49

Acenaphthene

Concen: 1.344 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Instrument :

BNA_M

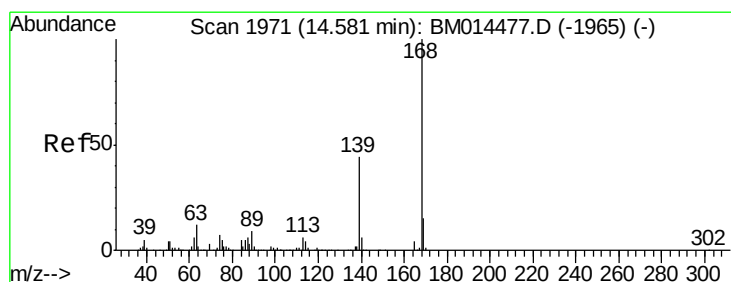
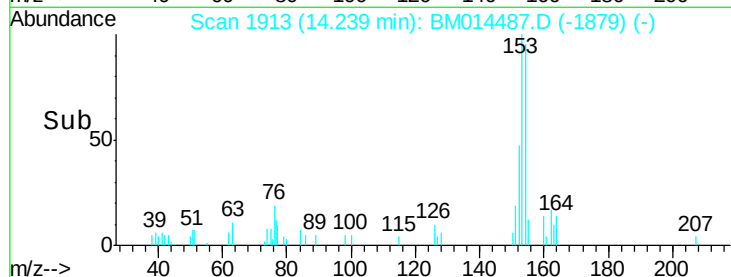
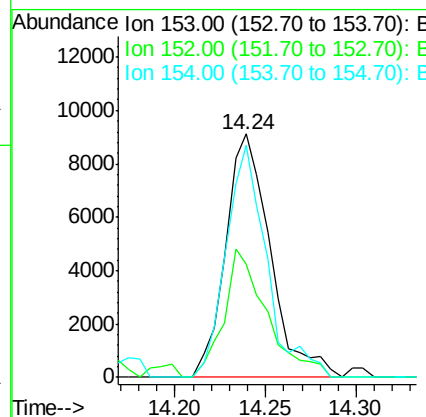
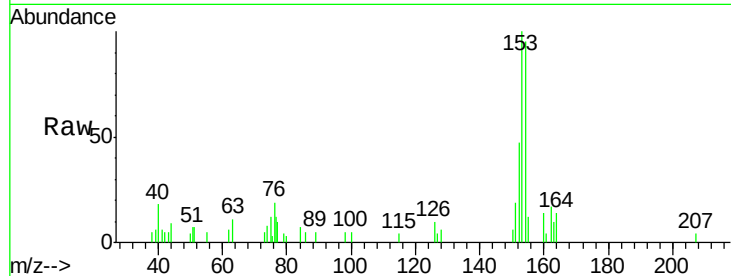
ClientSampleId :

BE5Z4DL

Tot Ion:	153	Resp:	15625
Ion Ratio	Lower	Upper	
153	100		
152	46.6	37.6	56.4
154	95.4	70.4	105.6

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#53

Dibenzofuran

Concen: 1.403 ng/ul m

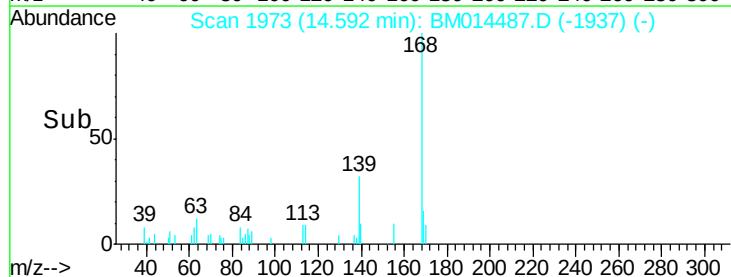
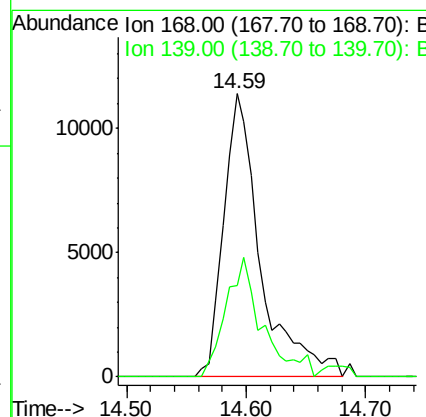
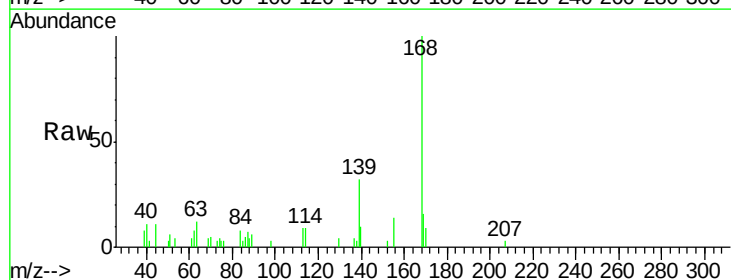
RT: 14.59 min Scan# 1973

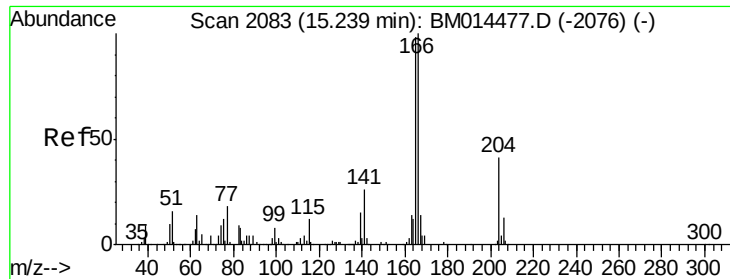
Delta R.T. 0.01 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Tgt Ion:	168	Resp:	24454
Ion Ratio	Lower	Upper	
168	100		
139	32.2	30.8	46.2





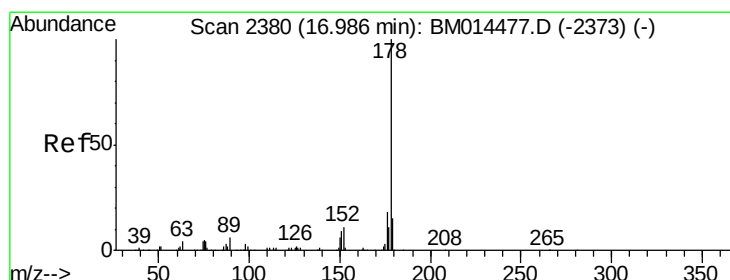
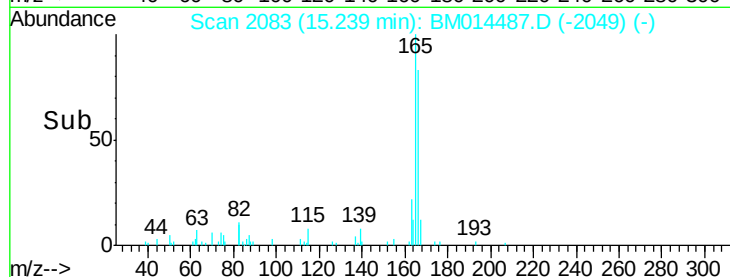
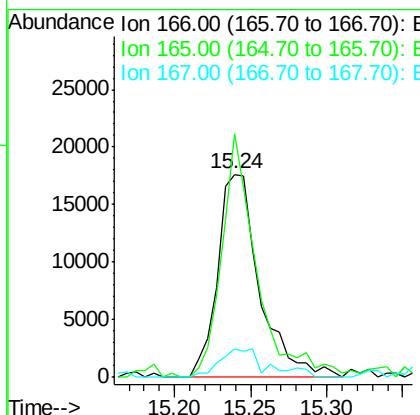
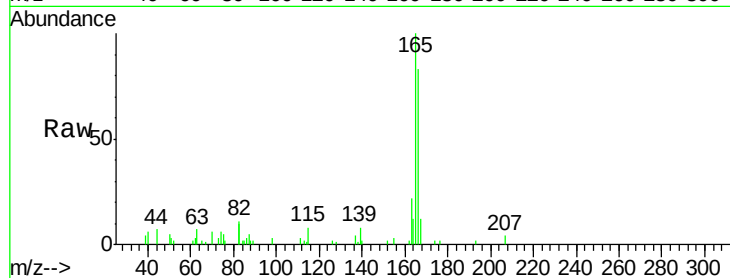
#58
 Fluorene
 Concen: 2.256 ng/ul m
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BM014487.D
 Acq: 05 Mar 2018 23:47

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	120.0	77.9	116.9#
167	14.3	10.6	16.0

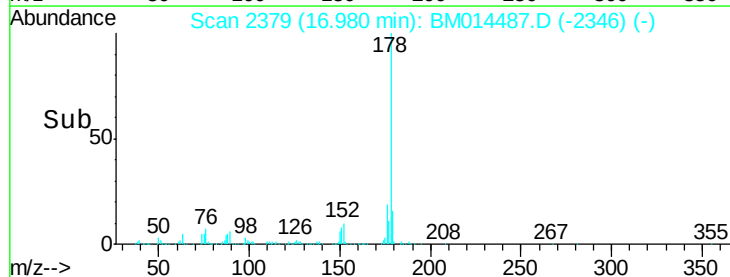
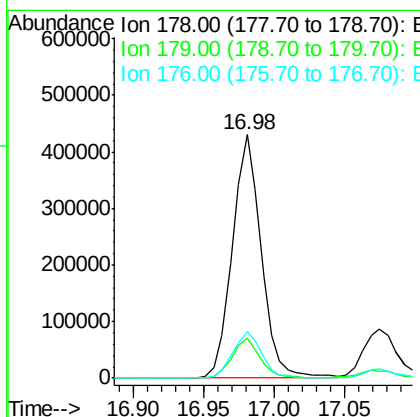
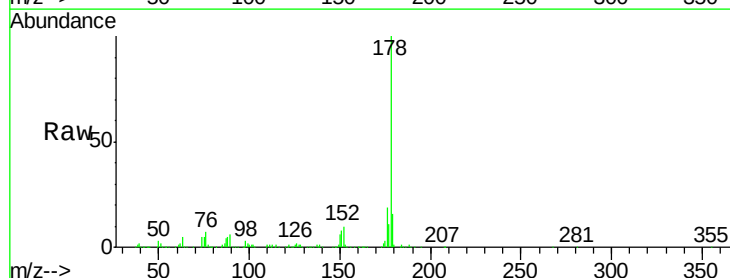
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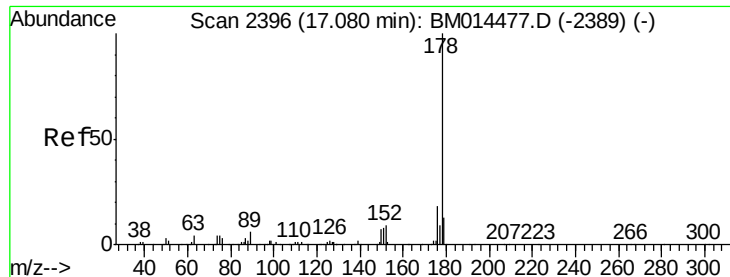
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#69
 Phenanthrene
 Concen: 28.706 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BM014487.D
 Acq: 05 Mar 2018 23:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.1	14.9	22.3





#71

Anthracene

Concen: 6.328 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Instrument :

BNA_M

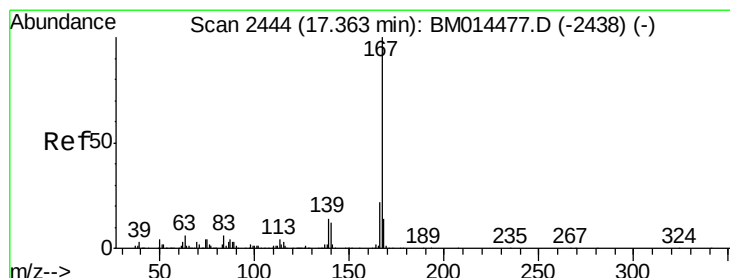
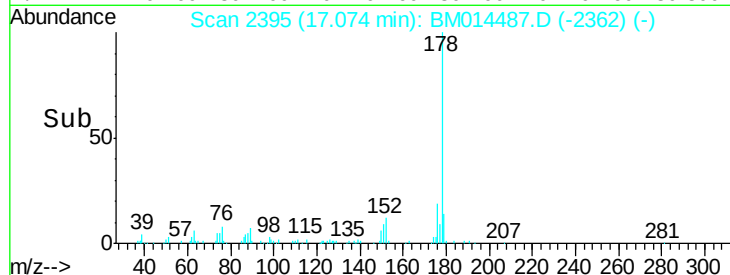
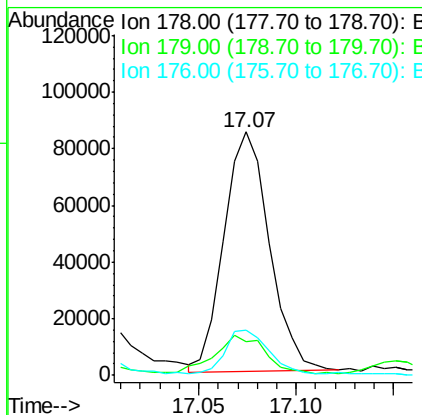
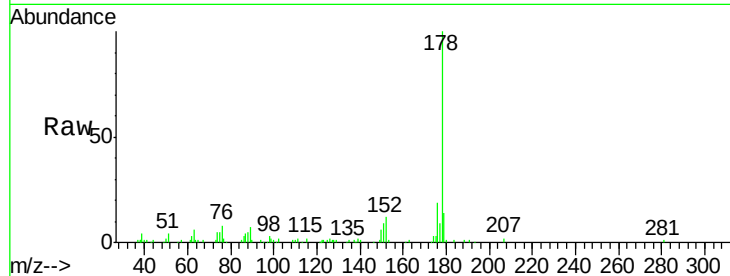
ClientSampled :

BE5Z4DL

Tot Ion:	178	Resp:	136513
Ion Ratio	Lower	Upper	
178	100		
179	13.8	11.7	17.5
176	18.6	14.6	21.8

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#72

Carbazole

Concen: 2.979 ng/ul m

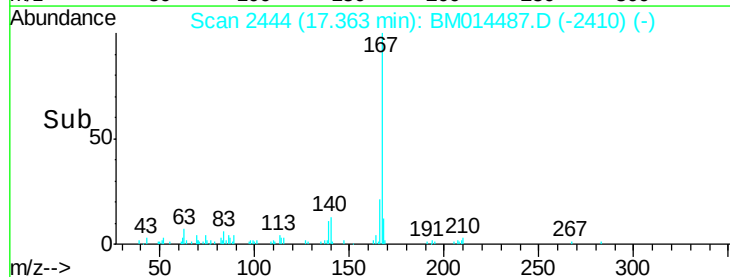
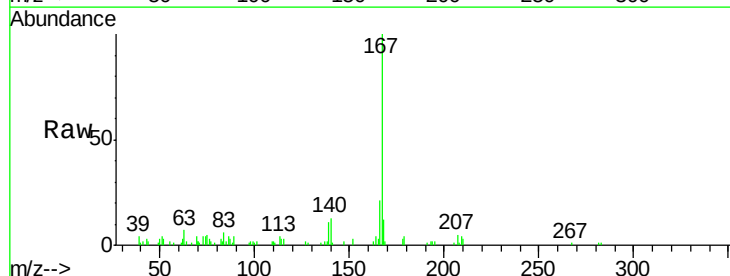
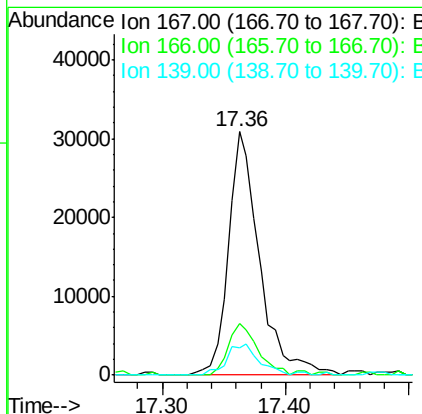
RT: 17.36 min Scan# 2444

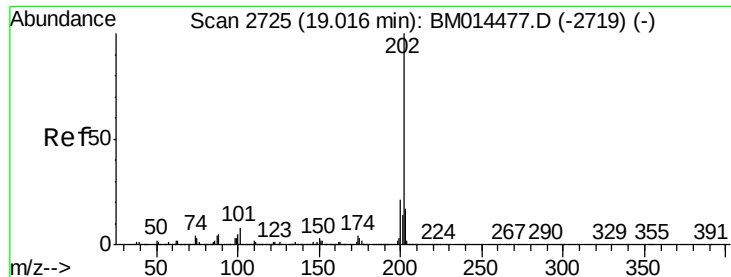
Delta R.T. -0.00 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Tgt Ion:	167	Resp:	54039
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.1	25.7
139	11.4	10.0	15.0





#74

Fluoranthene

Concen: 33.735 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Instrument :

BNA_M

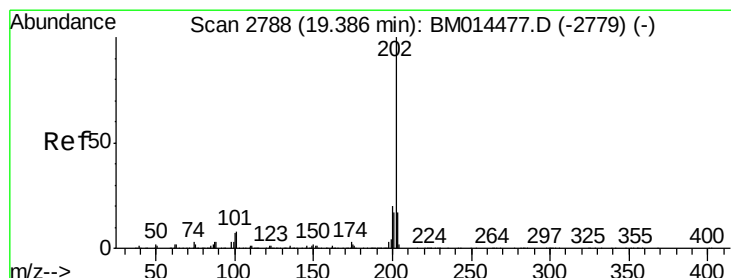
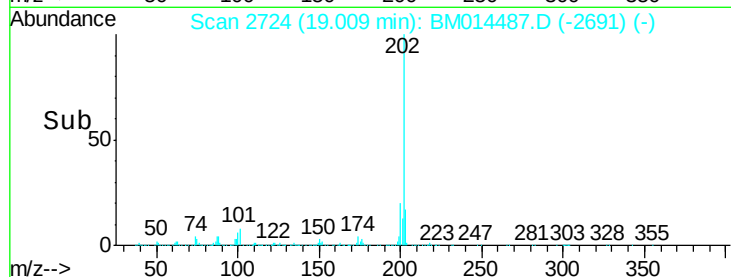
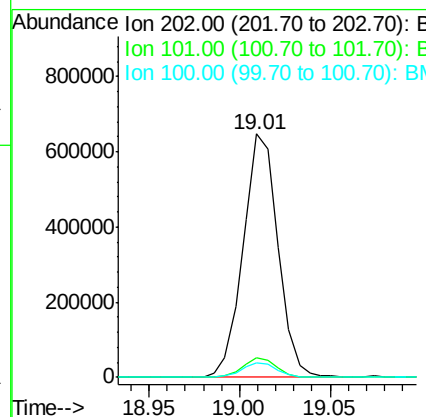
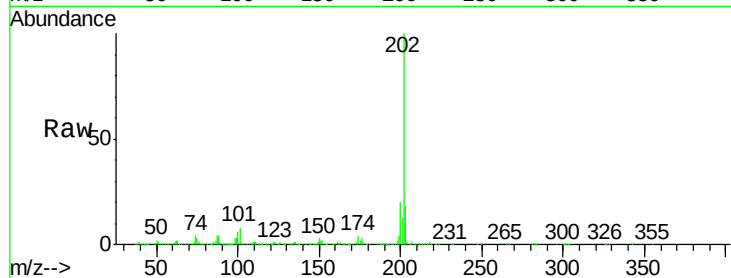
ClientSampleId :

BE5Z4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	864557		
101	7.9	4.6	7.0#	
100	5.8	3.4	5.2#	

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#77

Pyrene

Concen: 29.167 ng/ul

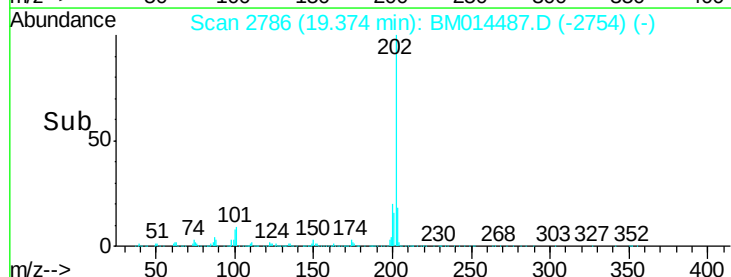
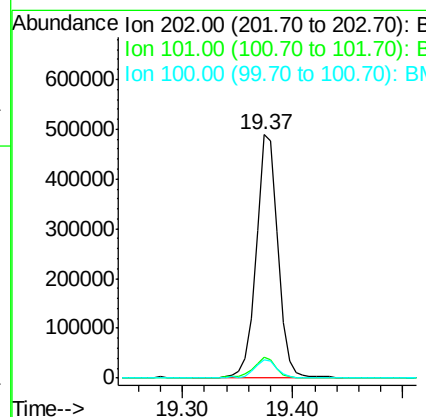
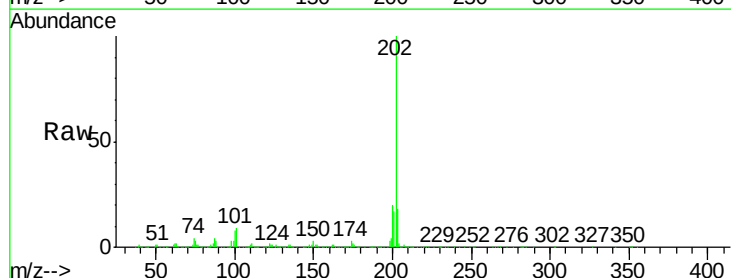
RT: 19.37 min Scan# 2786

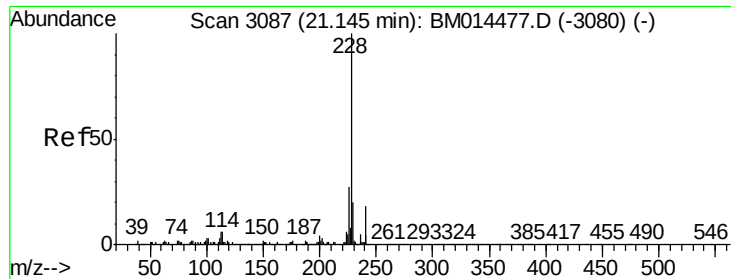
Delta R.T. -0.01 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	674341		
101	8.8	5.1	7.7#	
100	7.6	4.9	7.3#	





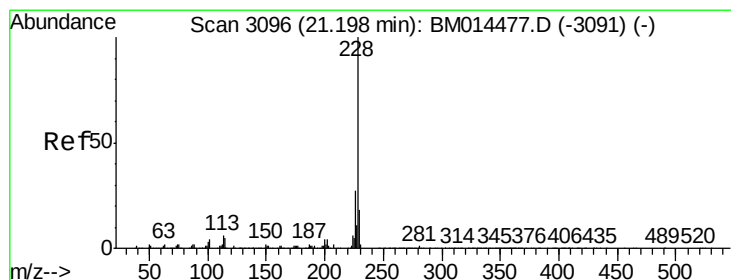
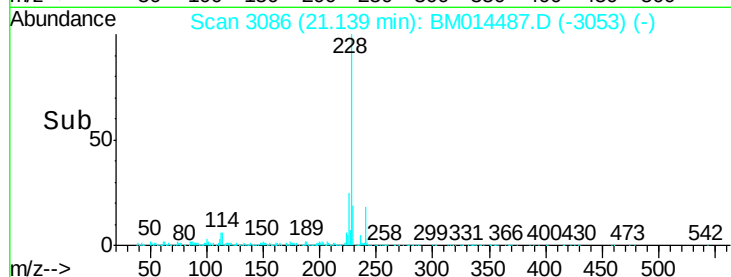
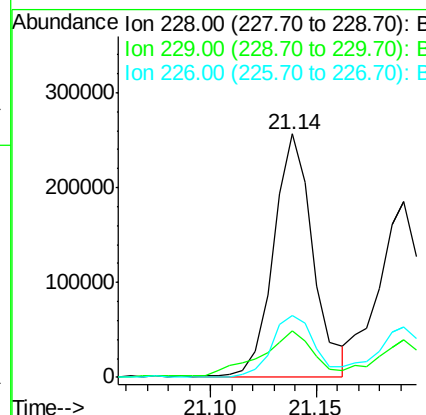
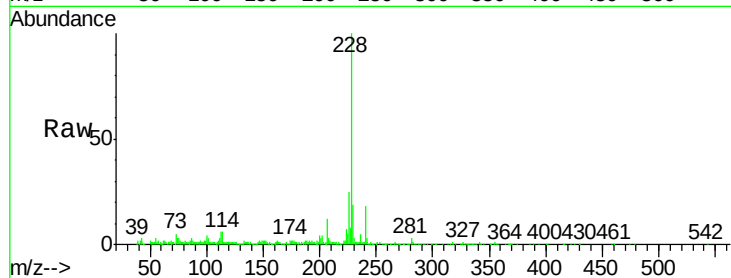
#80
Benzo(a)anthracene
Concen: 15.304 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM014487.D
Acq: 05 Mar 2018 23:47

Instrument :
BNA_M
ClientSampleId :
BE5Z4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.4	23.0
226	25.5	21.4	32.0

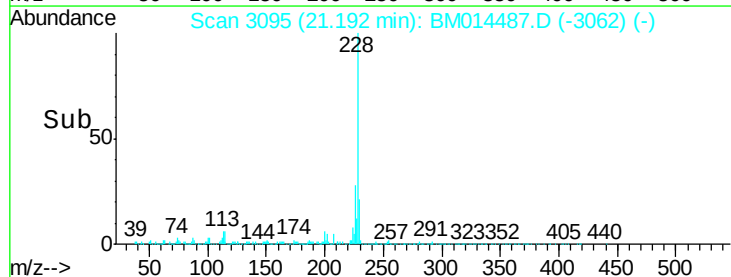
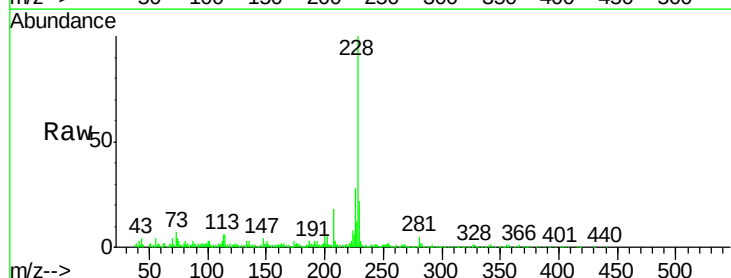
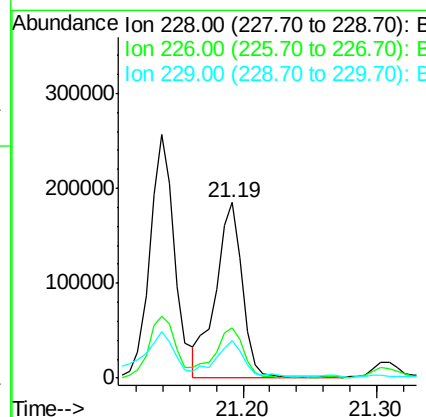
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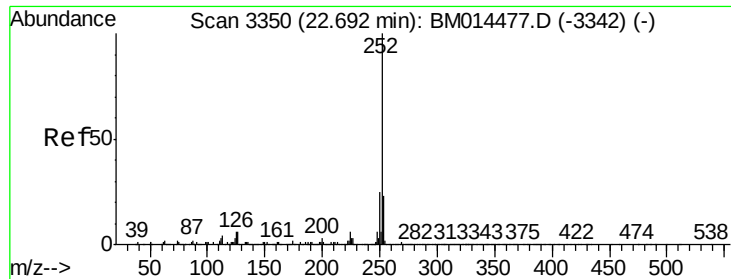
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#82
Chrysene
Concen: 12.825 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM014487.D
Acq: 05 Mar 2018 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	21.6	15.5	23.3





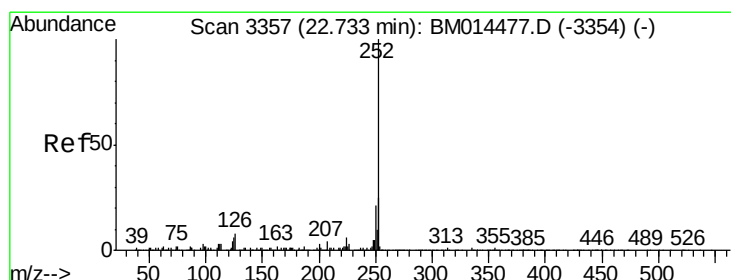
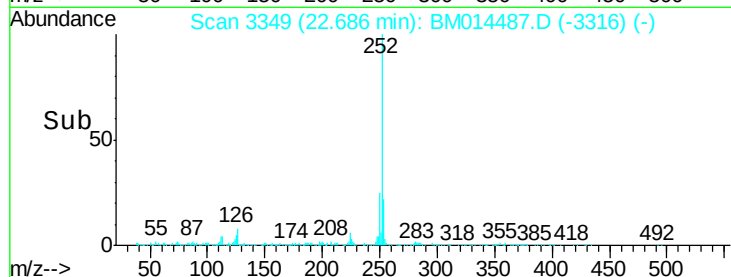
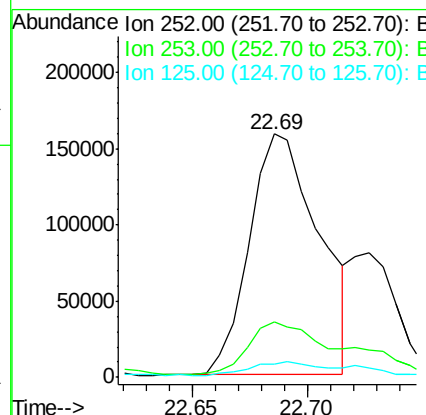
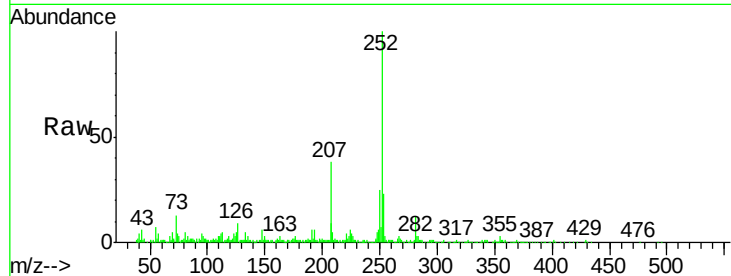
#85
Benzo(b)fluoranthene
Concen: 14.932 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM014487.D
Acq: 05 Mar 2018 23:47

Instrument :
BNA_M
ClientSampleId :
BE5Z4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	5.5	3.6	5.4

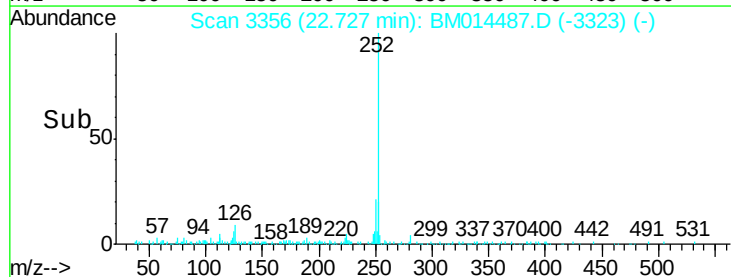
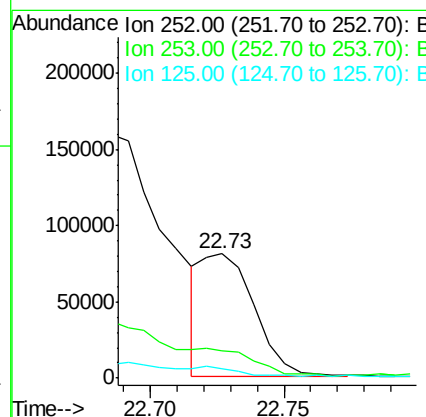
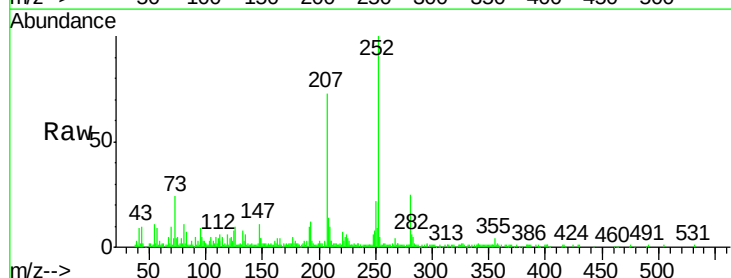
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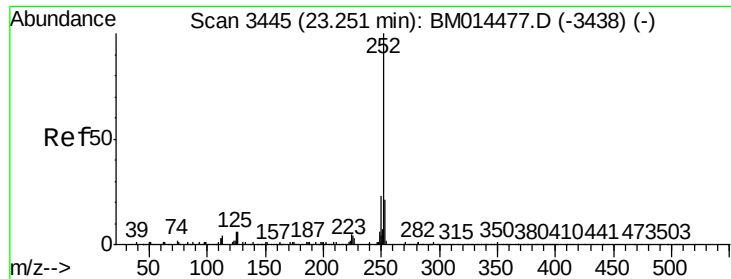
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#86
Benzo(k)fluoranthene
Concen: 5.228 ng/ul m
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM014487.D
Acq: 05 Mar 2018 23:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.0	3.4	5.2





#88

Benzo(a)pyrene

Concen: 12.477 ng/ul

RT: 23.24 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Instrument :

BNA_M

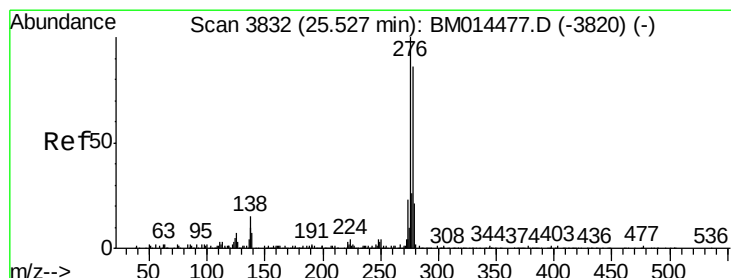
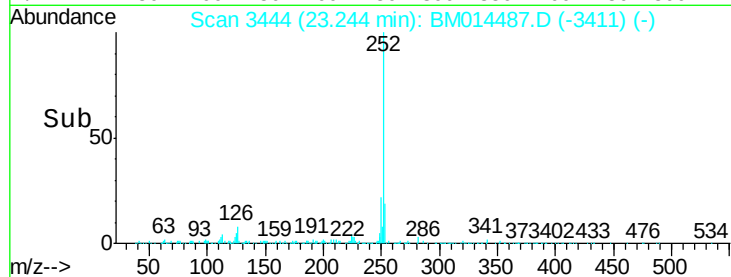
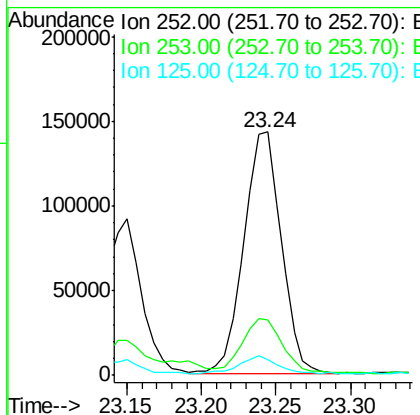
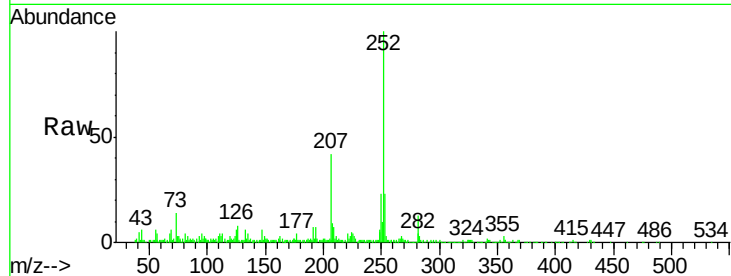
ClientSampleId :

BE5Z4DL

Tot Ion:	252	Resp:	247591
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	6.4	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 8.855 ng/ul

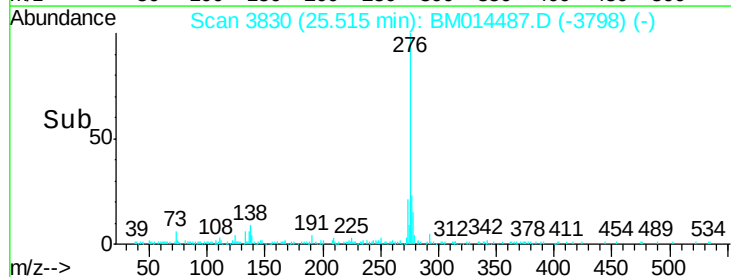
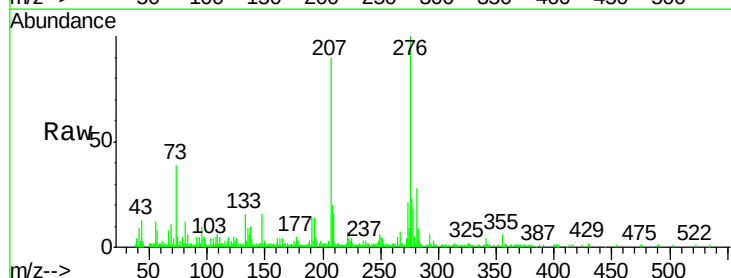
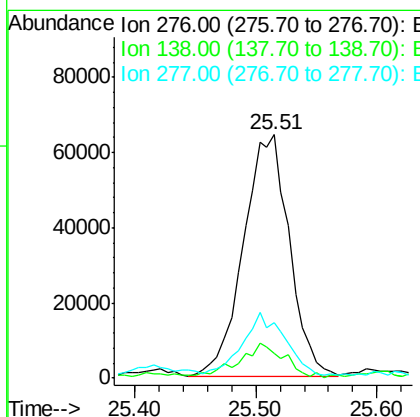
RT: 25.51 min Scan# 3830

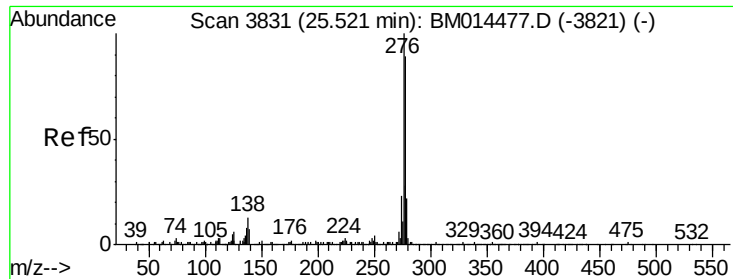
Delta R.T. -0.01 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Tgt Ion:	276	Resp:	170510
Ion Ratio	Lower	Upper	
276	100		
138	10.1	9.3	13.9
277	22.8	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 2.953 ng/ul

RT: 25.51 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Instrument :

BNA_M

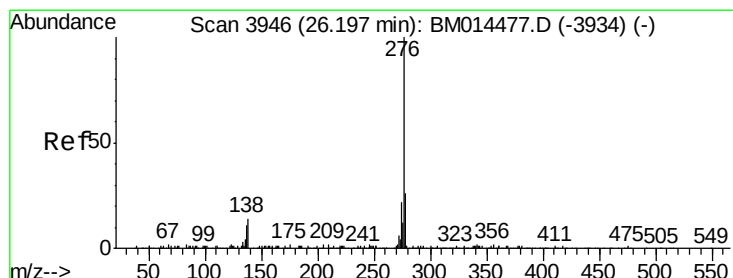
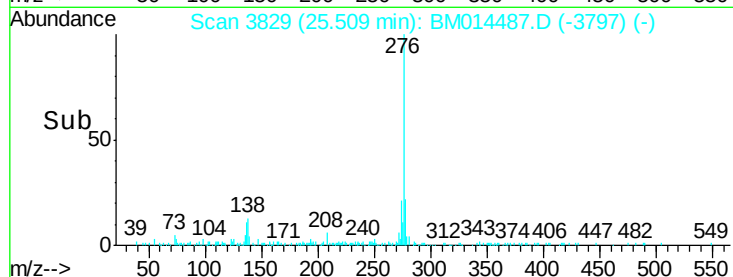
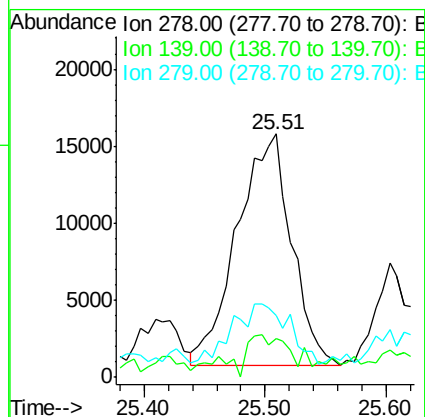
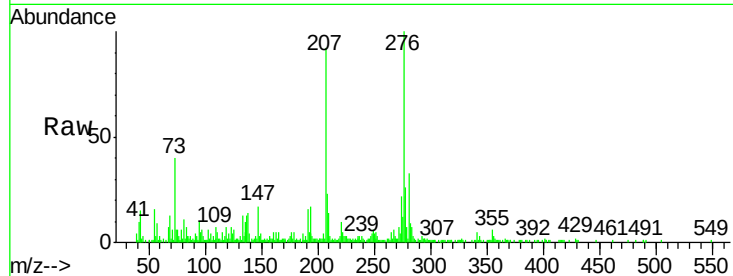
ClientSampleId :

BE5Z4DL

Tot Ion:	278	Resp:	47242
Ion Ratio	Lower	Upper	
278	100		
139	15.9	5.8	8.8#
279	25.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
3/6/2018 5:47:27 PM



#91

Benzo(g,h,i)perylene

Concen: 7.933 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. -0.02 min

Lab File: BM014487.D

Acq: 05 Mar 2018 23:47

Tgt Ion:	276	Resp:	123749
Ion Ratio	Lower	Upper	
276	100		
138	12.9	8.5	12.7#
277	21.2	18.6	28.0

