

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010482.D
 Acq On : 10 Jun 2017 13:10
 Operator : SJ/MA
 Sample : I3521-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C54

Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:40:35 PM

Quant Time: Jun 12 06:09:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 04:15:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	148912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	547234	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	379012	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	918498	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1307810	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1403946	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14894	4.10	ng/uL	0.00
5) Phenol-d5	7.08	99	233452	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	130371	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	206762	22.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	197236	21.66	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	96011	23.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	122475	26.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	242315	25.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	106015	11.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	841979	26.74	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	914986	24.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	98172	20.84	ng/ul	0.00
57) Fluorene-d10	15.52	176	721062	26.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	136890	21.04	ng/ul	0.00
70) Anthracene-d10	17.38	188	1185664	26.53	ng/ul	0.00
76) Pyrene-d10	19.67	212	1521804	28.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1677556	25.66	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.99	163	871693	28.147	ng/ul	100
69) Phenanthrene	17.32	178	245393	5.005	ng/ul	97
72) Carbazole	17.70	167	48123	1.111	ng/ul	98
74) Fluoranthene	19.33	202	511086	8.476	ng/ul	99
77) Pyrene	19.70	202	344766	5.116	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	109316	1.482	ng/ul	93
82) Chrysene	21.48	228	254419	3.816	ng/ul	91
85) Benzo(b)fluoranthene	23.07	252	318746	3.902	ng/ul#	93
86) Benzo(k)fluoranthene	23.11	252	132553m	1.698	ng/ul	
88) Benzo(a)pyrene	23.68	252	98018	1.210	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.16	276	125527	1.227	ng/ul	96
91) Benzo(g,h,i)perylene	26.91	276	96912m	1.150	ng/ul	

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

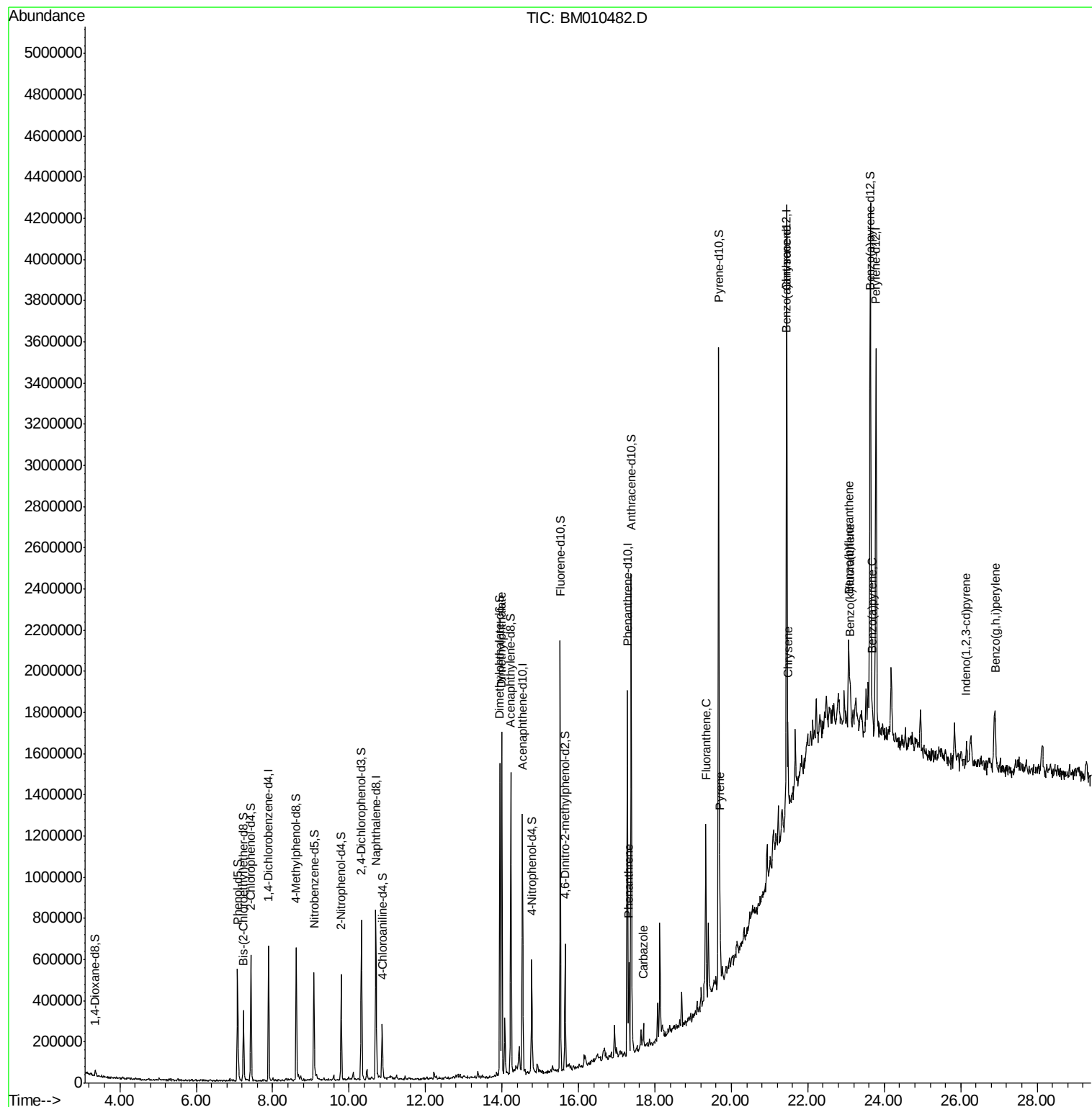
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010482.D
Acq On : 10 Jun 2017 13:10
Operator : SJ/MA
Sample : I3521-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

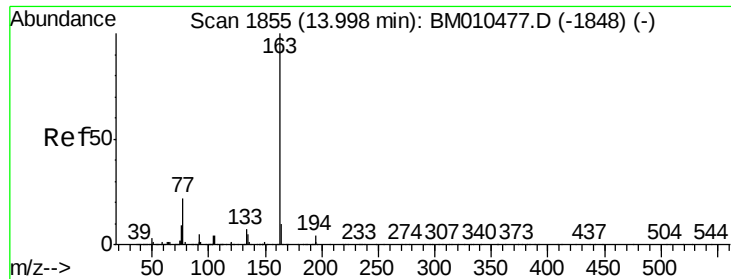
Instrument :
BNA_M
ClientSampleId :
F5C54

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Quant Time: Jun 12 06:09:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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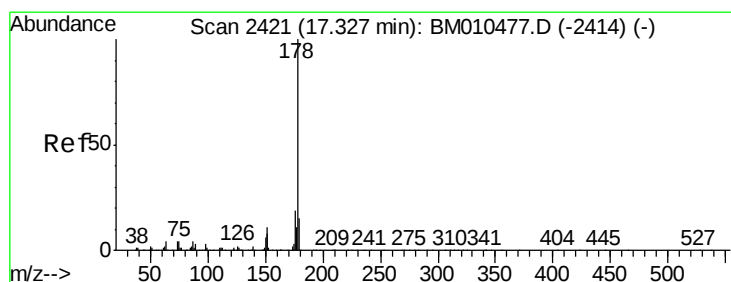
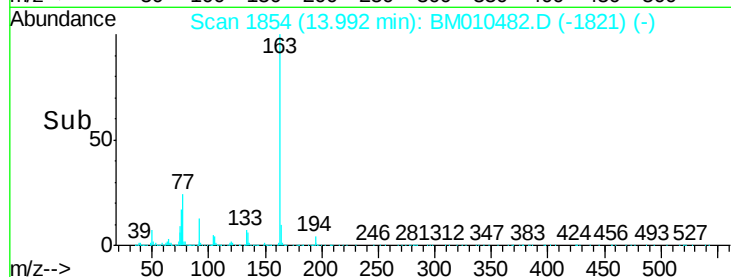
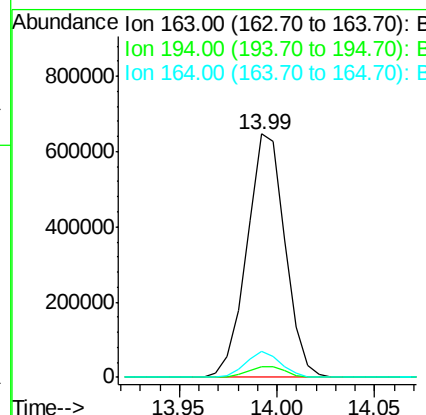
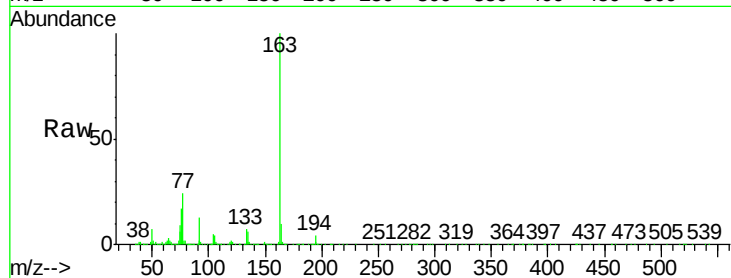
#44
Dimethylphthalate
Concen: 28.147 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM010482.D
Acq: 10 Jun 2017 13:10

Instrument :
BNA_M
ClientSampleId :
F5C54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.5	8.2	12.4

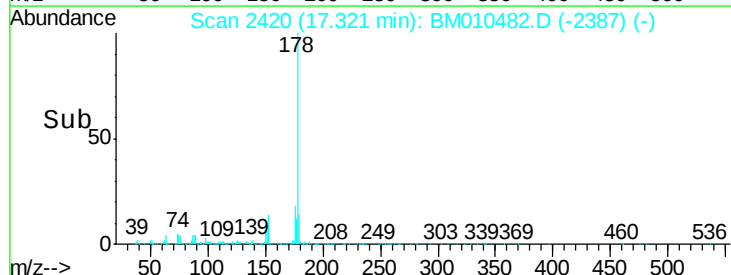
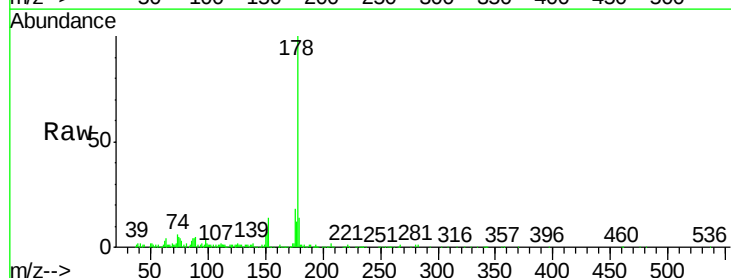
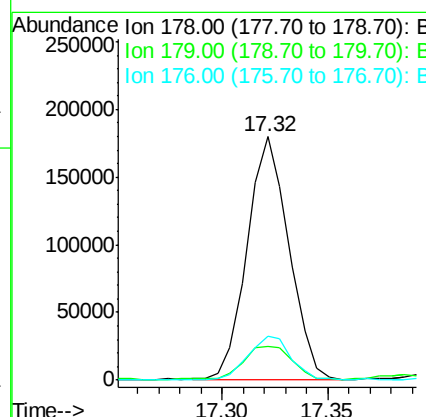
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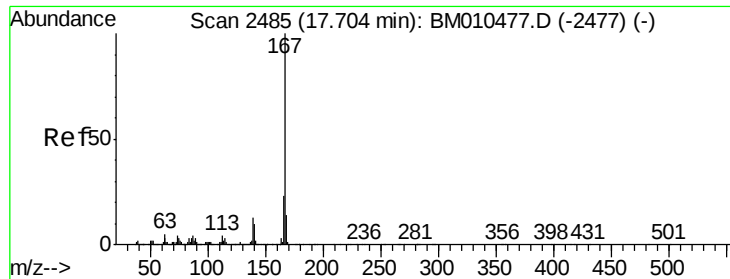
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#69
Phenanthrene
Concen: 5.005 ng/ul
RT: 17.32 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM010482.D
Acq: 10 Jun 2017 13:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.6	19.0
176	18.1	14.9	22.3





#72

Carbazole

Concen: 1.111 ng/ul

RT: 17.70 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

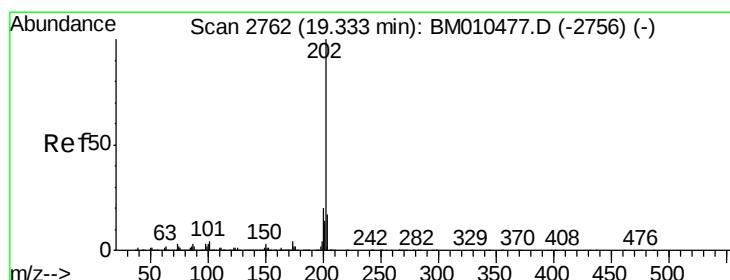
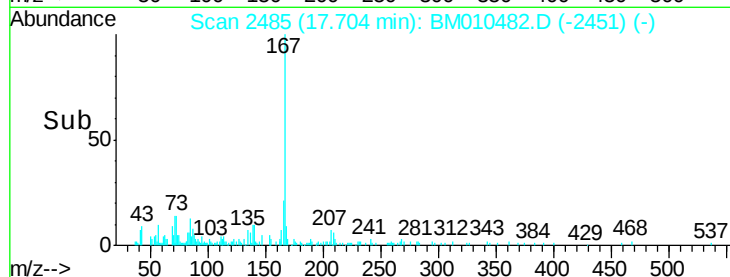
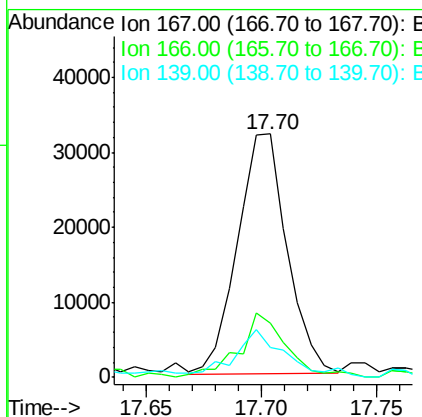
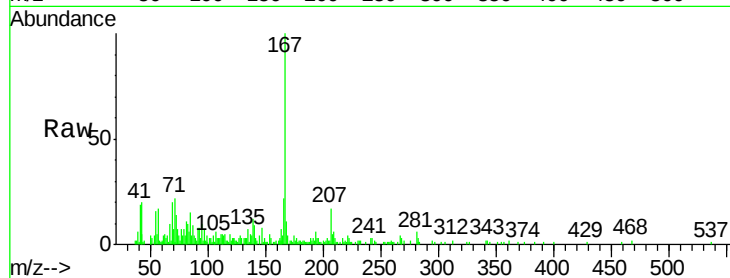
ClientSampleId :

F5C54

Tgt Ion:	167	Resp:	48123
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.1	25.7
139	12.1	10.0	15.0

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#74

Fluoranthene

Concen: 8.476 ng/ul

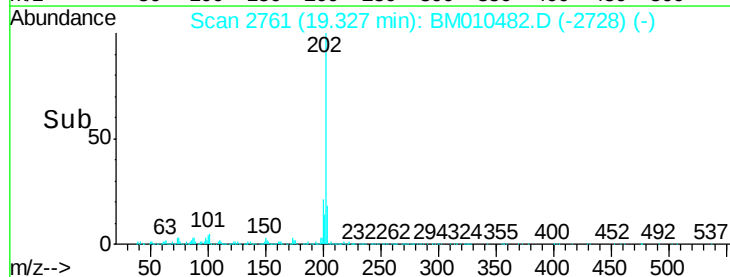
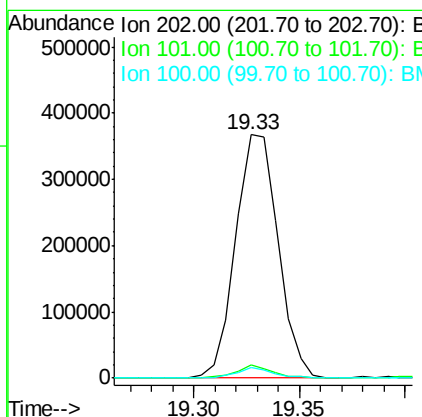
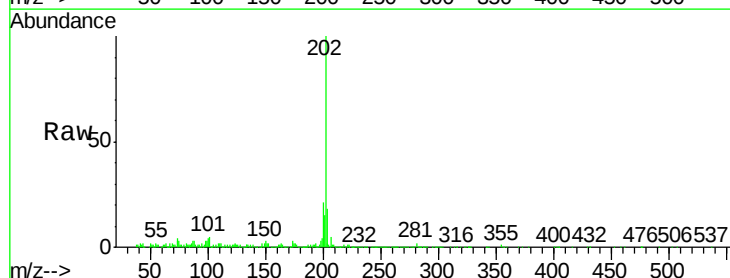
RT: 19.33 min Scan# 2761

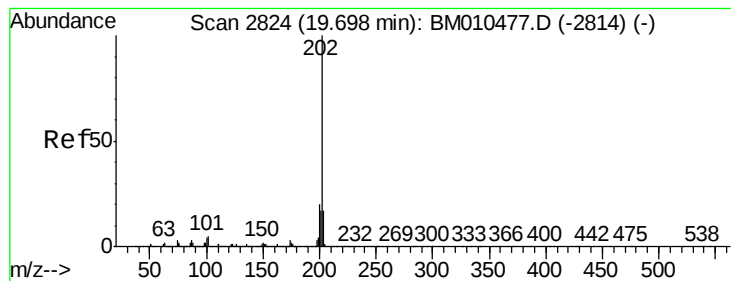
Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Tgt Ion:	202	Resp:	511086
Ion Ratio	Lower	Upper	
202	100		
101	5.4	4.6	7.0
100	4.1	3.4	5.2





#77

Pyrene

Concen: 5.116 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

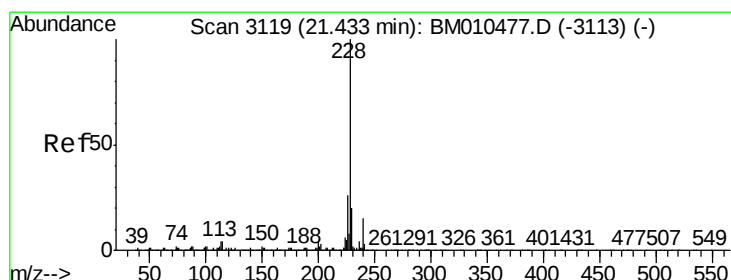
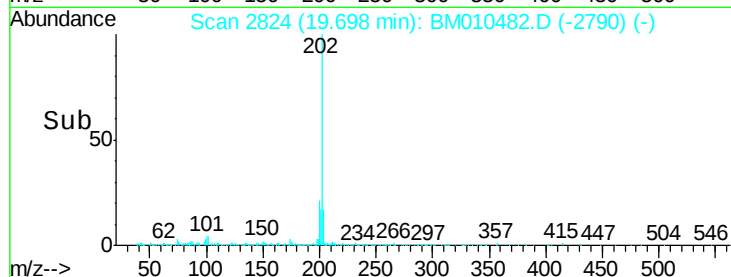
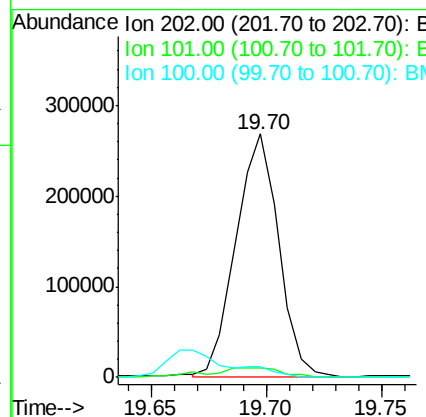
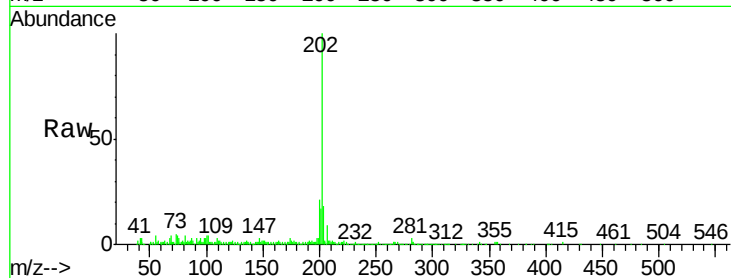
ClientSampleId :

F5C54

Tgt Ion:	202	Resp:	344766
Ion Ratio	Lower	Upper	
202	100		
101	3.9	5.1	7.7#
100	4.3	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 1.482 ng/ul

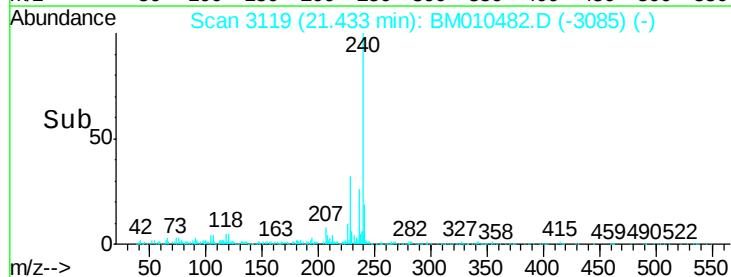
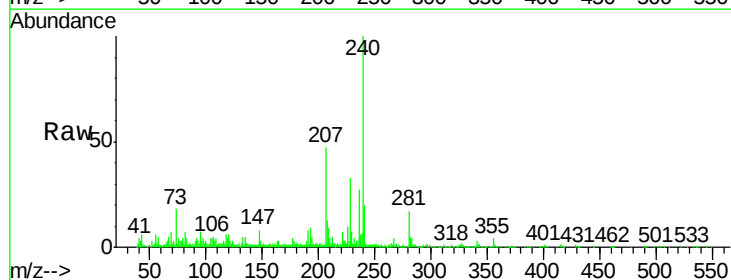
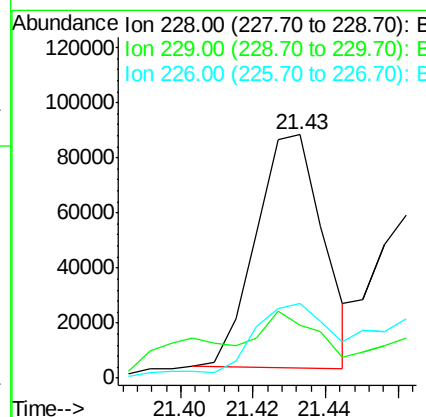
RT: 21.43 min Scan# 3119

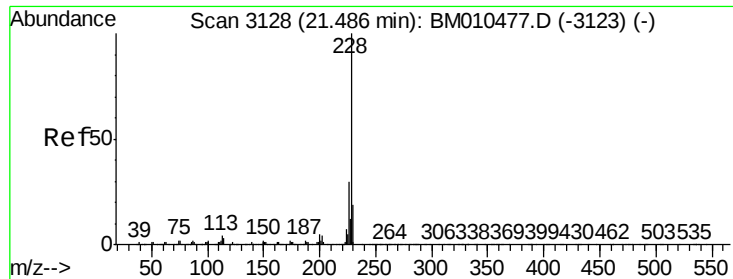
Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Tgt Ion:	228	Resp:	109316
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.4	23.0
226	30.8	21.4	32.0





#82

Chrysene

Concen: 3.816 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

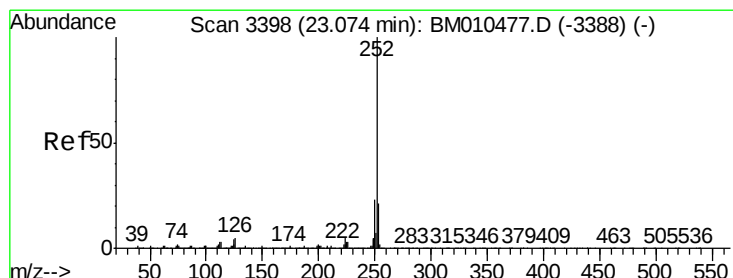
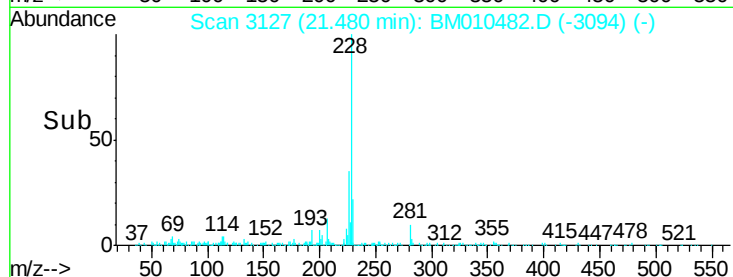
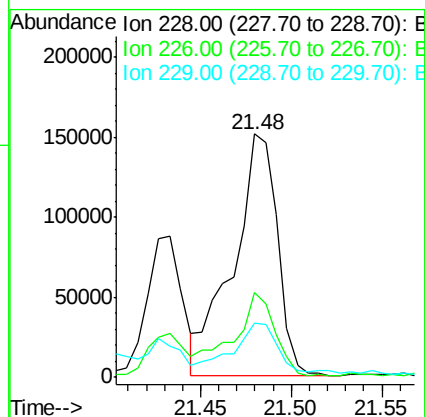
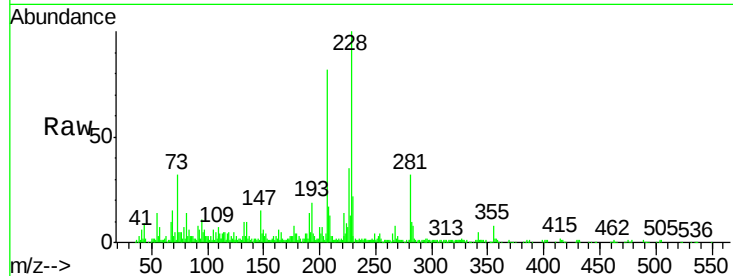
ClientSampleId :

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Tgt Ion:	228	Resp:	254419
Ion Ratio		Lower	Upper
228	100		
226	35.0	23.4	35.2
229	22.4	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 3.902 ng/ul

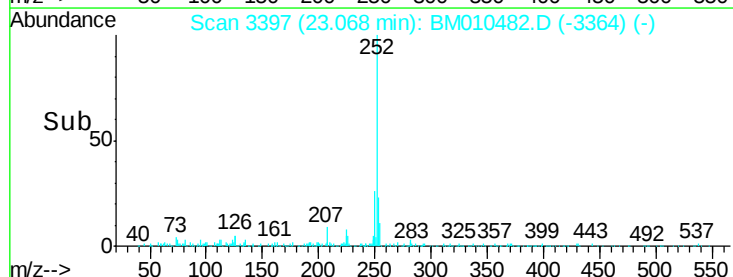
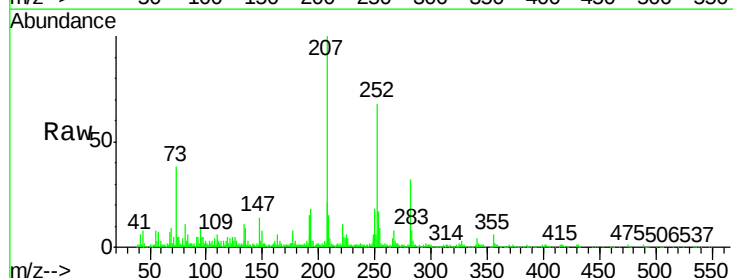
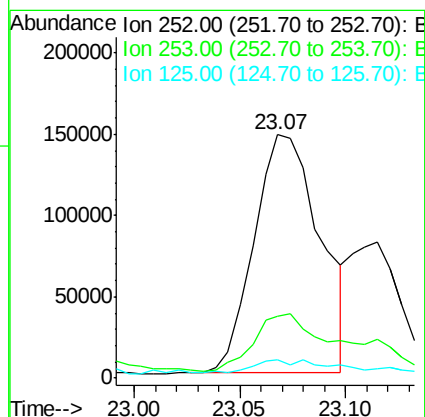
RT: 23.07 min Scan# 3397

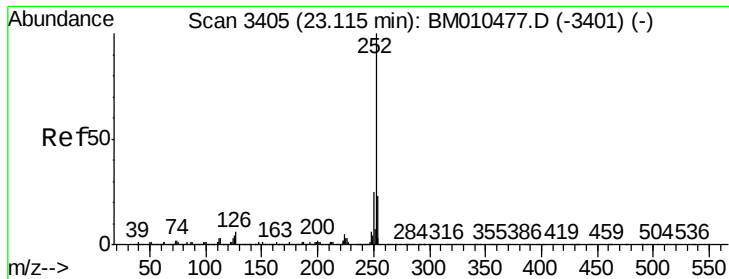
Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Tgt Ion:	252	Resp:	318746
Ion Ratio		Lower	Upper
252	100		
253	25.4	17.9	26.9
125	7.3	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 1.698 ng/ul m

RT: 23.11 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

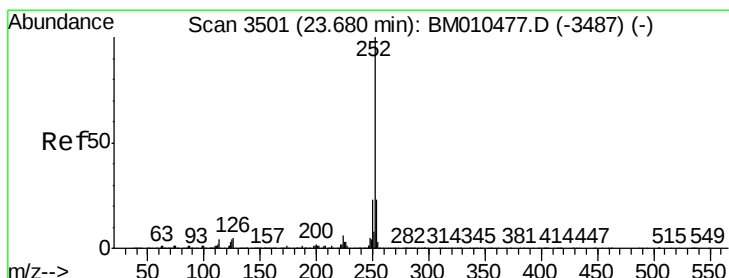
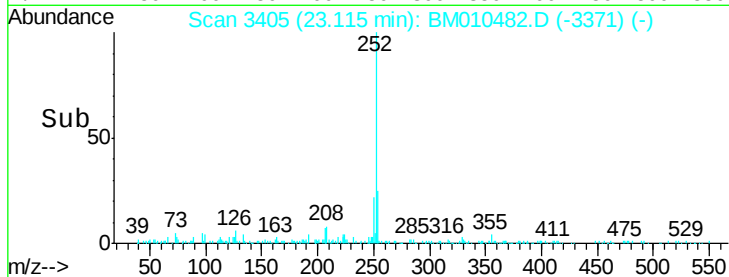
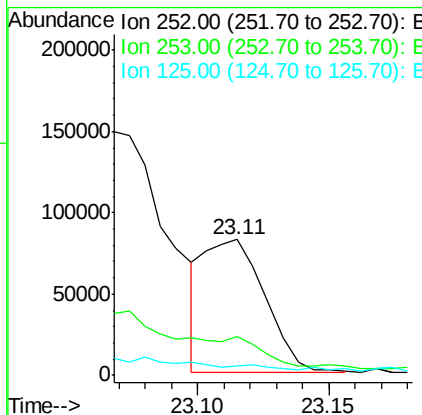
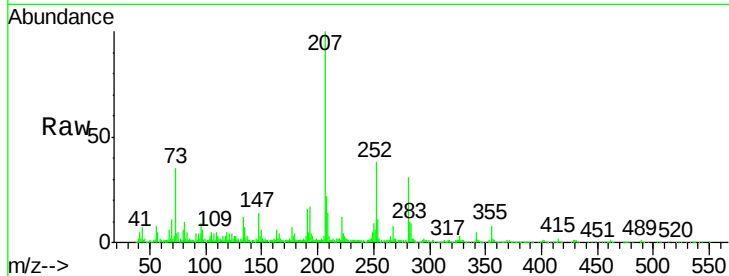
ClientSampleId :

F5C54

Tgt Ion:	252	Resp:	132553
Ion Ratio	Lower	Upper	
252	100		
253	28.5	17.1	25.7#
125	6.8	3.4	5.2#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.210 ng/ul

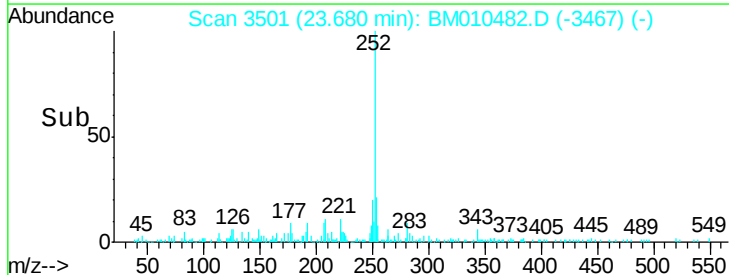
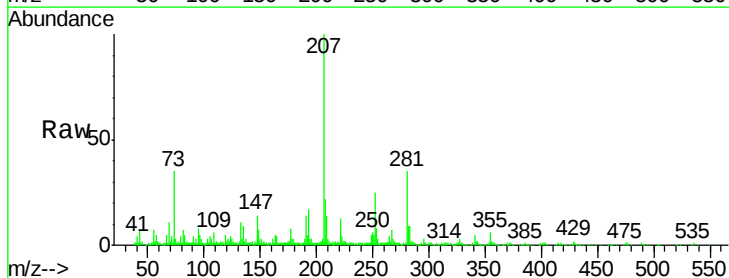
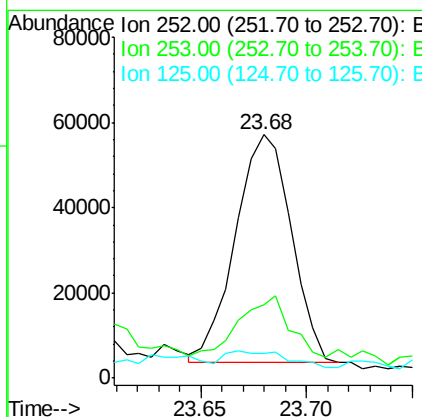
RT: 23.68 min Scan# 3501

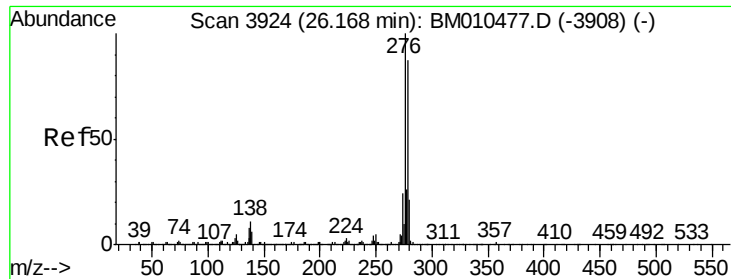
Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Tgt Ion:	252	Resp:	98018
Ion Ratio	Lower	Upper	
252	100		
253	30.4	18.2	27.2#
125	10.1	4.0	6.0#





#89

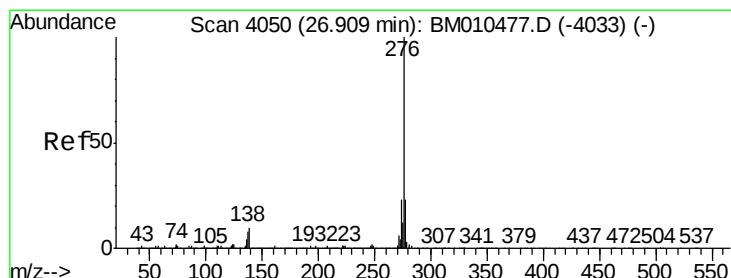
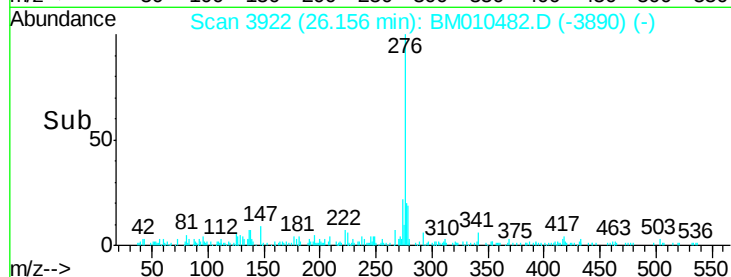
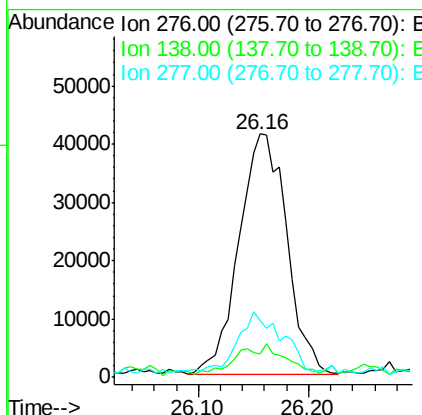
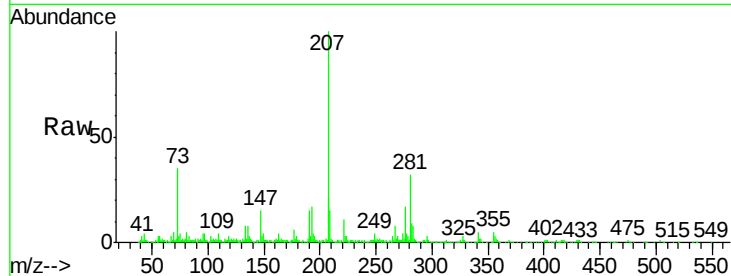
Indeno(1,2,3-cd)pyrene
Concen: 1.227 ng/ul
RT: 26.16 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BM010482.D
Acq: 10 Jun 2017 13:10

Instrument :
BNA_M
ClientSampled :
F5C54

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	9.8	9.3	13.9
277	23.2	19.9	29.9

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#91

Benzo(g,h,i)perylene
Concen: 1.150 ng/ul m
RT: 26.91 min Scan# 4050
Delta R.T. 0.00 min
Lab File: BM010482.D
Acq: 10 Jun 2017 13:10

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.3	8.5	12.7#
277	22.1	18.6	28.0

