

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013484.D
 Acq On : 16 Dec 2017 19:33
 Operator : SJ/JU
 Sample : I6776-17DL 25X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9A46DL

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:10:59 PM

Quant Time: Dec 18 03:45:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 03:13:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	205906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	905754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	514628	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1141659	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	957090	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	797974	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.85	99	19327	1.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	11422	1.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	15580	1.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	16735	1.10	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	8386	1.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	8350	1.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	14254	0.90	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	7883m	0.54	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	55870	1.22	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	75212	1.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	4028m	0.51	ng/ul	0.03
57) Fluorene-d10	15.32	176	50276	1.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	2103	0.29	ng/ul	0.01
70) Anthracene-d10	17.16	188	80196	1.40	ng/ul	0.00
76) Pyrene-d10	19.46	212	83221	1.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	58554	1.44	ng/ul	0.00

Target Compounds

					Qvalue	
47) Acenaphthylene	14.04	152	133105	2.545	ng/ul	97
71) Anthracene	17.20	178	193493	2.919	ng/ul	97
74) Fluoranthene	19.13	202	618865	7.786	ng/ul#	91
77) Pyrene	19.49	202	2237074	38.473	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	447439	7.368	ng/ul	99
82) Chrysene	21.29	228	1419086	25.189	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	1756375	32.651	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	547328	10.812	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	641816	13.282	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.70	276	349986	7.300	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.71	278	92248	2.260	ng/ul#	90
91) Benzo(g,h,i)perylene	26.39	276	267594	7.076	ng/ul#	93

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

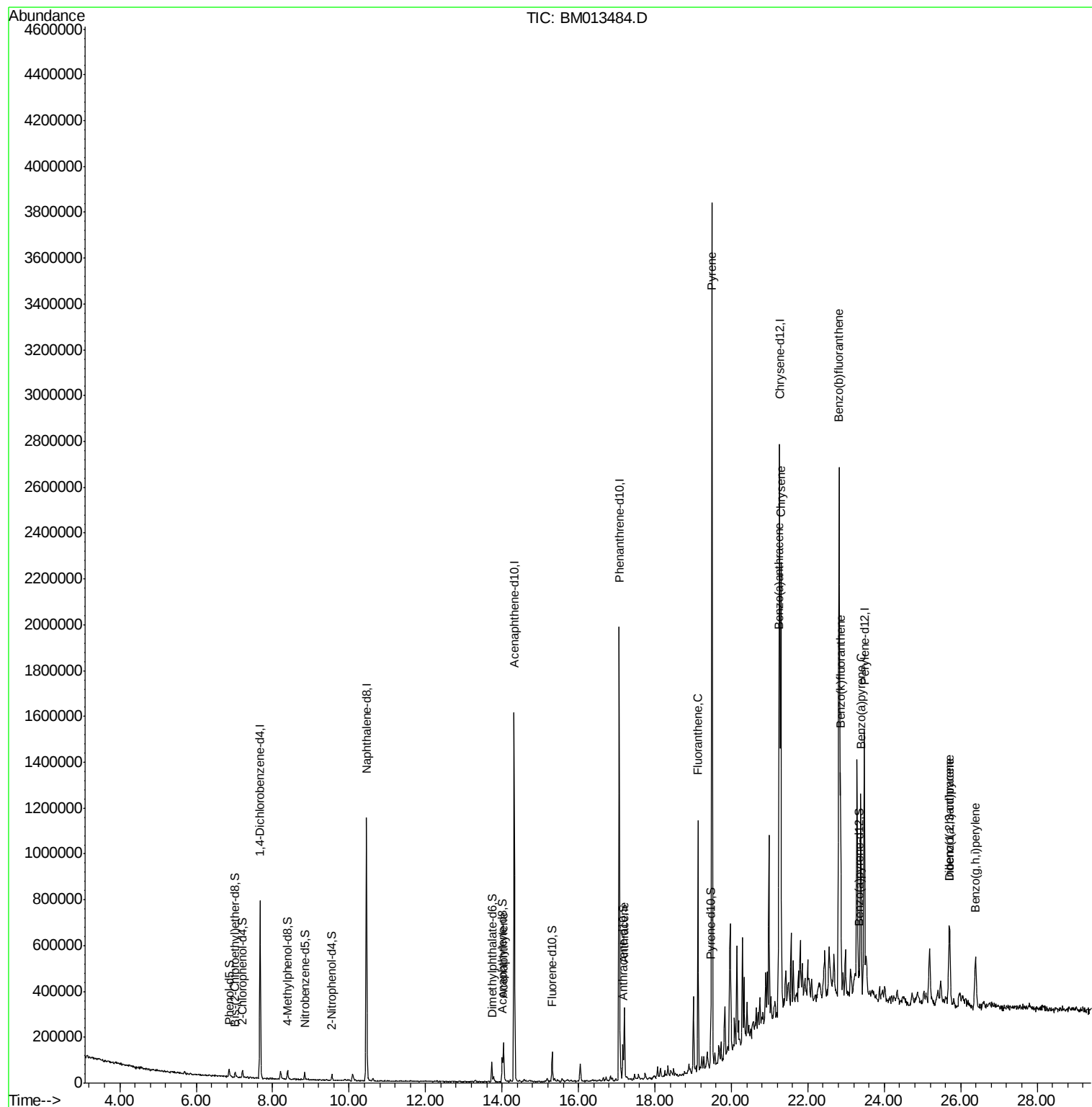
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013484.D
Acq On : 16 Dec 2017 19:33
Operator : SJ/JU
Sample : I6776-17DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

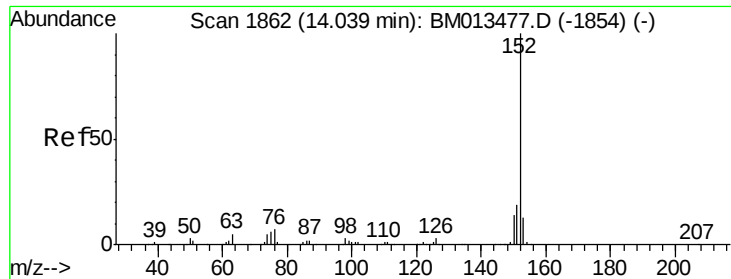
Instrument :
BNA_M
ClientSampleId :
F9A46DL

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Quant Time: Dec 18 03:45:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration





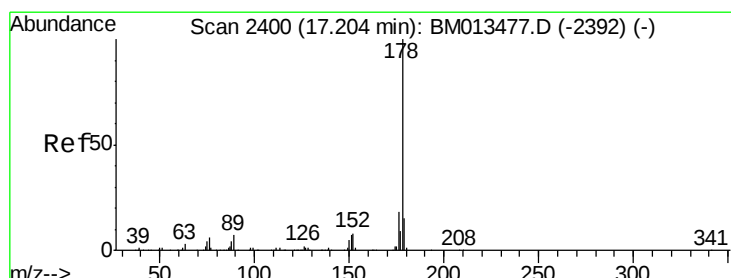
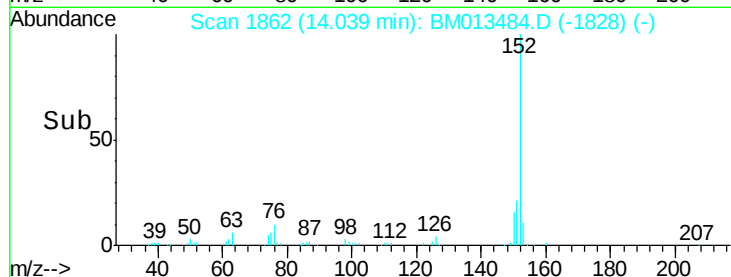
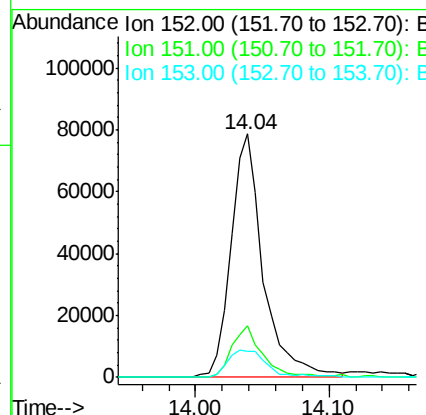
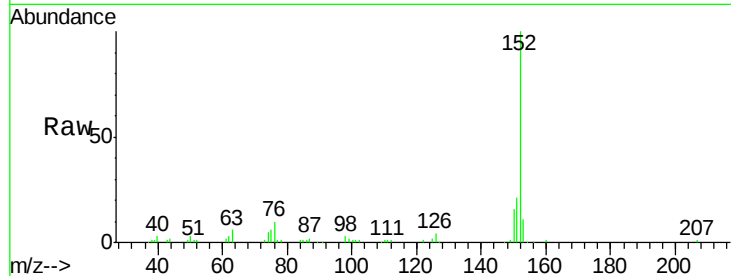
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Acenaphthylene
Concen: 2.545 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013484.D
Acq: 16 Dec 2017 19:33

Instrument :
BNA_M
ClientSampled :
F9A46DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	10.8	10.2	15.4

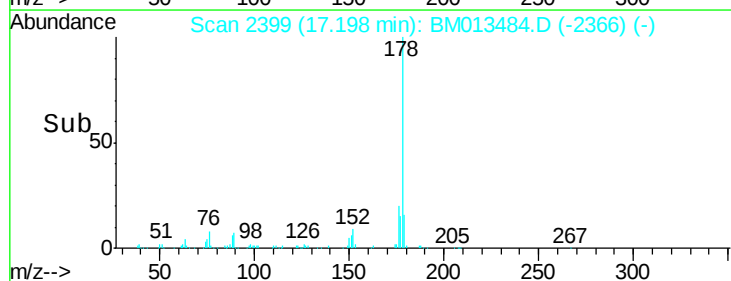
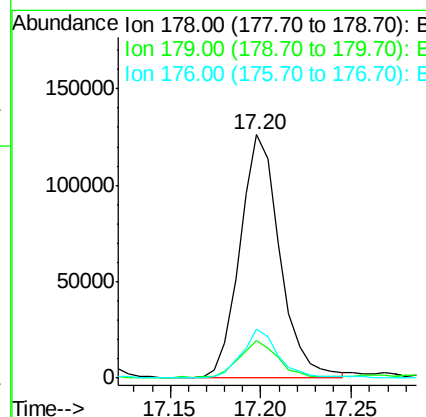
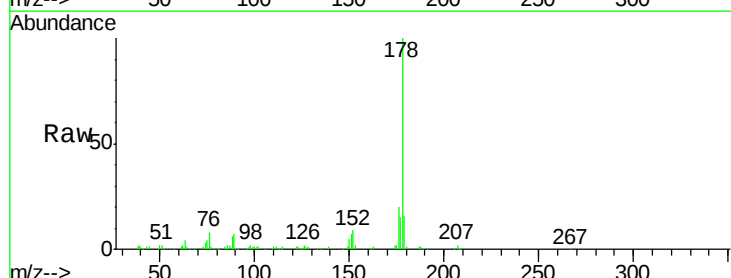
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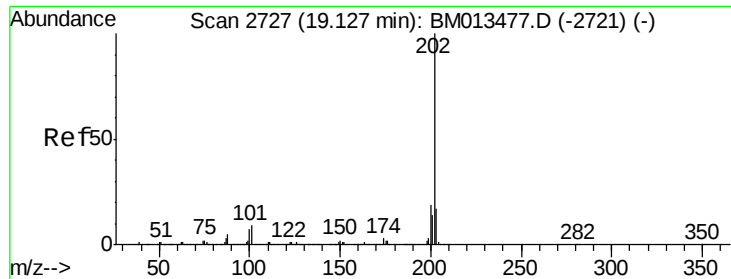
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#71
Anthracene
Concen: 2.919 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013484.D
Acq: 16 Dec 2017 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	20.0	14.6	21.8





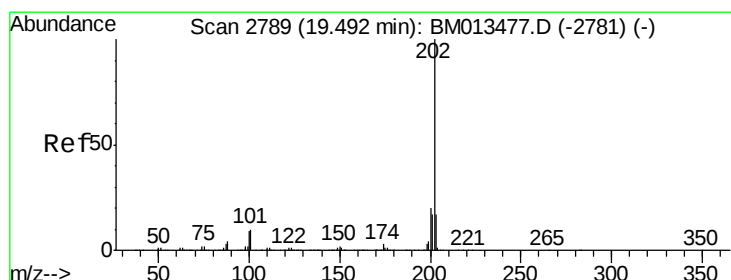
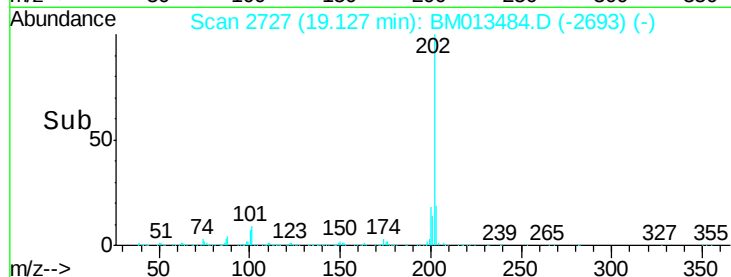
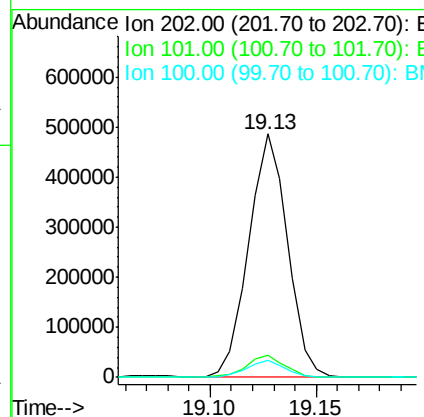
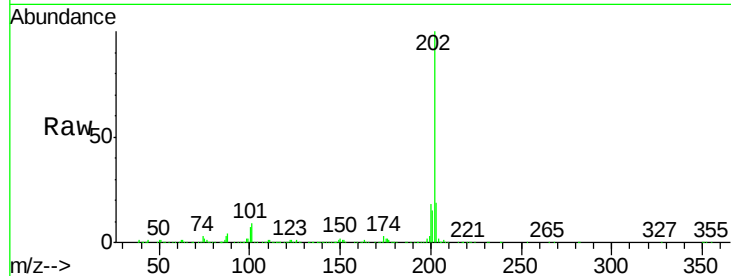
#74
 Fluoranthene
 Concen: 7.786 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013484.D
 Acq: 16 Dec 2017 19:33

Instrument :
 BNA_M
 ClientSampleId :
 F9A46DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	4.6	7.0#
100	6.9	3.4	5.2#

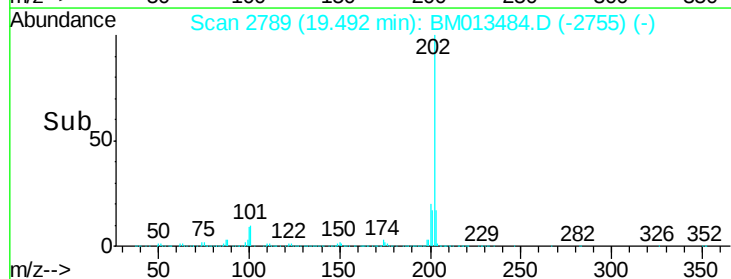
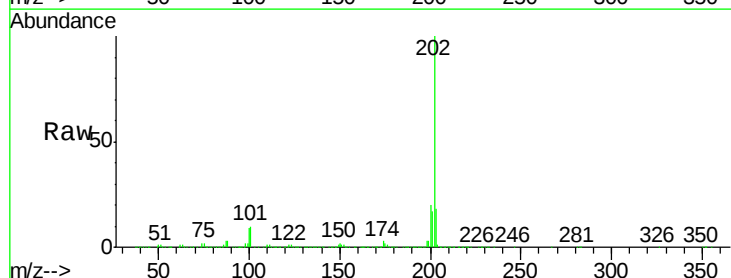
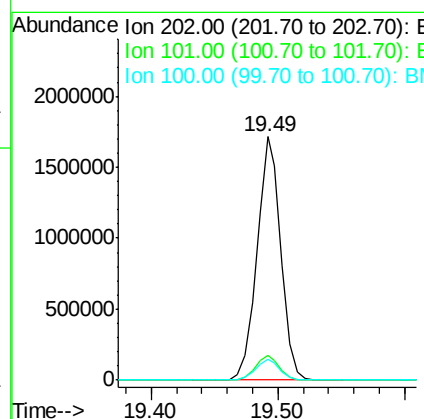
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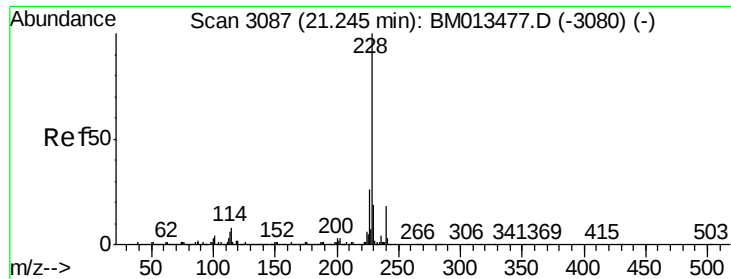
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#77
 Pyrene
 Concen: 38.473 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BM013484.D
 Acq: 16 Dec 2017 19:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	5.1	7.7#
100	8.6	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 7.368 ng/ul

RT: 21.24 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM013484.D

Acq: 16 Dec 2017 19:33

Instrument :

BNA_M

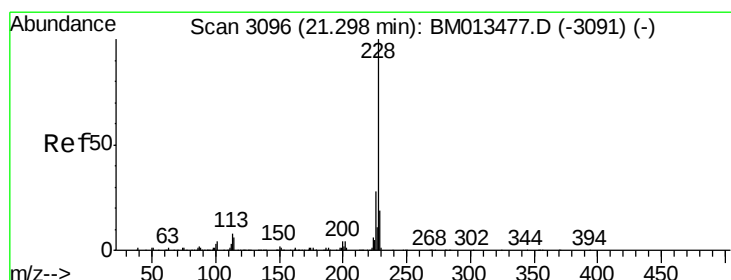
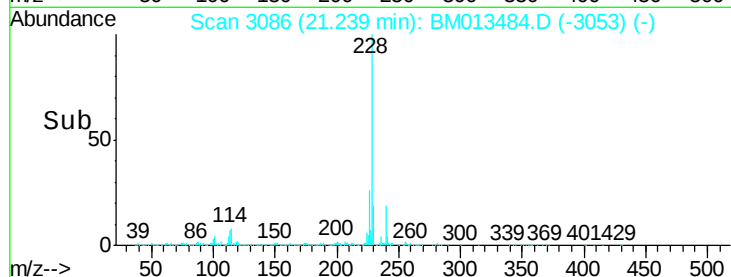
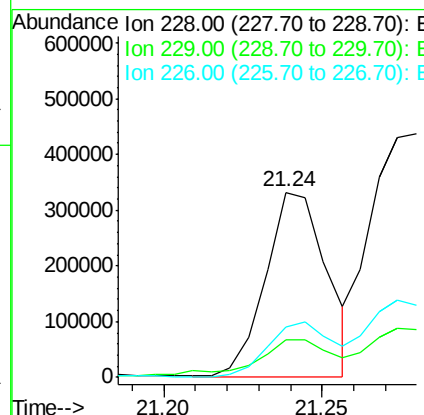
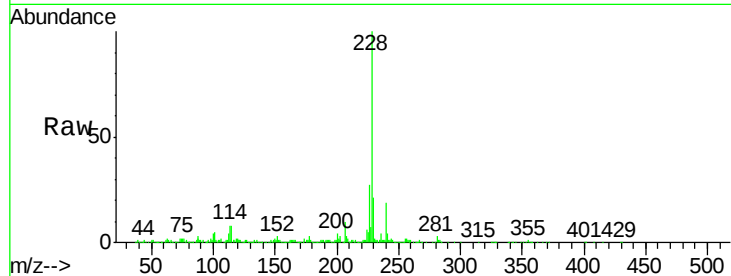
ClientSampled :

F9A46DL

Tgt Ion:	228	Resp:	447439
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.4	23.0
226	26.9	21.4	32.0

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#82

Chrysene

Concen: 25.189 ng/ul

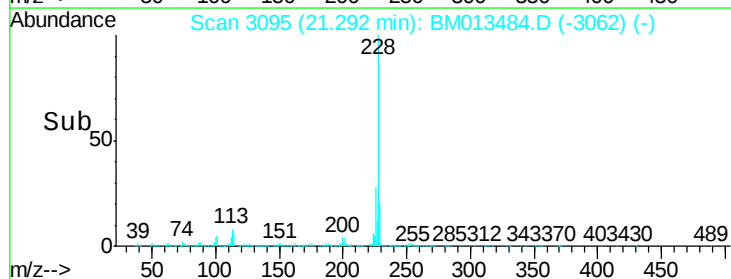
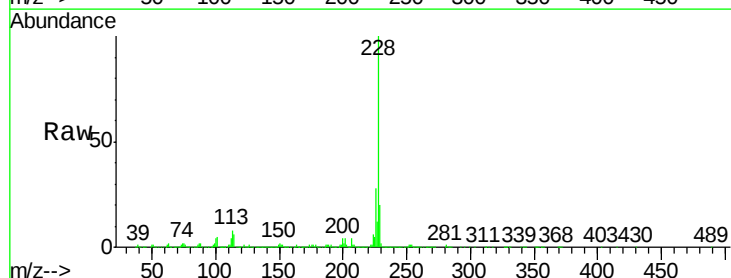
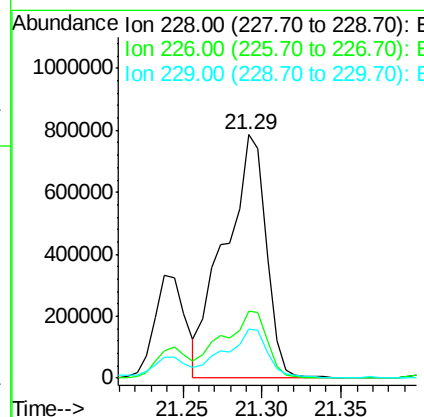
RT: 21.29 min Scan# 3095

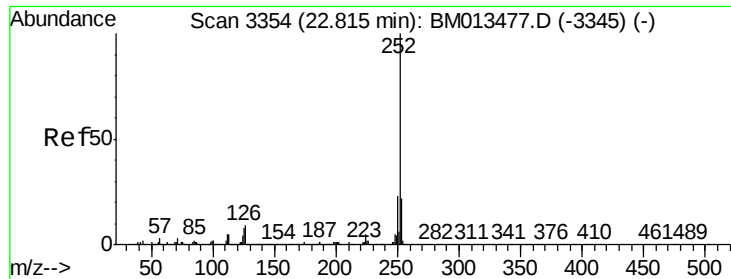
Delta R.T. -0.01 min

Lab File: BM013484.D

Acq: 16 Dec 2017 19:33

Tgt Ion:	228	Resp:	1419086
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.4	35.2
229	20.0	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 32.651 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013484.D

Acq: 16 Dec 2017 19:33

Instrument :

BNA_M

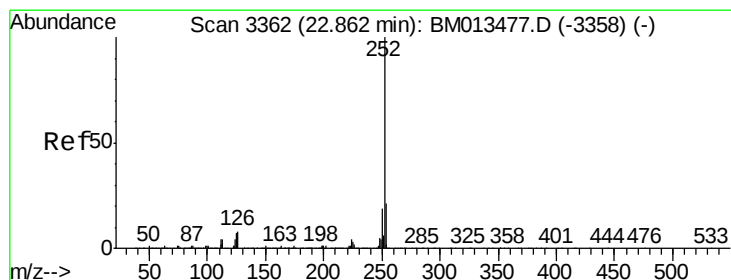
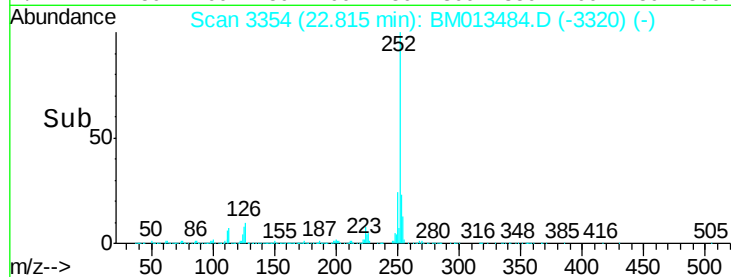
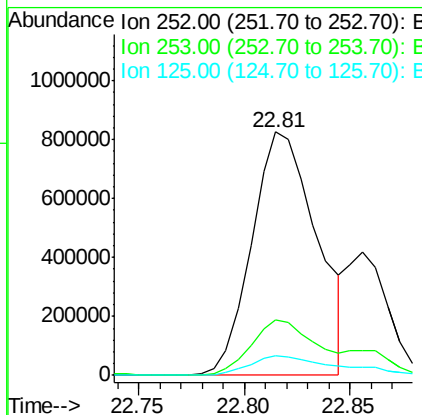
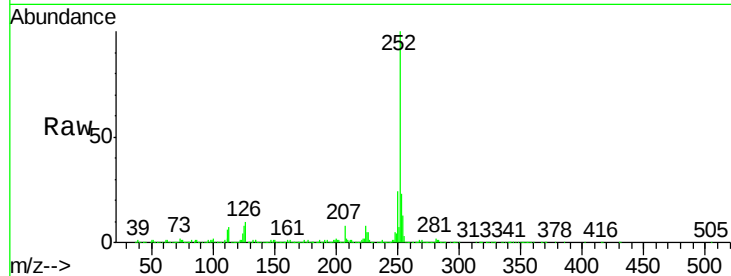
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	7.9	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 10.812 ng/ul

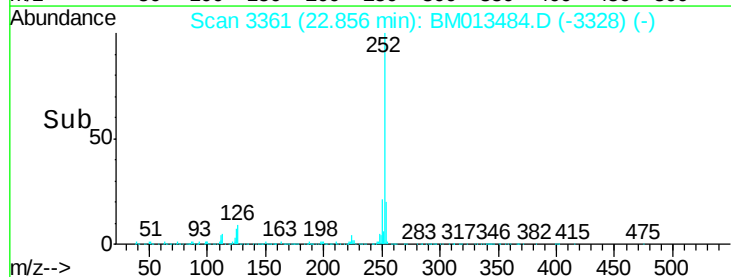
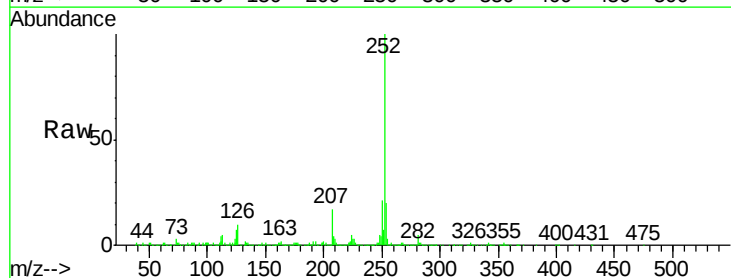
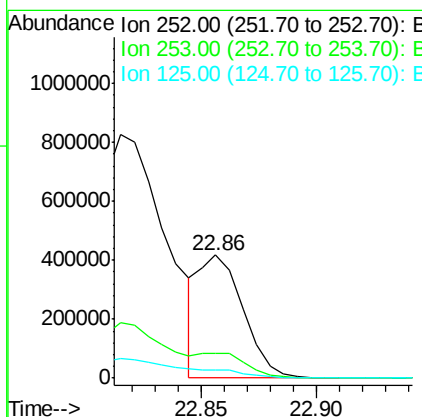
RT: 22.86 min Scan# 3361

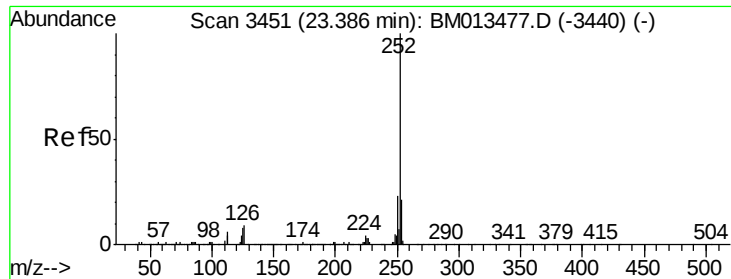
Delta R.T. -0.01 min

Lab File: BM013484.D

Acq: 16 Dec 2017 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.1	25.7
125	6.8	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 13.282 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM013484.D

Acq: 16 Dec 2017 19:33

Instrument :

BNA_M

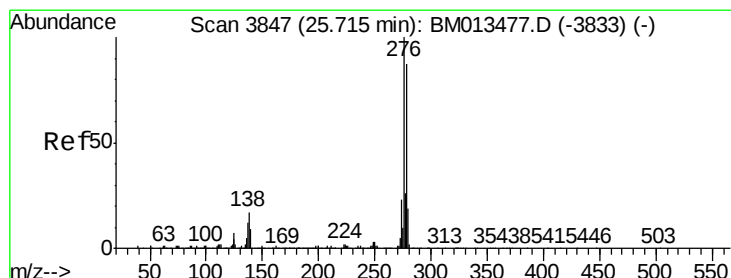
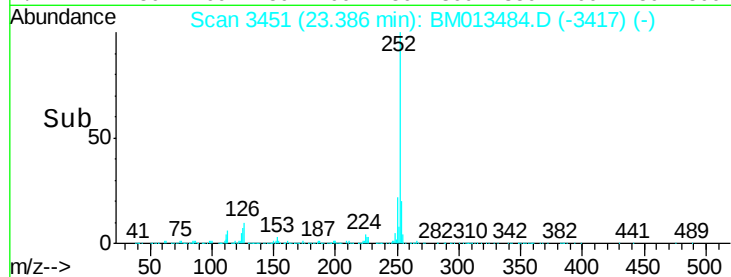
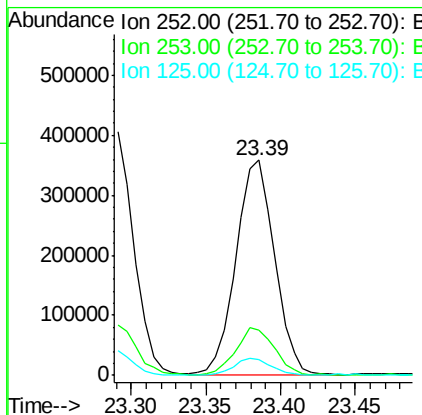
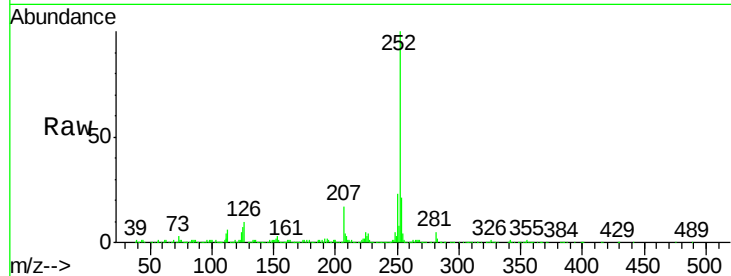
ClientSampled :

F9A46DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	641816		
253	21.0	18.2	27.2	
125	7.3	4.0	6.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 7.300 ng/ul

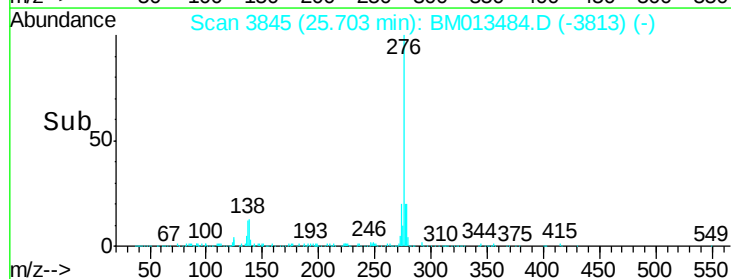
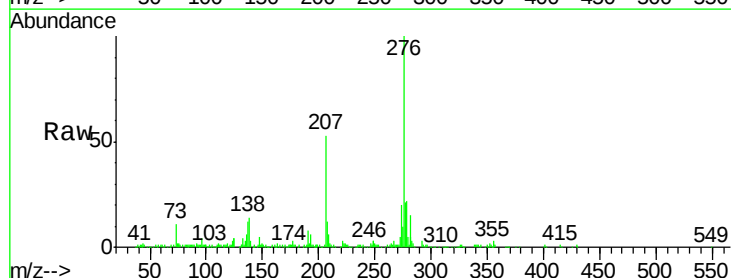
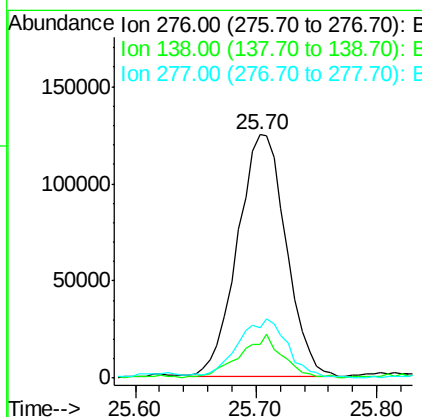
RT: 25.70 min Scan# 3845

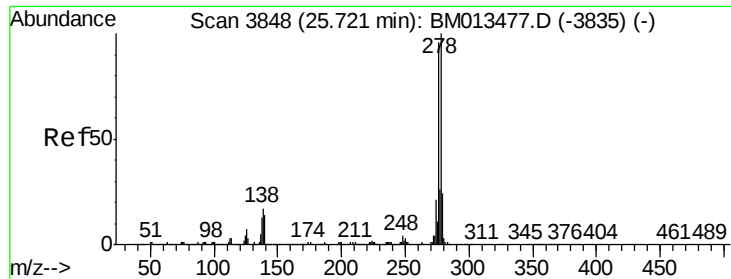
Delta R.T. -0.01 min

Lab File: BM013484.D

Acq: 16 Dec 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
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138	14.1	9.3	13.9	
277	20.6	19.9	29.9	





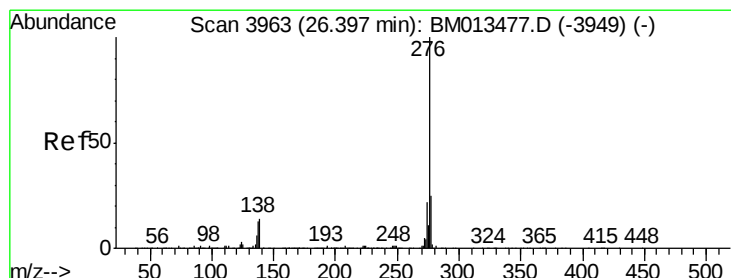
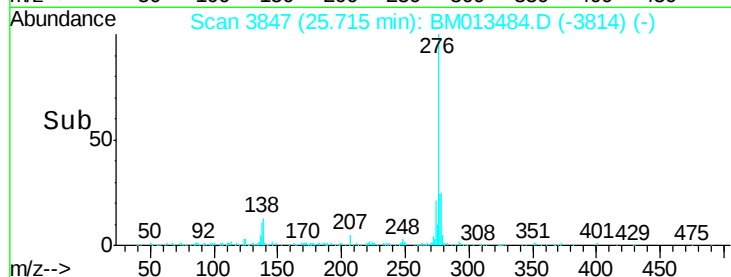
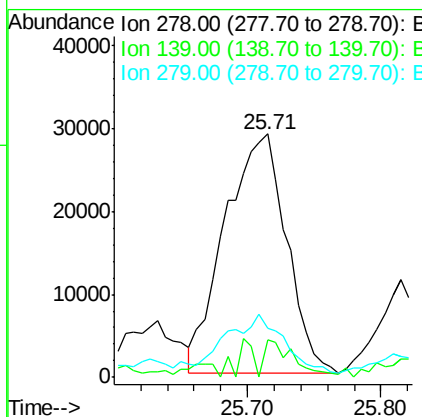
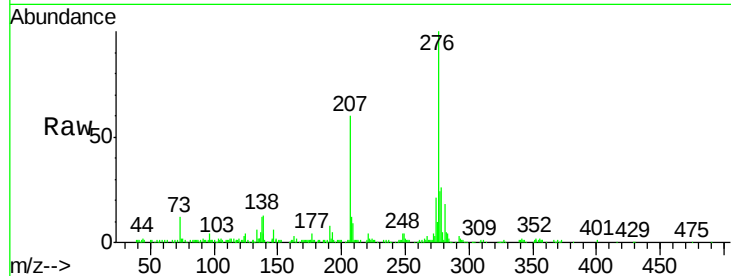
#90
Dibenzo(a,h)anthracene
Concen: 2.260 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013484.D
Acq: 16 Dec 2017 19:33

Instrument :
BNA_M
ClientSampleId :
F9A46DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	5.8	8.8#
279	20.2	18.6	27.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.076 ng/ul
RT: 26.39 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM013484.D
Acq: 16 Dec 2017 19:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	8.5	12.7#
277	23.7	18.6	28.0

