

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013352.D
 Acq On : 12 Dec 2017 23:00
 Operator : SJ/JU
 Sample : I6776-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A54

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:49 PM

Quant Time: Dec 13 04:01:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	184263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	795975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	487314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1198638	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1403380	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1240359	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	17350m	4.66	ng/uL	0.00
5) Phenol-d5	6.86	99	357355	22.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	216185	23.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	294788	23.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	300420	22.06	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	160055	25.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	169432	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	318412	22.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	343560	26.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1096255	25.28	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1359502	25.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	155214	20.60	ng/ul	0.00
57) Fluorene-d10	15.32	176	928074	24.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	132957	17.63	ng/ul	0.00
70) Anthracene-d10	17.17	188	1489857	24.82	ng/ul	0.00
76) Pyrene-d10	19.47	212	1784488	25.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1616673	25.59	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.89	94	71291	4.524	ng/ul#	79
44) Dimethylphthalate	13.79	163	162702	3.923	ng/ul	98
74) Fluoranthene	19.14	202	251653	3.016	ng/ul#	95
77) Pyrene	19.50	202	567781	6.659	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	150431	1.689	ng/ul	96
82) Chrysene	21.30	228	194081m	2.349	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	365732	4.374	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	104103m	1.323	ng/ul	
88) Benzo(a)pyrene	23.40	252	148903	1.982	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.72	276	110598	1.484	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	87940	1.496	ng/ul	99

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

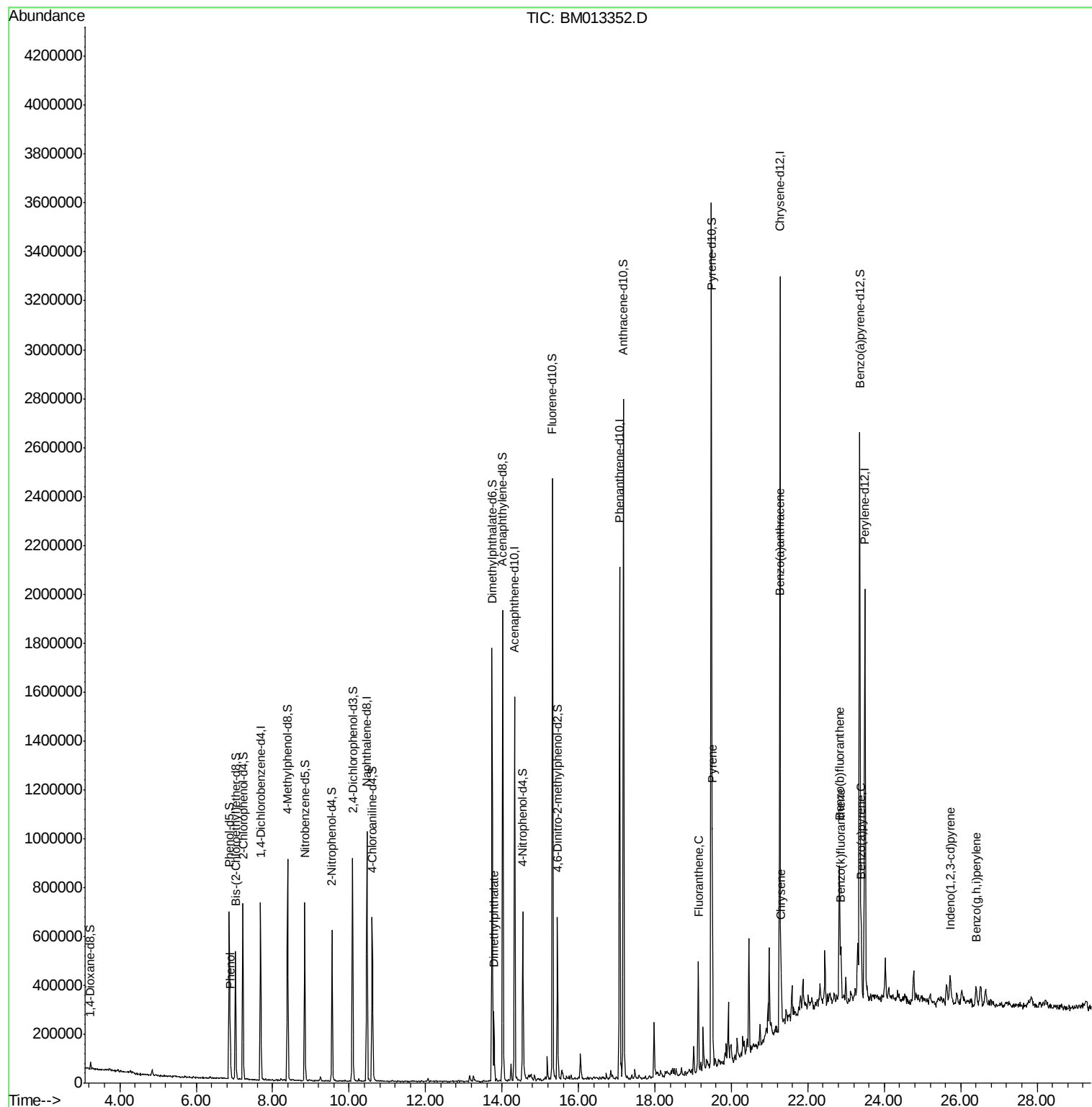
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013352.D
Acq On : 12 Dec 2017 23:00
Operator : SJ/JU
Sample : I6776-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

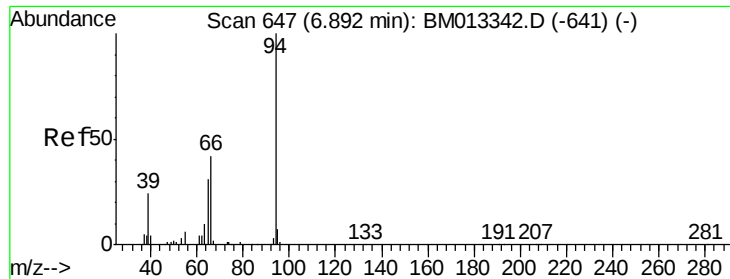
Instrument :
BNA_M
ClientSampled :
F9A54

Manual Integrations
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Quant Time: Dec 13 04:01:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.524 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Instrument :

BNA_M

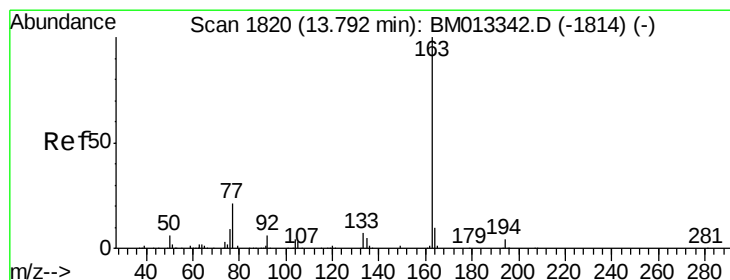
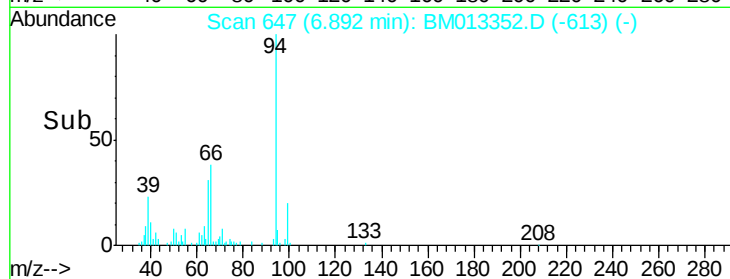
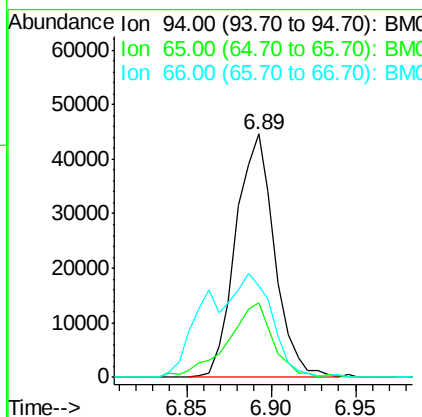
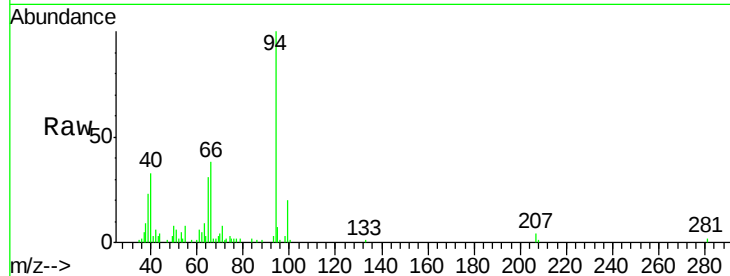
ClientSampled :

F9A54

Tot Ion:	94	Resp:	71291
Ion Ratio	Lower	Upper	
94	100		
65	30.5	28.2	42.4
66	37.7	47.2	70.8#

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#44

Dimethylphthalate

Concen: 3.923 ng/ul

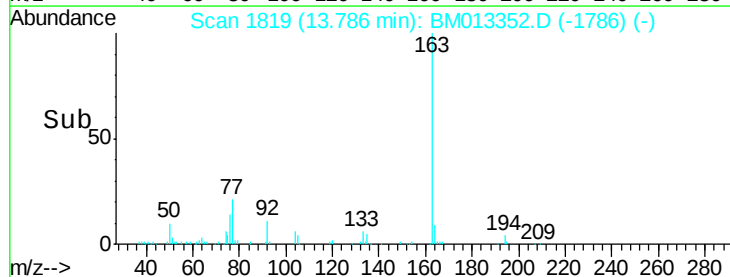
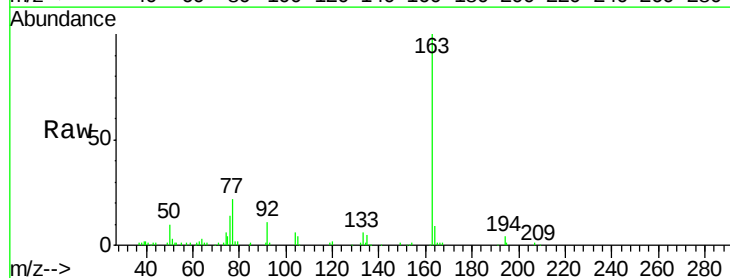
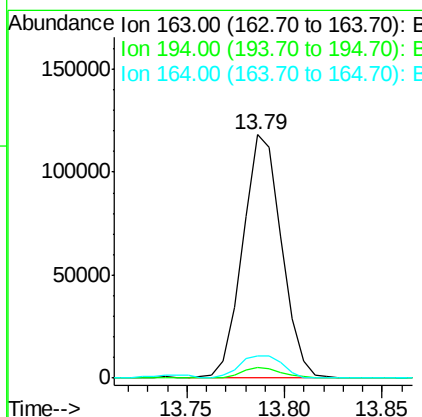
RT: 13.79 min Scan# 1819

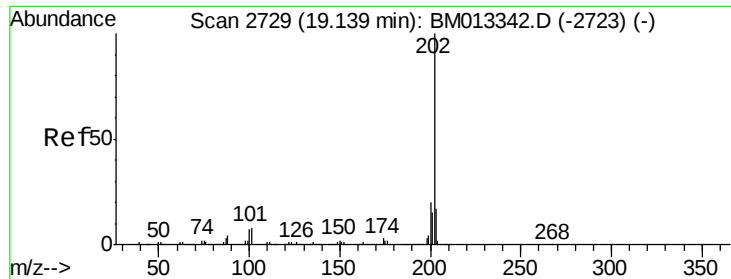
Delta R.T. -0.01 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Tgt Ion:	163	Resp:	162702
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	9.0	8.2	12.4





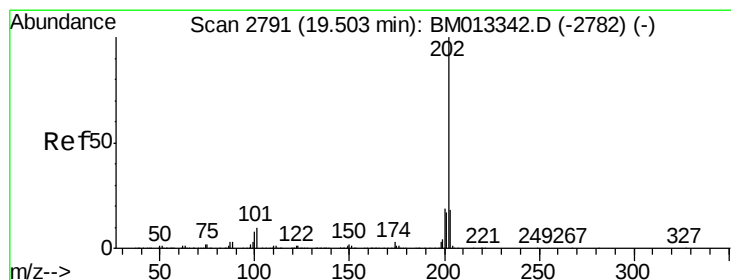
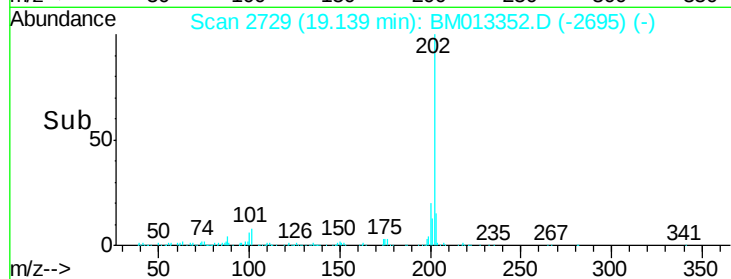
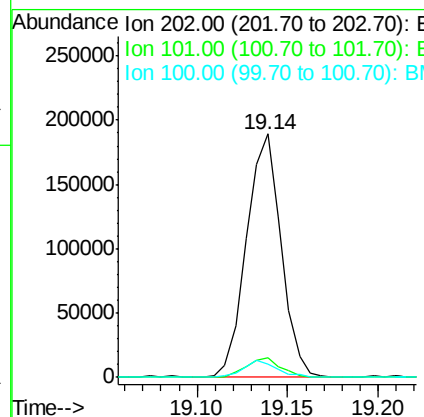
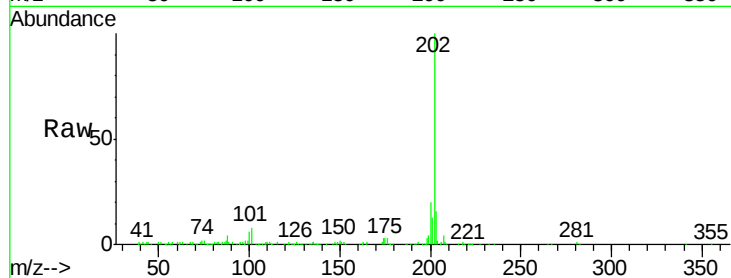
#74
 Fluoranthene
 Concen: 3.016 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM013352.D
 Acq: 12 Dec 2017 23:00

Instrument :
 BNA_M
 ClientSampleId :
 F9A54

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	5.6	3.4	5.2#

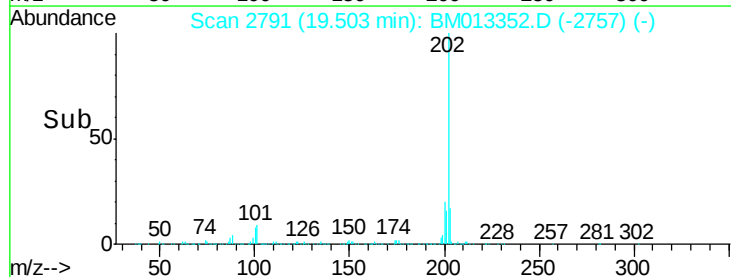
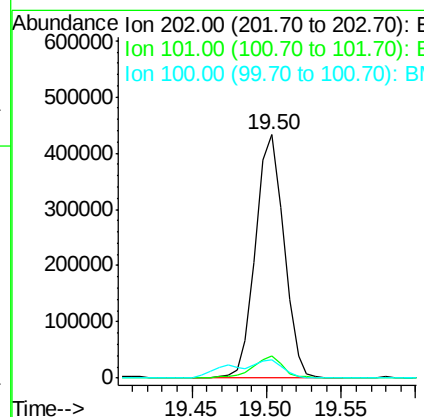
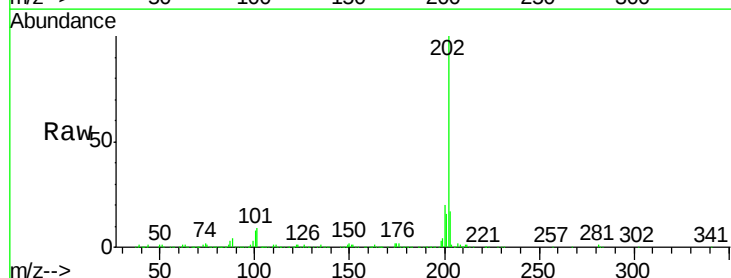
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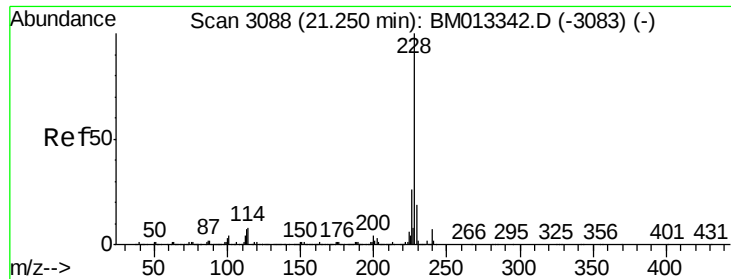
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#77
 Pyrene
 Concen: 6.659 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM013352.D
 Acq: 12 Dec 2017 23:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	7.6	4.9	7.3#





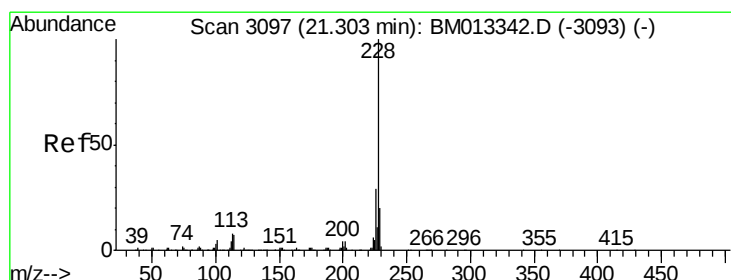
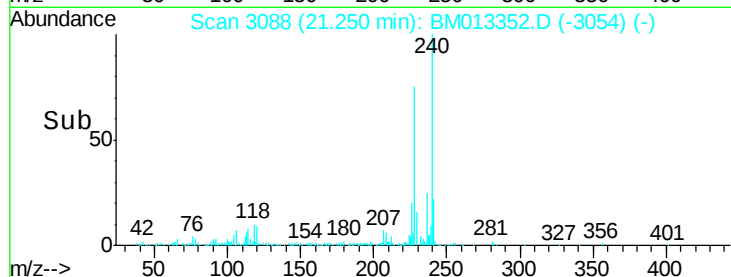
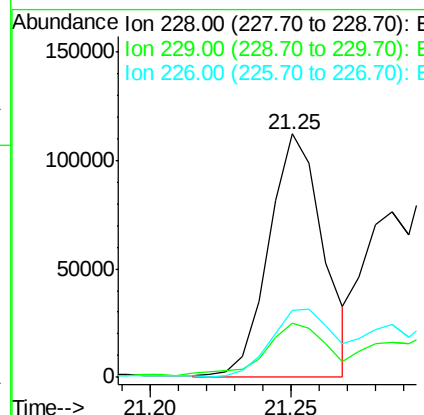
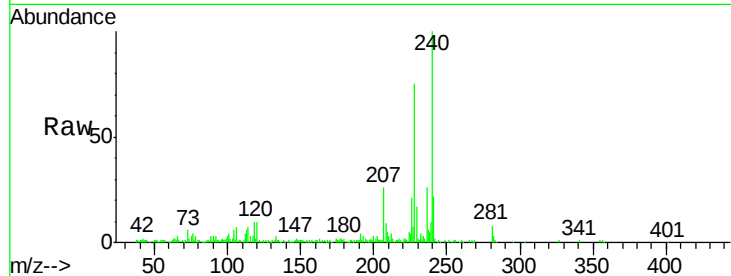
#80
Benzo(a)anthracene
Concen: 1.689 ng/u1
RT: 21.25 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM013352.D
Acq: 12 Dec 2017 23:00

Instrument :
BNA_M
ClientSampled :
F9A54

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.4	23.0
226	27.7	21.4	32.0

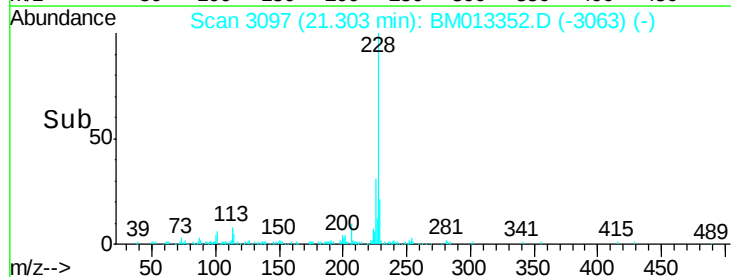
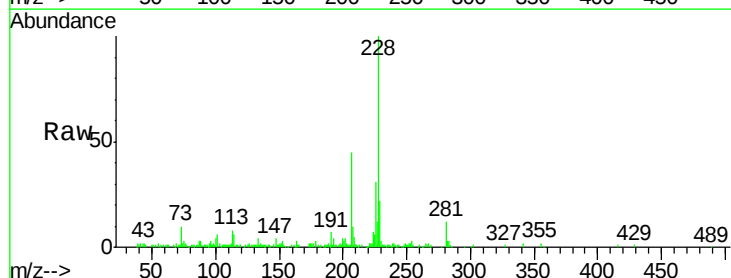
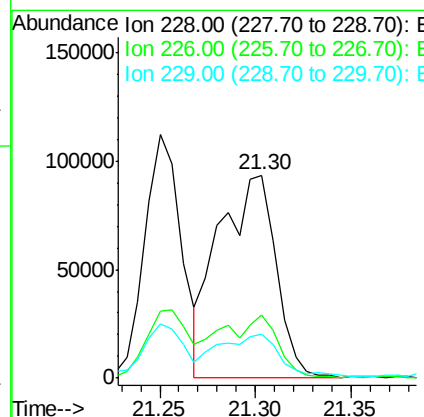
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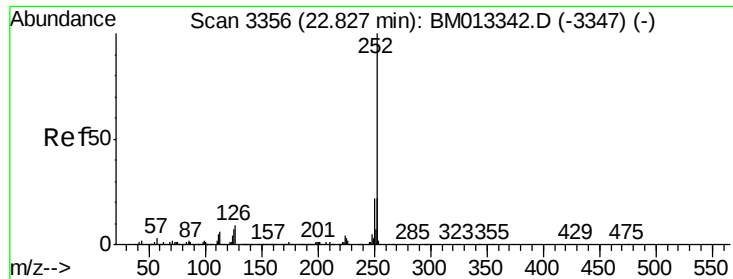
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#82
Chrysene
Concen: 2.349 ng/u1 m
RT: 21.30 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM013352.D
Acq: 12 Dec 2017 23:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	21.7	15.5	23.3





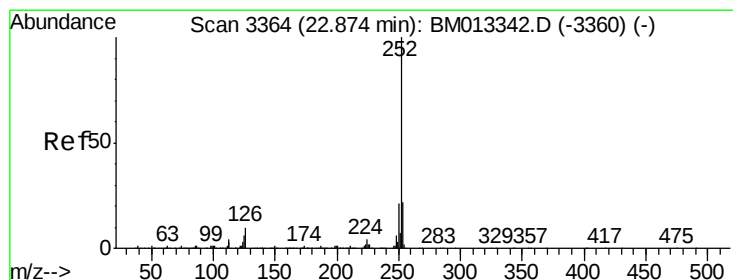
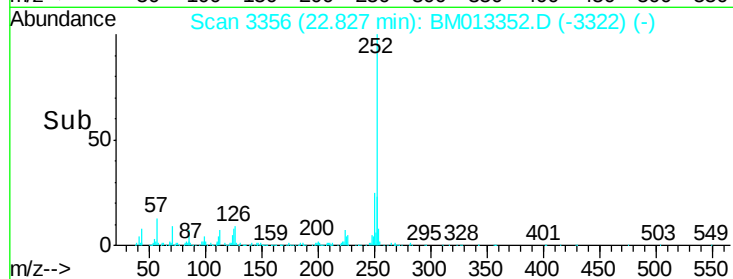
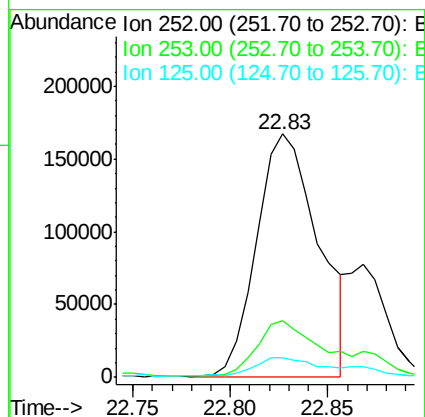
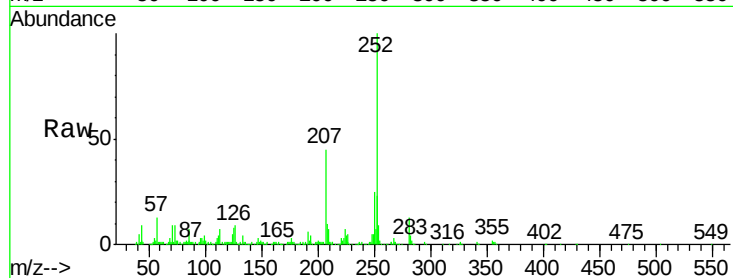
#85
Benzo(b)fluoranthene
Concen: 4.374 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM013352.D
Acq: 12 Dec 2017 23:00

Instrument :
BNA_M
ClientSampleId :
F9A54

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.1	3.6	5.4

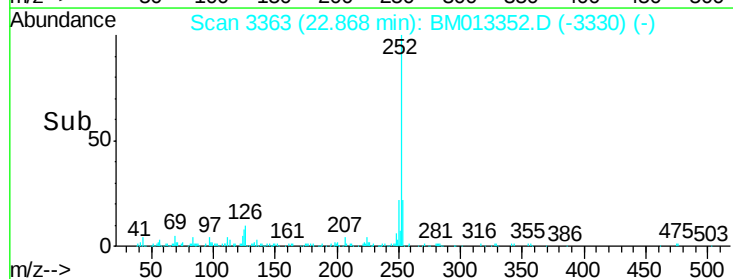
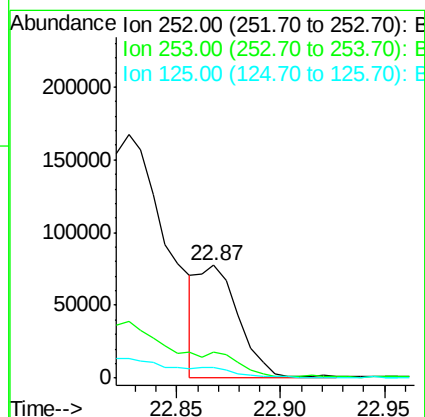
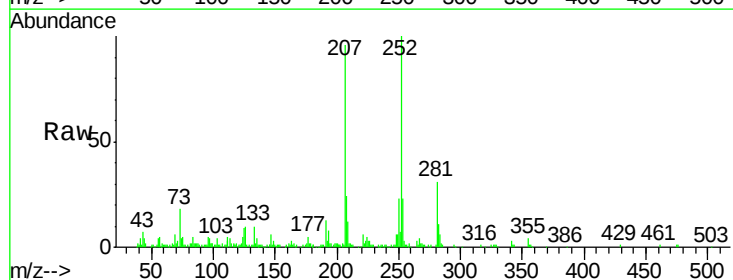
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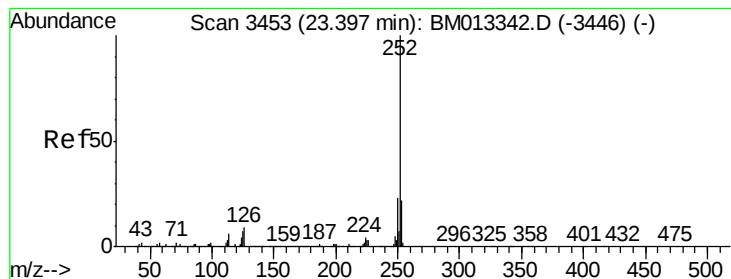
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#86
Benzo(k)fluoranthene
Concen: 1.323 ng/ul m
RT: 22.87 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BM013352.D
Acq: 12 Dec 2017 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.3	3.4	5.2





#88

Benzo(a)pyrene

Concen: 1.982 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Instrument :

BNA_M

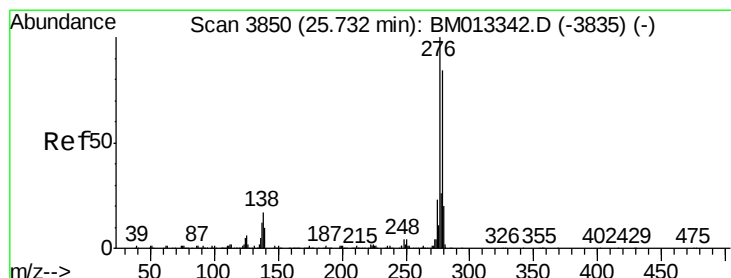
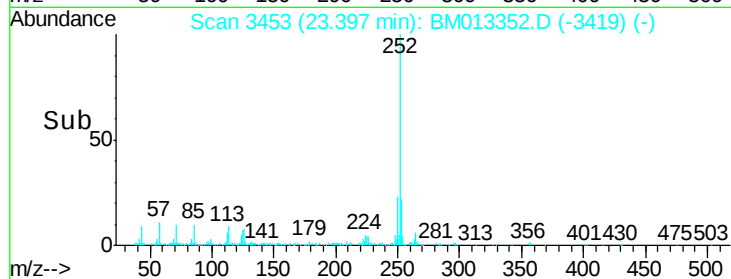
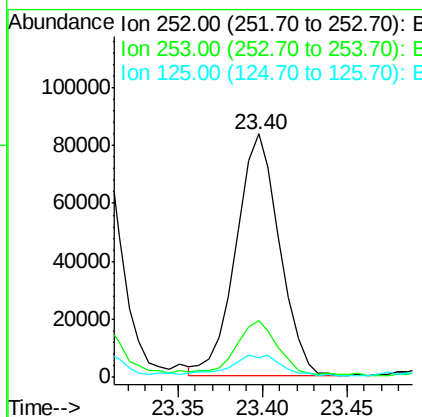
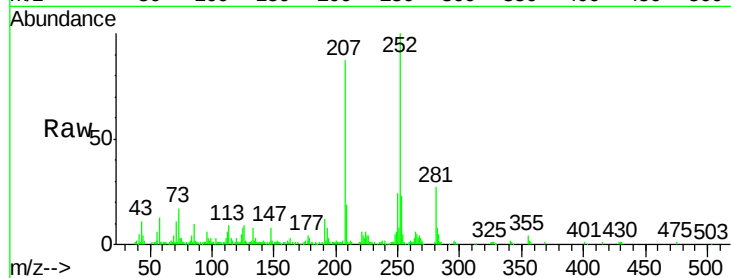
ClientSampleId :

F9A54

Tot Ion:	252	Resp:	148903
Ion Ratio		Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.1	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.484 ng/ul

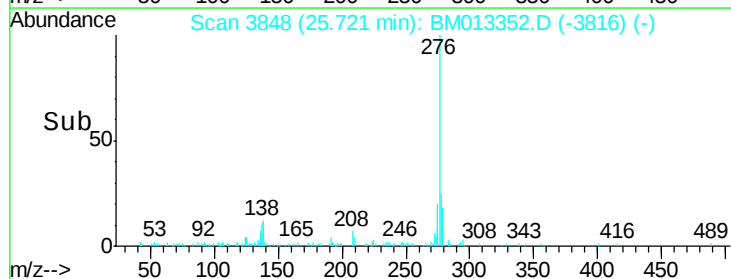
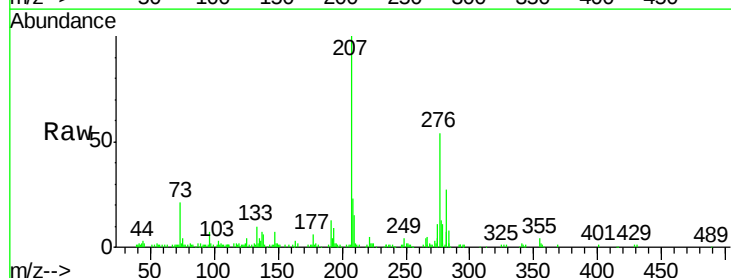
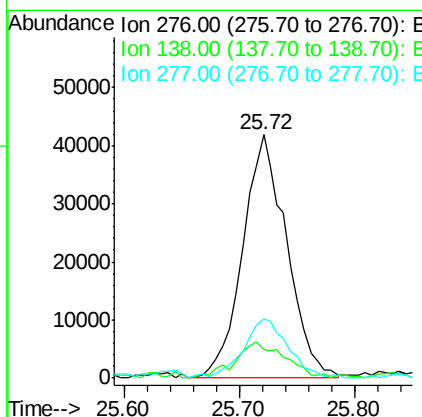
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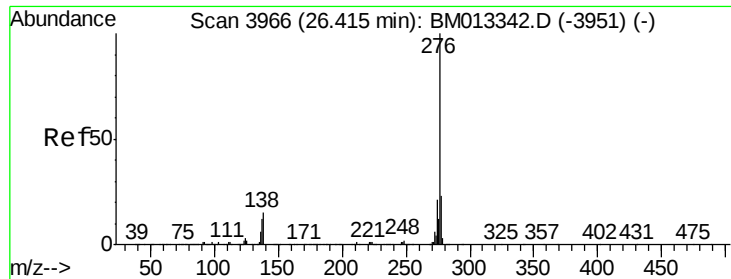
Delta R.T. -0.01 min

Lab File: BM013352.D

Acq: 12 Dec 2017 23:00

Tgt Ion:	276	Resp:	110598
Ion Ratio		Lower	Upper
276	100		
138	11.9	9.3	13.9
277	24.3	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 1.496 ng/ul
 RT: 26.40 min Scan# 3964
 Delta R.T. -0.01 min
 Lab File: BM013352.D
 Acq: 12 Dec 2017 23:00

Instrument :
 BNA_M
 ClientSampleId :
 F9A54

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.0	8.5	12.7
277	23.1	18.6	28.0

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