

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012403.D
 Acq On : 22 Oct 2017 18:59
 Operator : SJ/JU
 Sample : I5756-08
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CN4

Manual Integrations
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Sohil
 10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:43:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	330288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1417697	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	838231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1628415	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1523318	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1566317	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	29579	4.26	ng/uL	0.00
5) Phenol-d5	6.95	99	733740	27.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	456483	28.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	672971	29.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	615166	26.66	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	330288	30.53	ng/ul	0.01
22) 2-Nitrophenol-d4	9.66	143	371243	29.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	700008	29.00	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	240438	10.64	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	2217662	29.93	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2725273	30.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	179612	16.13	ng/ul	0.02
57) Fluorene-d10	15.42	176	1831343	30.12	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	45318	4.05	ng/ul	0.02
70) Anthracene-d10	17.28	188	2441114	30.32	ng/ul	0.00
76) Pyrene-d10	19.58	212	2304410	29.80	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.54	264	2259003	29.92	ng/ul	0.04

Target Compounds

					Ovalue	
6) Phenol	6.97	94	148224	5.350	ng/ul#	86
28) Naphthalene	10.61	128	343347	4.681	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	610096	11.022	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	98812	1.397	ng/ul	98
44) Dimethylphthalate	13.88	163	774565	10.436	ng/ul	99
47) Acenaphthylene	14.15	152	1658994	18.839	ng/ul	96
49) Acenaphthene	14.49	153	462141	7.791	ng/ul	99
58) Fluorene	15.48	166	1167356	16.457	ng/ul	99
69) Phenanthrene	17.22	178	9488910	102.432	ng/ul	97
71) Anthracene	17.31	178	2087855	21.771	ng/ul	99
74) Fluoranthene	19.25	202	7677400m	68.675	ng/ul	
77) Pyrene	19.61	202	12247945	121.747	ng/ul#	89
80) Benzo(a)anthracene	21.35	228	4959342	50.033	ng/ul#	92
82) Chrysene	21.41	228	5532740	59.453	ng/ul	93
85) Benzo(b)fluoranthene	22.99	252	4376438m	42.816	ng/ul	
86) Benzo(k)fluoranthene	23.01	252	1283273m	13.028	ng/ul	
88) Benzo(a)pyrene	23.58	252	4190792	43.500	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.05	276	2283189	22.317	ng/ul	99
90) Dibenzo(a,h)anthracene	26.04	278	806201	9.374	ng/ul#	78
91) Benzo(g,h,i)perylene	26.78	276	2226082	26.567	ng/ul#	93

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

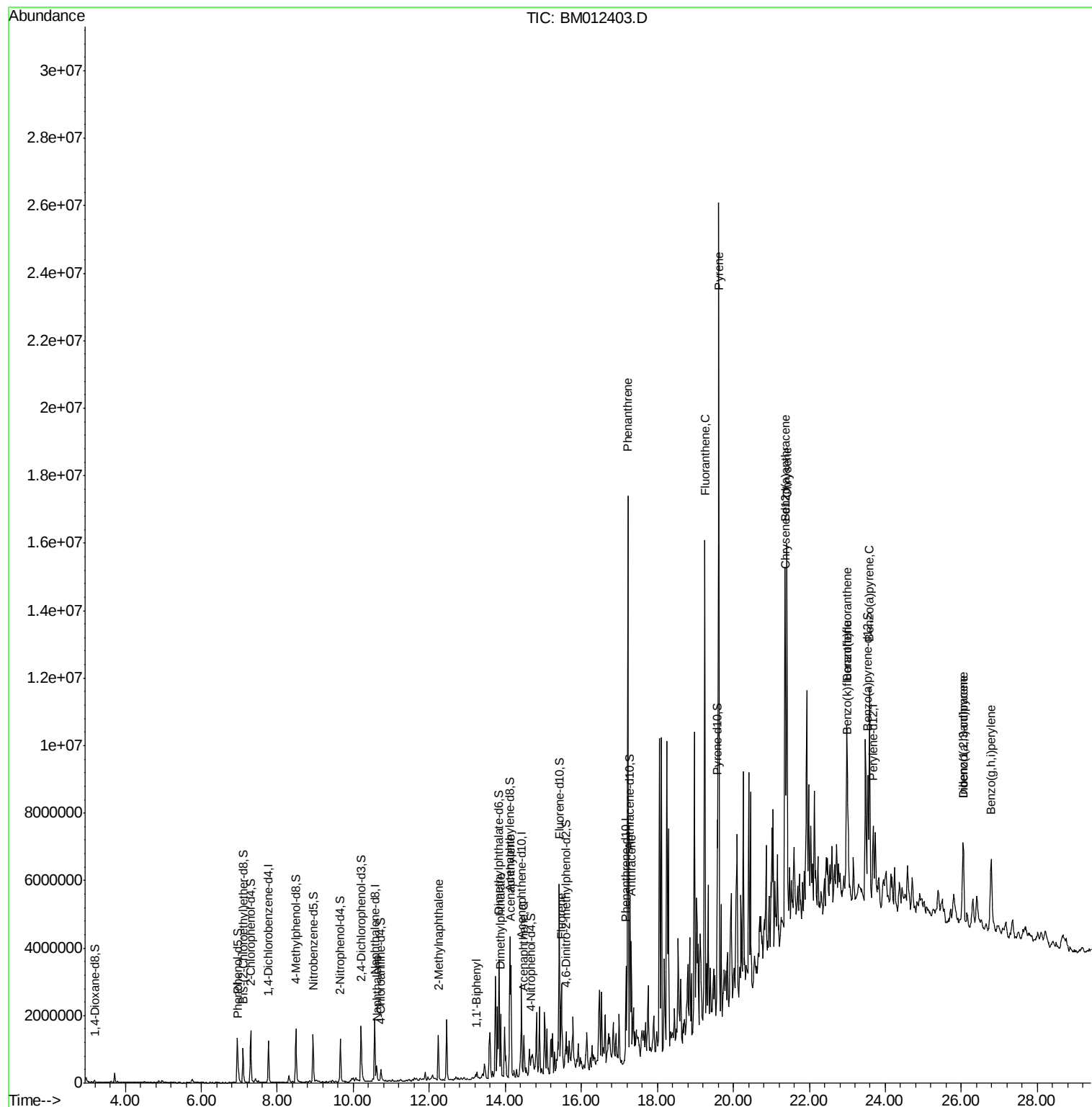
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012403.D
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Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

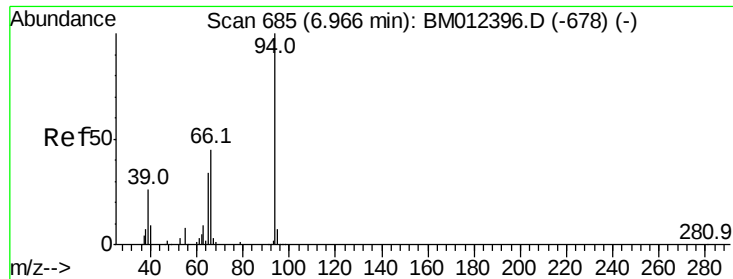
Instrument :
BNA_M
ClientSampled :
B0CN4

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Quant Time: Oct 23 18:43:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.350 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Instrument :

BNA_M

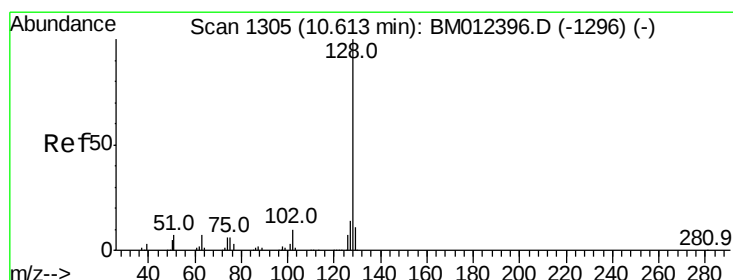
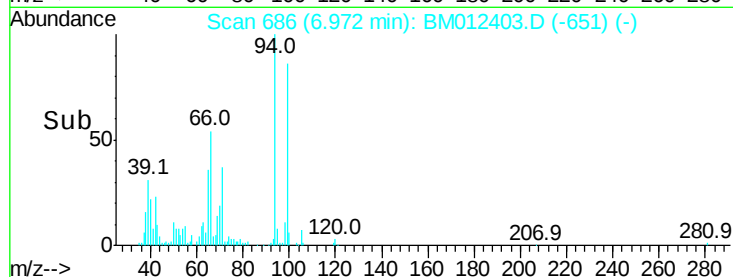
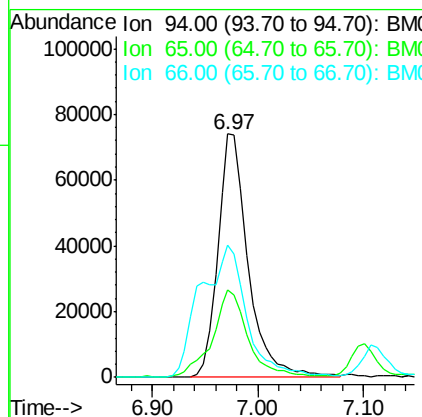
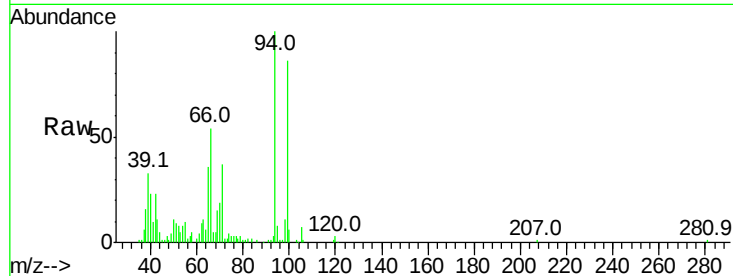
ClientSampled :

B0CN4

Tot Ion	Ratio	Lower	Upper
94	100		
65	36.2	24.4	36.6
66	54.3	35.0	52.4

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#28

Naphthalene

Concen: 4.681 ng/ul

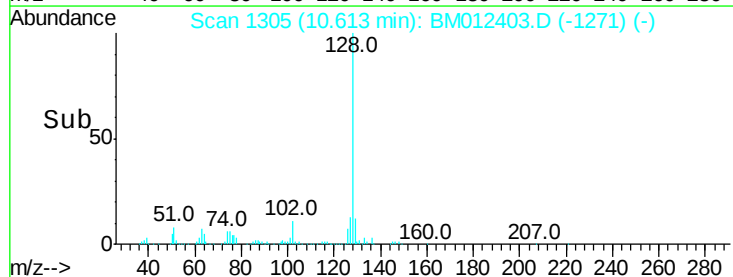
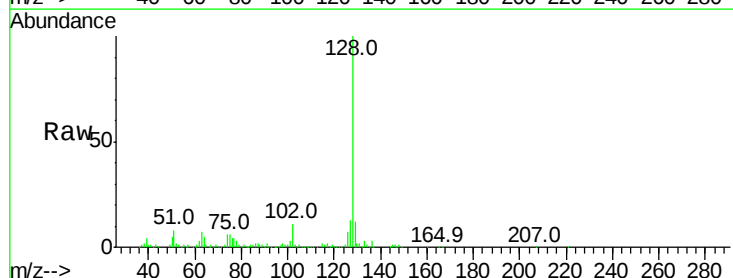
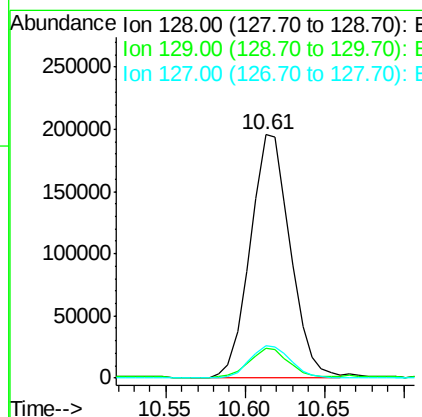
RT: 10.61 min Scan# 1305

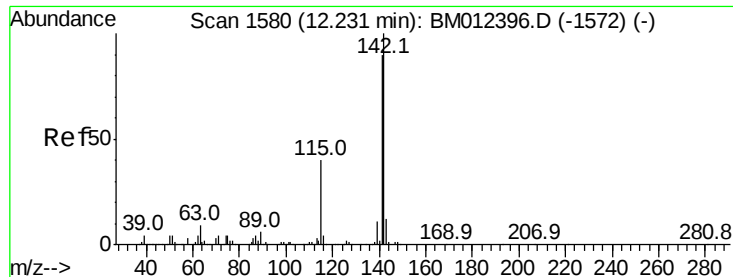
Delta R.T. -0.00 min

Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	13.3	11.4	17.0





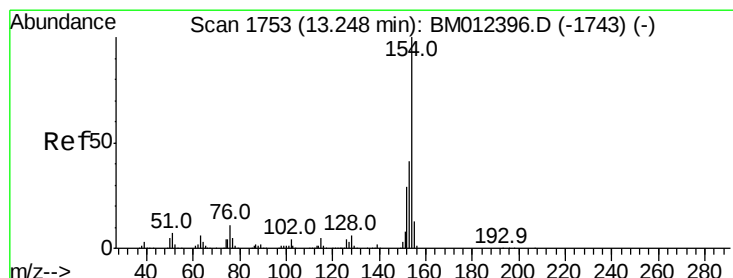
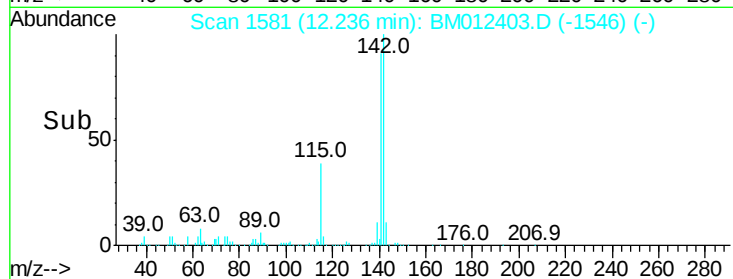
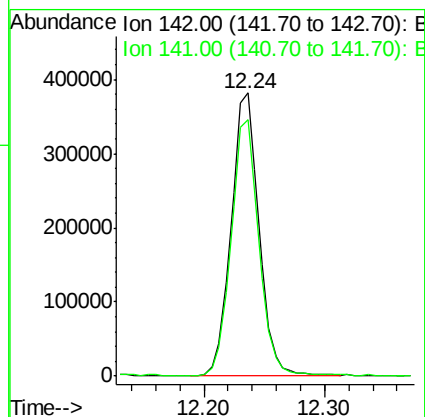
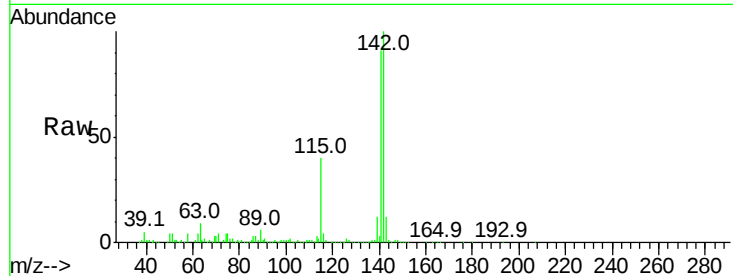
#34
 2-Methylnaphthalene
 Concen: 11.022 ng/ul
 RT: 12.24 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BM012403.D
 Acq: 22 Oct 2017 18:59

Instrument :
 BNA_M
 ClientSampleId :
 B0CN4

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.6	110.4

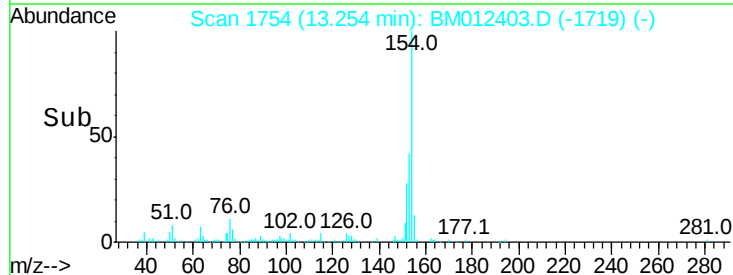
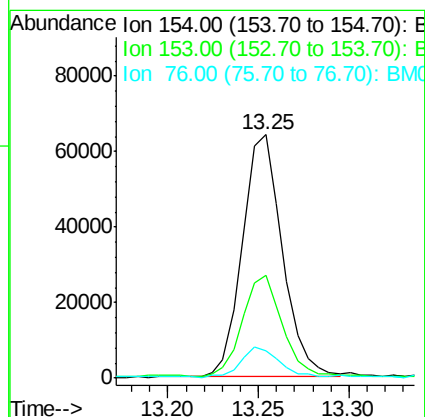
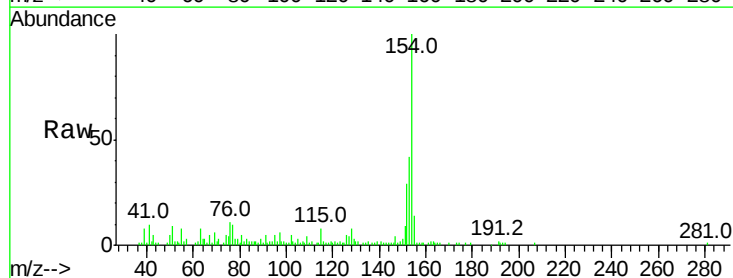
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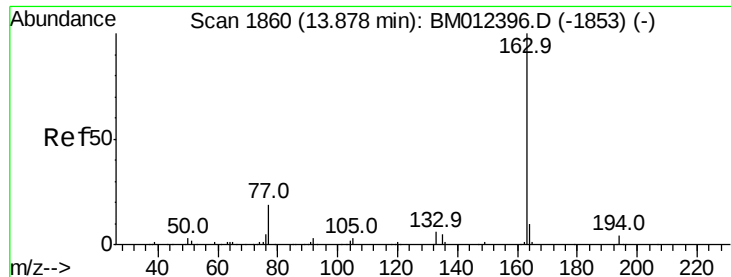
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#40
 1,1'-Biphenyl
 Concen: 1.397 ng/ul
 RT: 13.25 min Scan# 1754
 Delta R.T. 0.01 min
 Lab File: BM012403.D
 Acq: 22 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	33.0	49.4
76	11.0	8.2	12.4





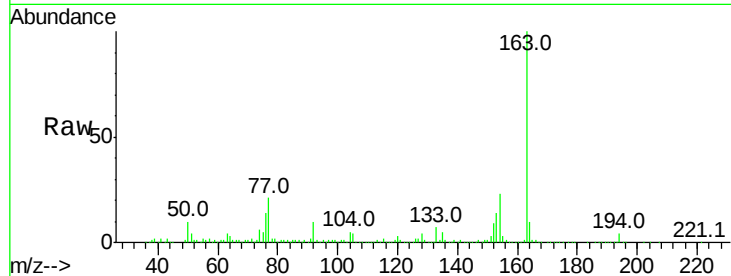
#44
Dimethylphthalate
Concen: 10.436 ng/ul
RT: 13.88 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Instrument :
BNA_M
ClientSampleId :
B0CN4

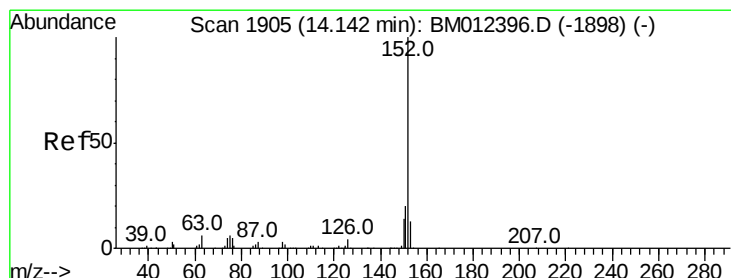
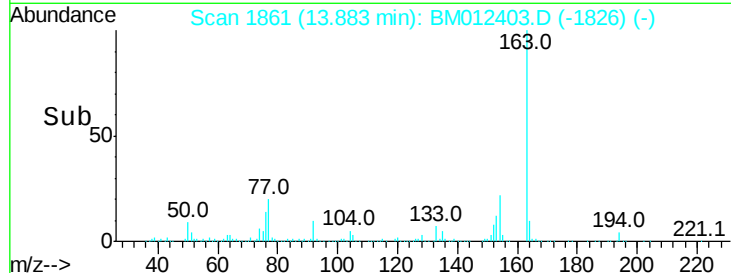
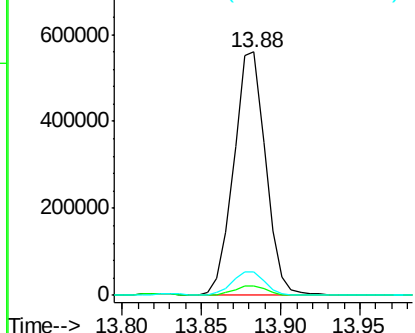
Tot Ion	Ratio	Resp	Lower	Upper
163	100	774565		
194	4.1		3.7	5.5
164	9.7		8.1	12.1

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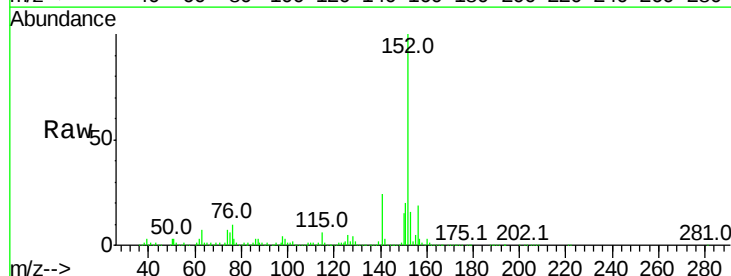


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

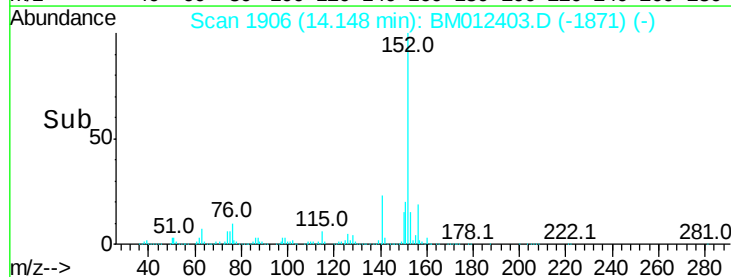
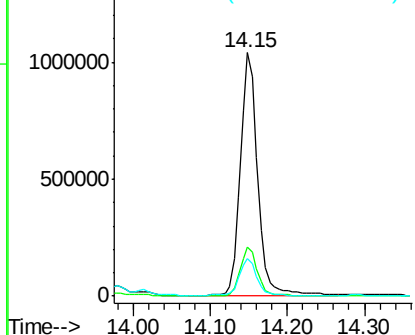


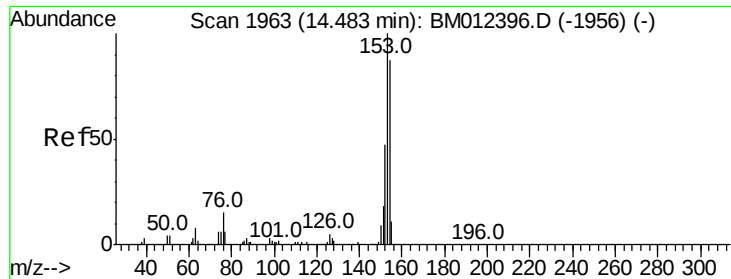
#47
Acenaphthylene
Concen: 18.839 ng/ul
RT: 14.15 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1658994		
151	20.2		15.3	22.9
153	15.6		10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 7.791 ng/ul

RT: 14.49 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Instrument :

BNA_M

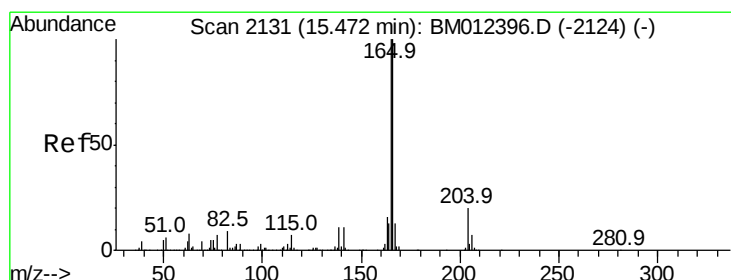
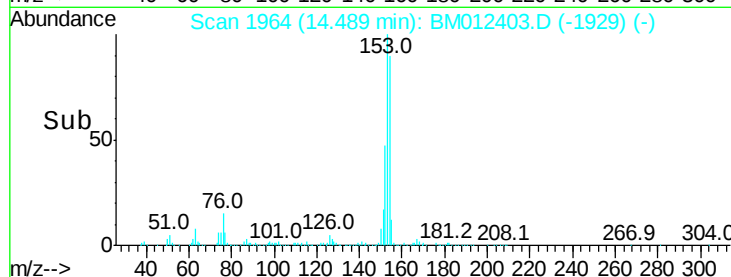
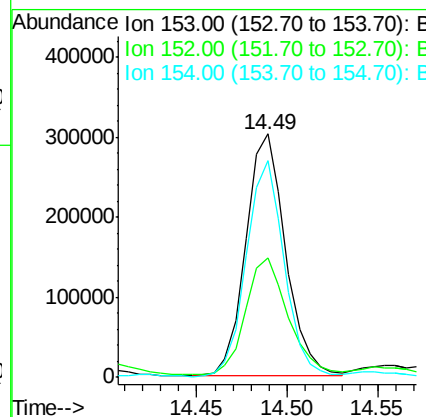
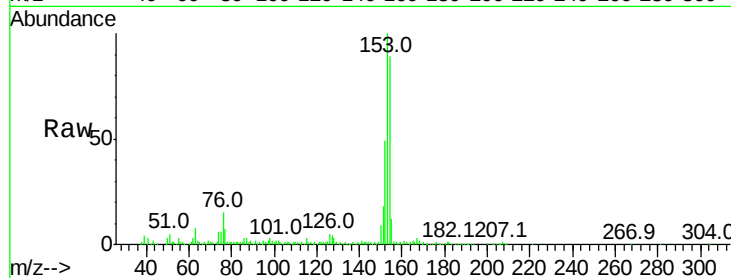
ClientSampleId :

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Tot Ion:	153	Resp:	462141
Ion Ratio	Lower	Upper	
153	100		
152	49.0	37.4	56.0
154	89.1	71.1	106.7

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#58

Fluorene

Concen: 16.457 ng/ul

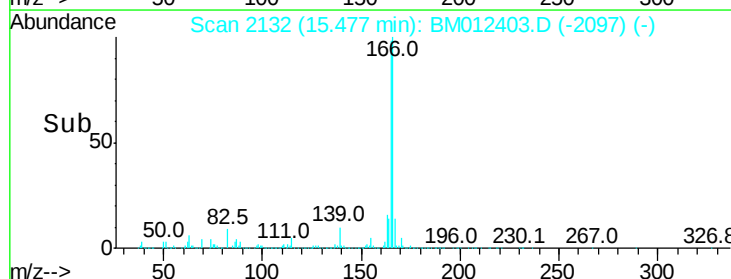
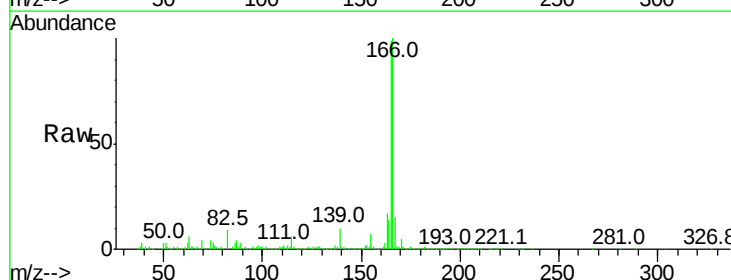
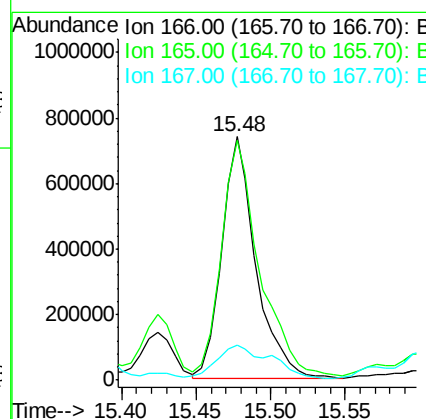
RT: 15.48 min Scan# 2132

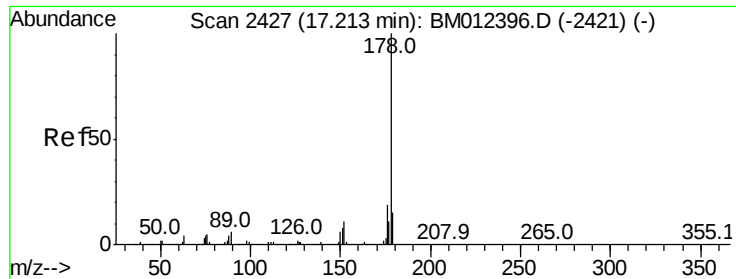
Delta R.T. 0.01 min

Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Tgt Ion:	166	Resp:	1167356
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.0	118.6
167	14.6	10.8	16.2





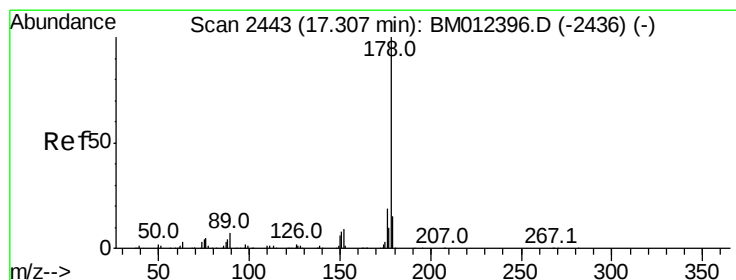
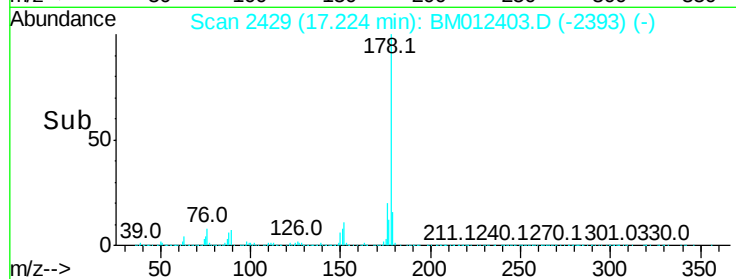
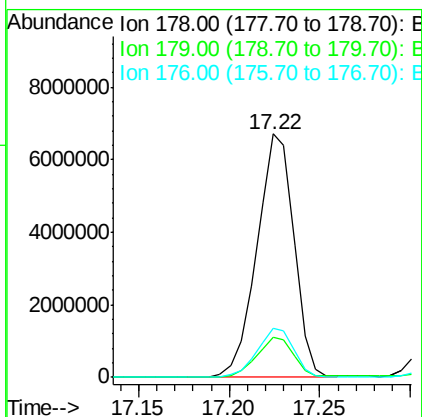
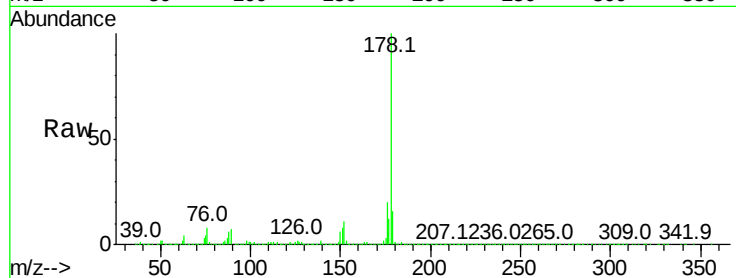
#69
Phenanthrene
Concen: 102.432 ng/ul
RT: 17.22 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Instrument :
BNA_M
ClientSampleId :
B0CN4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.0	18.0
176	20.0	15.0	22.6

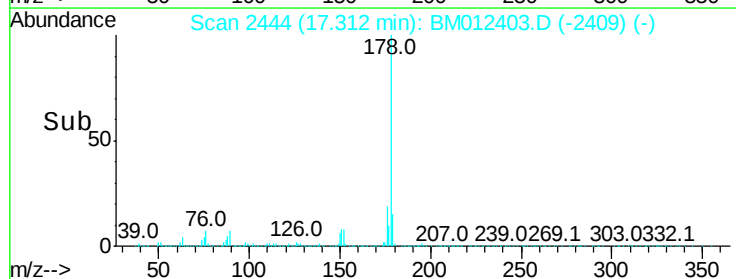
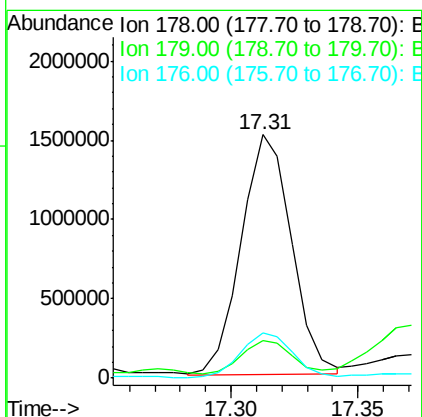
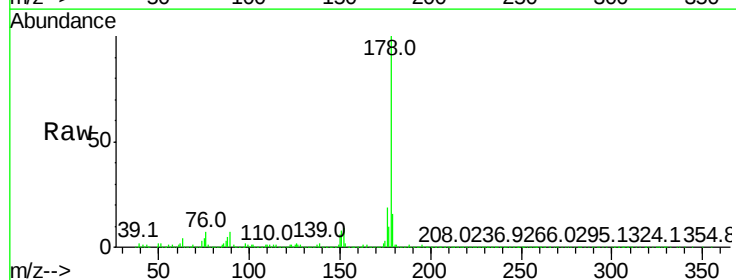
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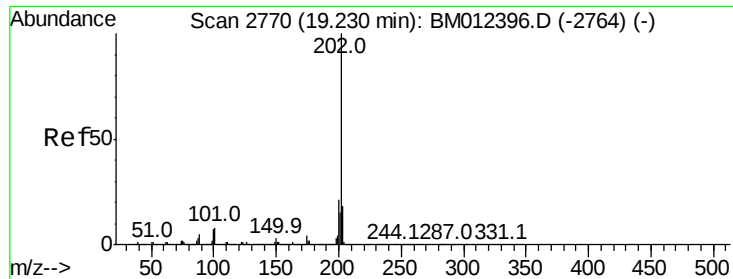
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#71
Anthracene
Concen: 21.771 ng/ul
RT: 17.31 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.7	14.7	22.1





#74

Fluoranthene

Concen: 68.675 ng/ul m

RT: 19.25 min Scan# 2773

Delta R.T. 0.02 min

Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Instrument :

BNA_M

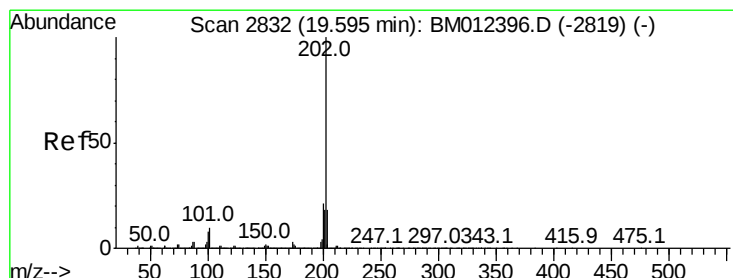
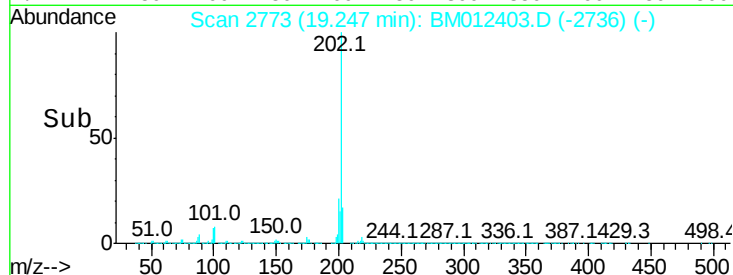
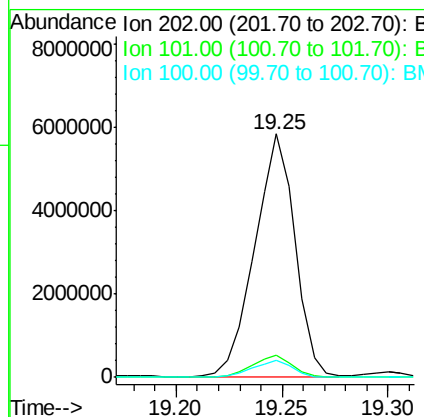
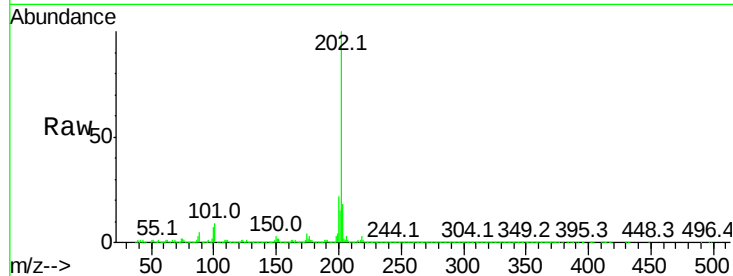
ClientSampleId :

B0CN4

Tot Ion:	202	Resp:	7677400
Ion Ratio	Lower	Upper	
202	100		
101	9.0	5.8	8.6#
100	6.9	4.3	6.5#

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#77

Pyrene

Concen: 121.747 ng/ul

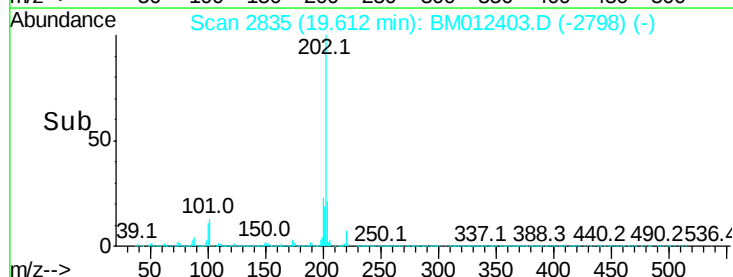
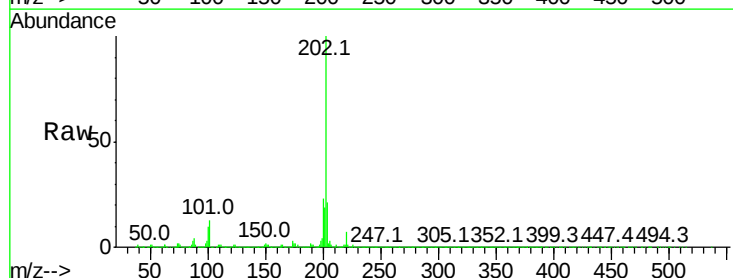
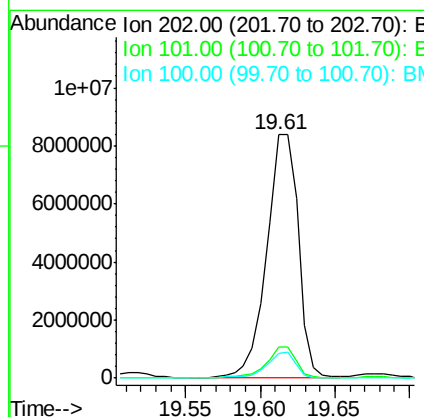
RT: 19.61 min Scan# 2835

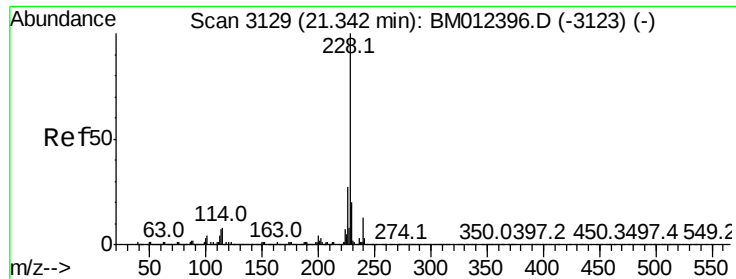
Delta R.T. 0.02 min

Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Tgt Ion:	202	Resp:	12247945
Ion Ratio	Lower	Upper	
202	100		
101	12.7	6.5	9.7#
100	10.2	5.6	8.4#





#80

Benzo(a)anthracene

Concen: 50.033 ng/ul

RT: 21.35 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Instrument :
BNA_M

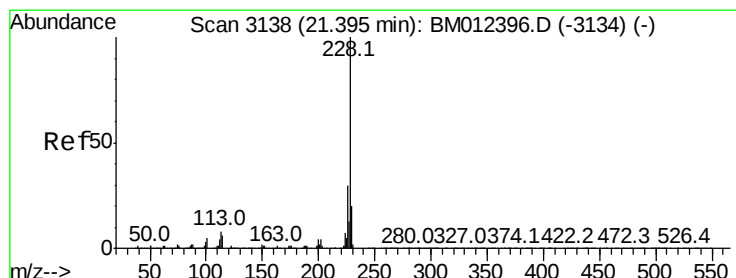
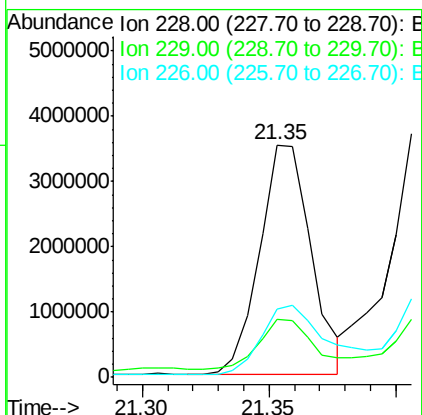
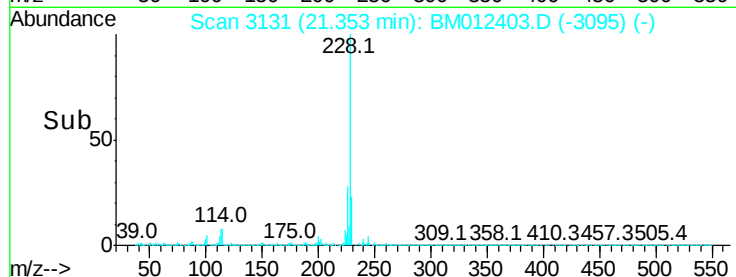
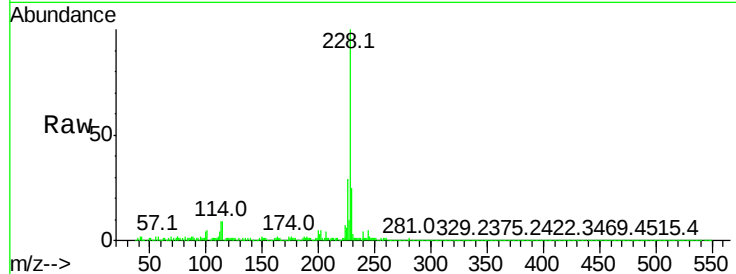
ClientSampled :
B0CN4

Tot Ion:228 Resp: 4959342

Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.8	23.8#
226	29.4	21.4	32.2

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#82

Chrysene

Concen: 59.453 ng/ul

RT: 21.41 min Scan# 3141

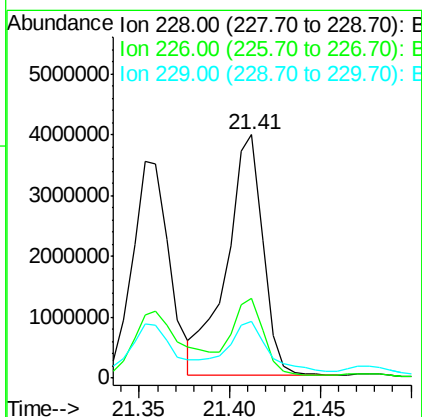
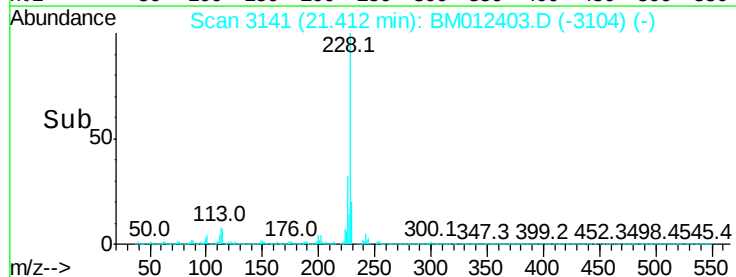
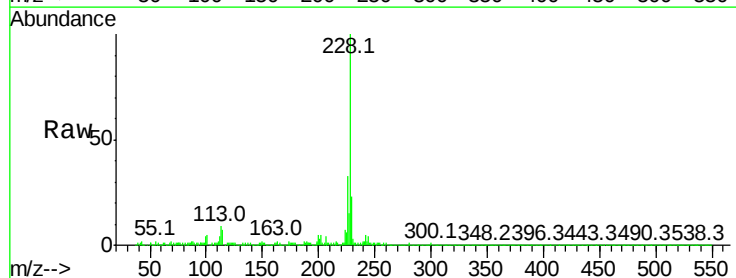
Delta R.T. 0.02 min

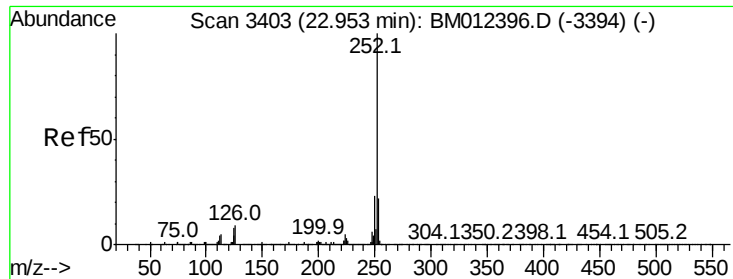
Lab File: BM012403.D

Acq: 22 Oct 2017 18:59

Tgt Ion:228 Resp: 5532740

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	23.2	15.5	23.3





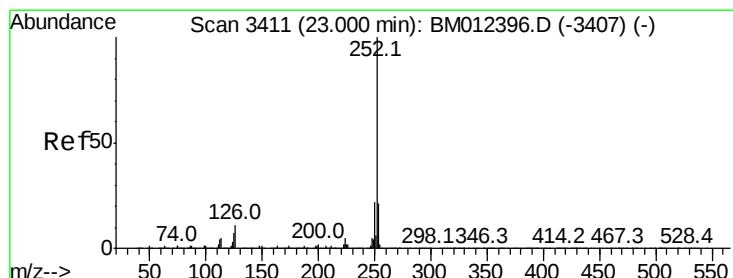
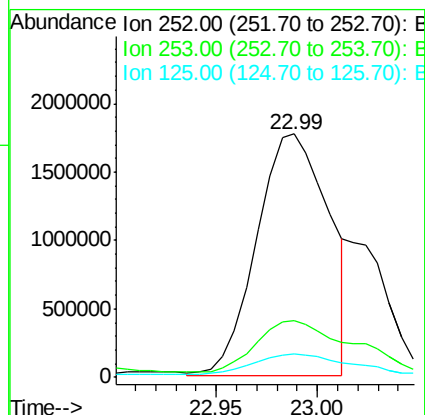
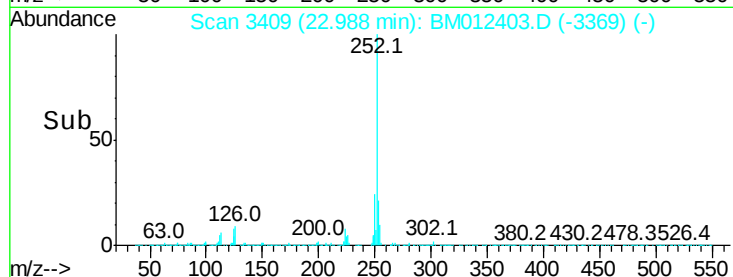
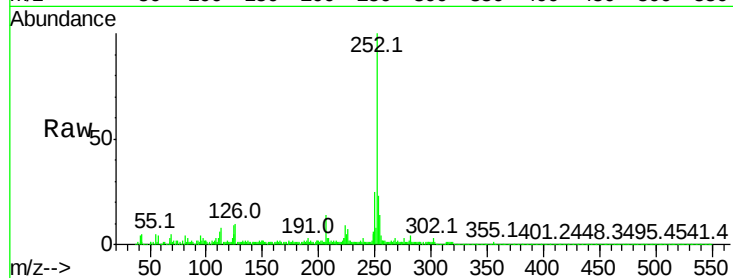
#85
Benzo(b)fluoranthene
Concen: 42.816 ng/ul m
RT: 22.99 min Scan# 3409
Delta R.T. 0.04 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Instrument :
BNA_M
ClientSampled :
B0CN4

Tot Ion:252 Resp: 4376438
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 9.5 5.1 7.7#

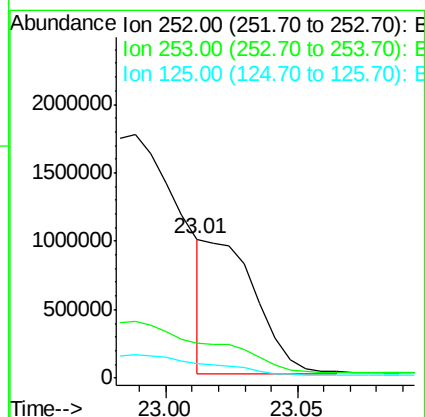
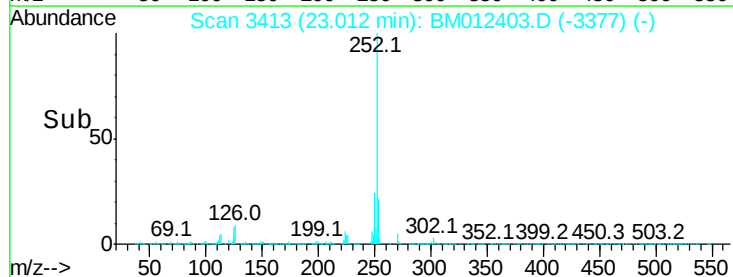
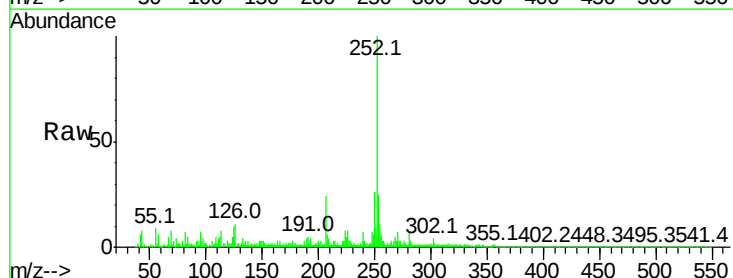
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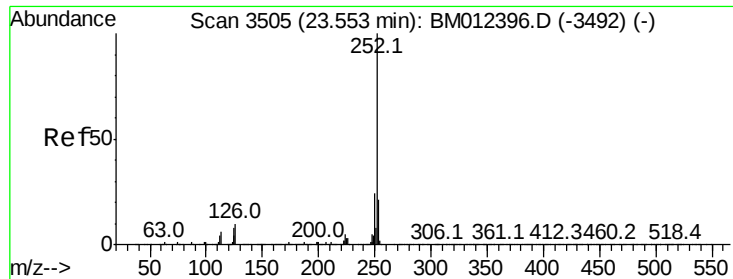
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#86
Benzo(k)fluoranthene
Concen: 13.028 ng/ul m
RT: 23.01 min Scan# 3413
Delta R.T. 0.01 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Tgt Ion:252 Resp: 1283273
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 10.3 4.9 7.3#





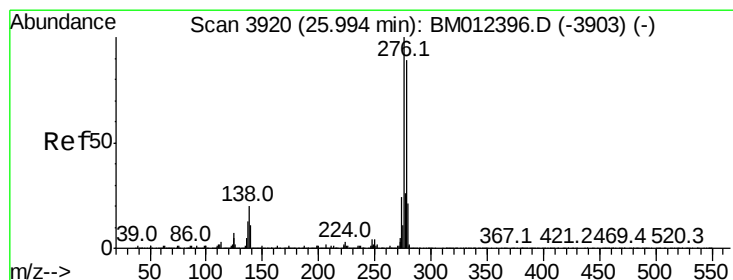
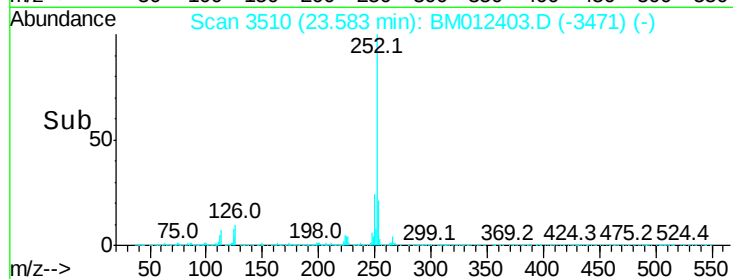
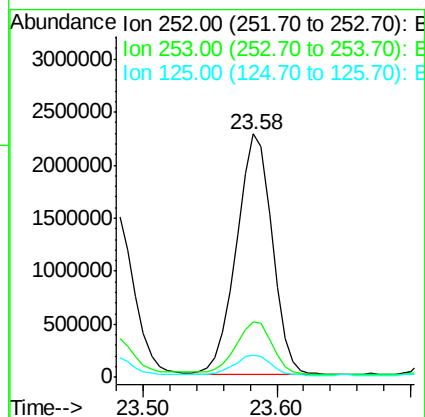
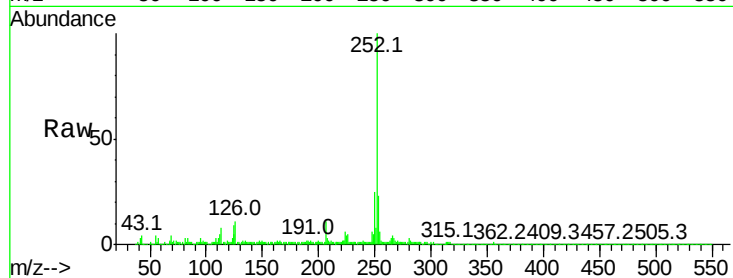
#88
Benzo(a)pyrene
Concen: 43.500 ng/ul
RT: 23.58 min Scan# 3510
Delta R.T. 0.03 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Instrument :
BNA_M
ClientSampleId :
B0CN4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	9.3	5.2	7.8

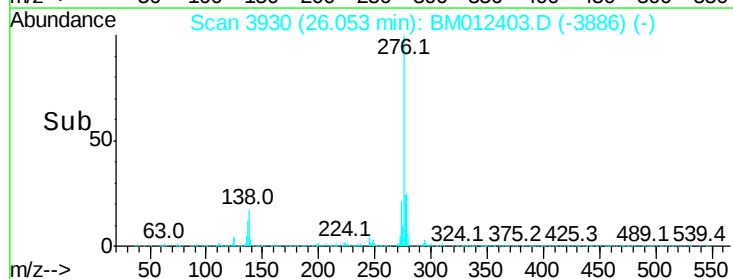
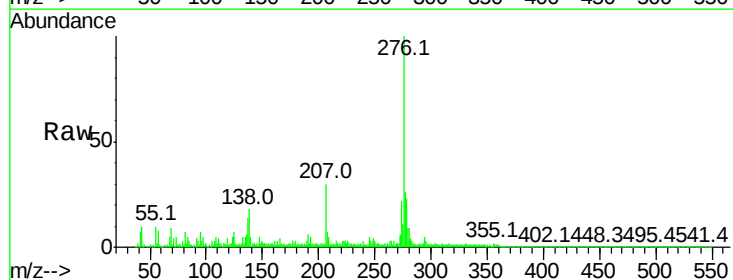
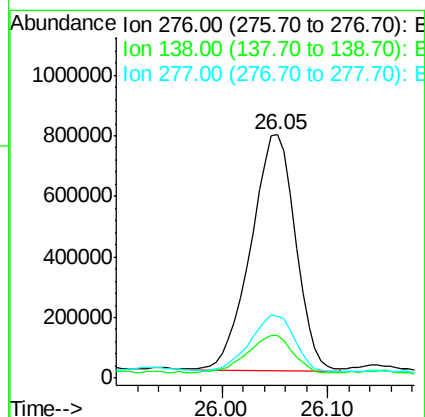
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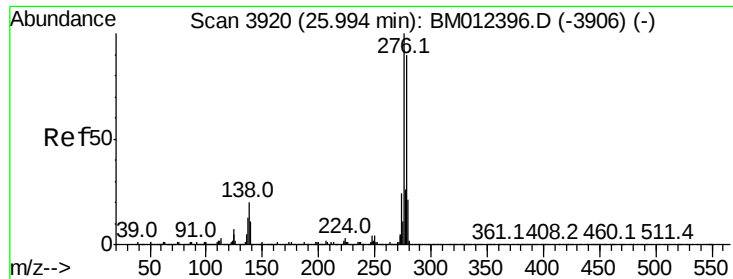
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#89
Indeno(1,2,3-cd)pyrene
Concen: 22.317 ng/ul
RT: 26.05 min Scan# 3930
Delta R.T. 0.06 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.2	19.8
277	25.6	20.6	31.0





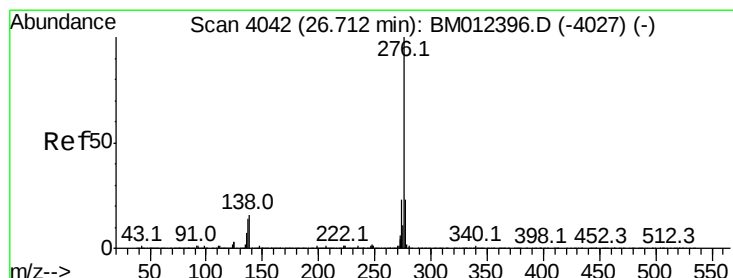
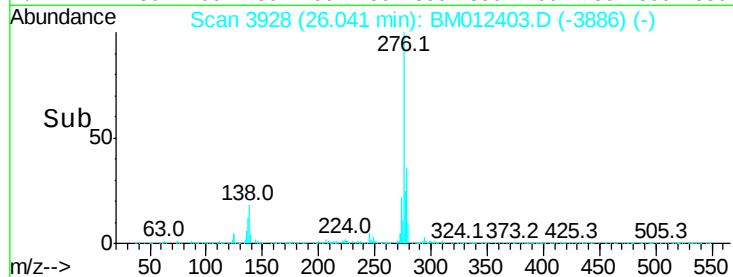
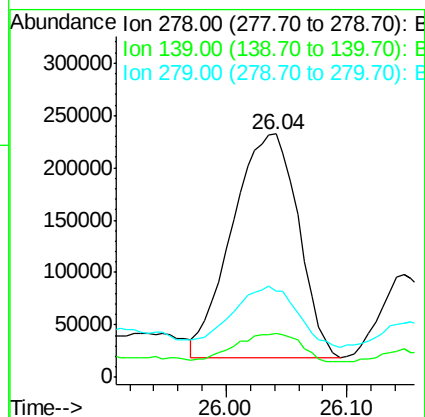
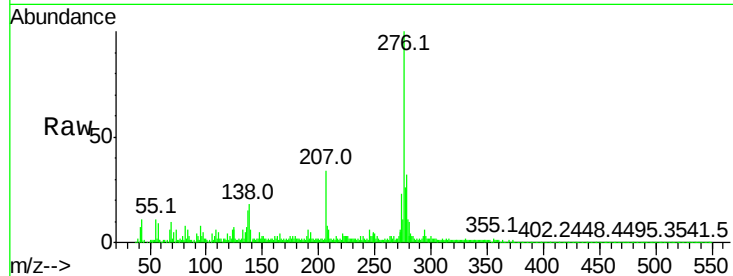
#90
Dibenzo(a,h)anthracene
Concen: 9.374 ng/ul
RT: 26.04 min Scan# 3928
Delta R.T. 0.05 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Instrument :
BNA_M
ClientSampled :
B0CN4

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	8.3	12.5#
279	35.6	19.3	28.9#

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#91
Benzo(g,h,i)perylene
Concen: 26.567 ng/ul
RT: 26.78 min Scan# 4054
Delta R.T. 0.07 min
Lab File: BM012403.D
Acq: 22 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	10.7	16.1#
277	25.9	19.0	28.4

