

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
 Data File : BM023861.D
 Acq On : 22 Nov 2019 16:33
 Operator : JU
 Sample : K5854-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:20:41 AM

Quant Time: Nov 22 17:18:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 22 15:55:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	276513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1136722	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	721630	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1577598	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1535420	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1898648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	18673	2.78	ng/uL	0.01
5) Phenol-d5	6.70	99	413796	16.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	245320	16.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	346354	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	309010	15.37	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	163020	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	186795	21.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	336524	17.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	390256	18.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1027618	18.26	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1297589	20.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	115459	12.02	ng/ul	0.01
58) Fluorene-d10	15.17	176	974349	19.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	85321	9.35	ng/ul	0.00
71) Anthracene-d10	17.02	188	1583430	21.16	ng/ul	0.00
79) Pyrene-d10	19.33	212	1797522	22.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2206971	22.09	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.73	94	121505	4.679	ng/ul	95
14) Acetophenone	8.34	105	47092	1.502	ng/ul#	92
28) Naphthalene	10.33	128	90419	1.513	ng/ul	100
34) 2-Methylnaphthalene	11.96	142	62518	1.368	ng/ul	99
45) Dimethylphthalate	13.64	163	420224	7.620	ng/ul	99
70) Phenanthrene	16.97	178	199617	2.297	ng/ul	96
77) Fluoranthene	18.99	202	404163	4.341	ng/ul#	94
80) Pyrene	19.36	202	430200	4.335	ng/ul	96
83) Benzo(a)anthracene	21.12	228	249232	2.461	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.07	149	633699	13.352	ng/ul	97
85) Chrysene	21.17	228	234799m	2.463	ng/ul	
88) Benzo(b)fluoranthene	22.65	252	403988	3.338	ng/ul#	79
91) Benzo(a)pyrene	23.20	252	256768	2.317	ng/ul#	71
92) Indeno(1,2,3-cd)pyrene	25.43	276	174034	1.469	ng/ul#	91
94) Benzo(g,h,i)perylene	26.08	276	167183	1.741	ng/ul#	88

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

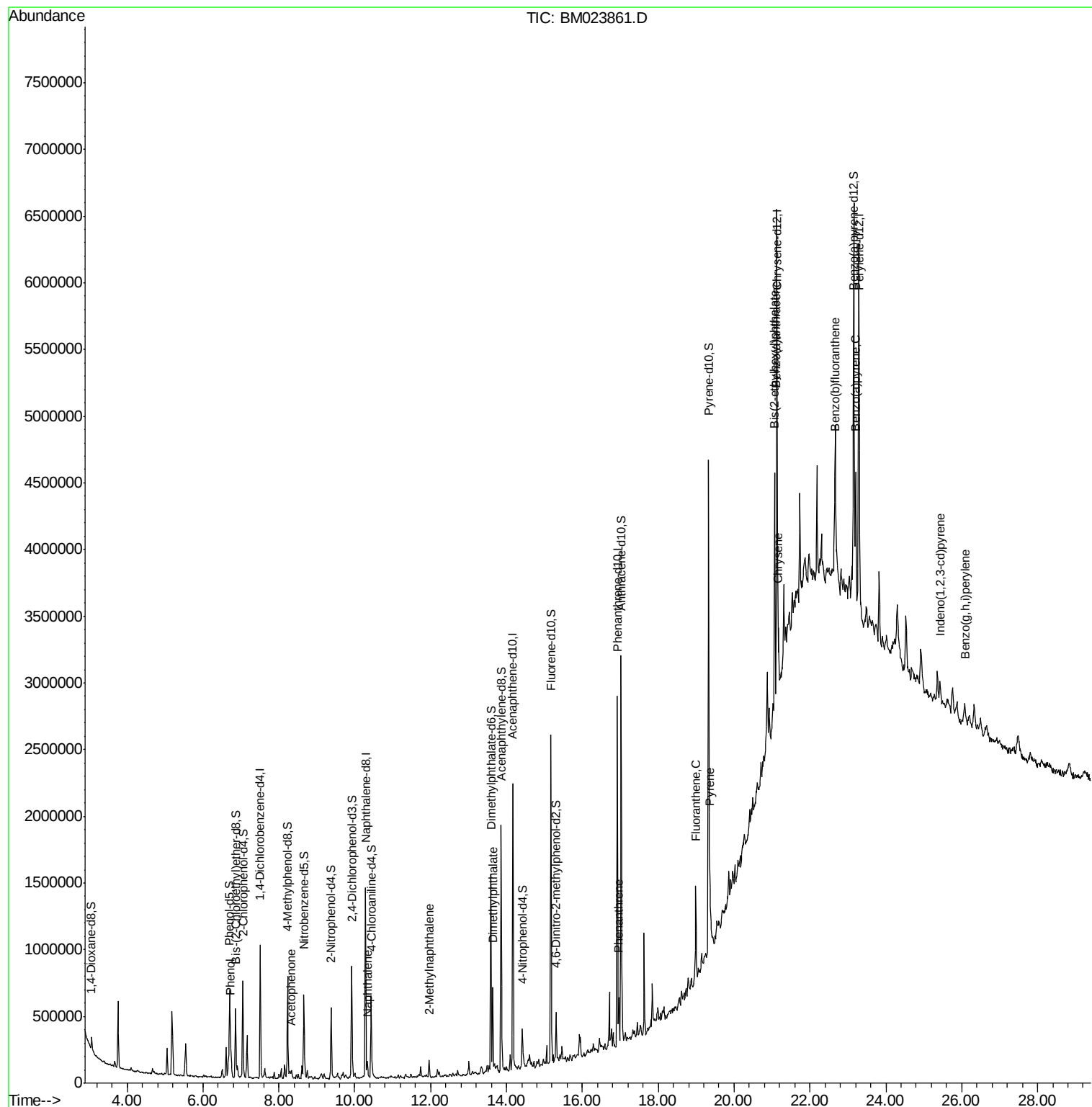
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023861.D
Acq On : 22 Nov 2019 16:33
Operator : JU
Sample : K5854-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

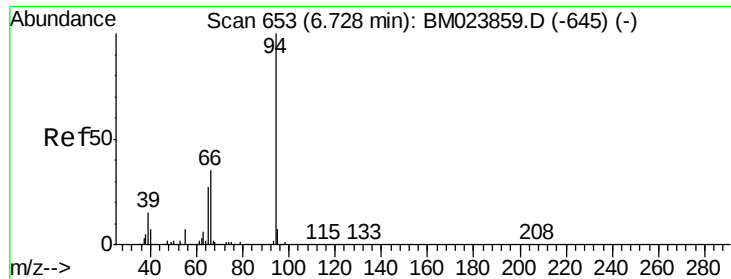
Instrument :
BNA_M
ClientSampleId :
C0AC2

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 22 15:55:14 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.679 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM023861.D

Acq: 22 Nov 2019 16:33

Instrument :

BNA_M

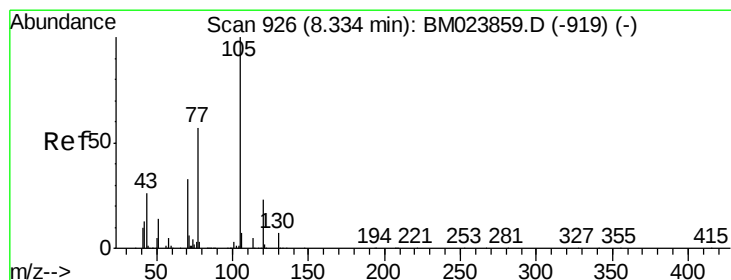
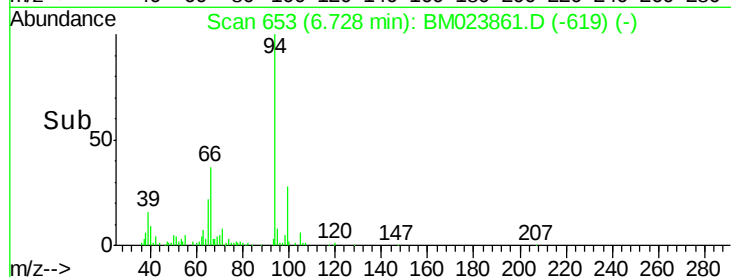
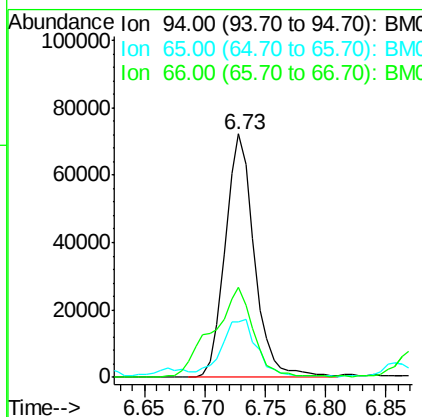
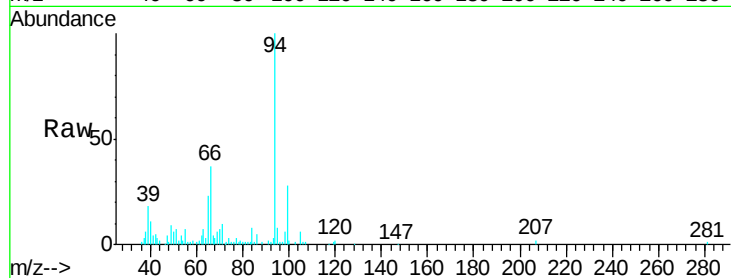
ClientSampleId :

C0AC2

Tgt Ion:	94	Resp:	121505
Ion	Ratio	Lower	Upper
94	100		
65	22.9	21.4	32.2
66	36.9	30.7	46.1

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#14

Acetophenone

Concen: 1.502 ng/ul

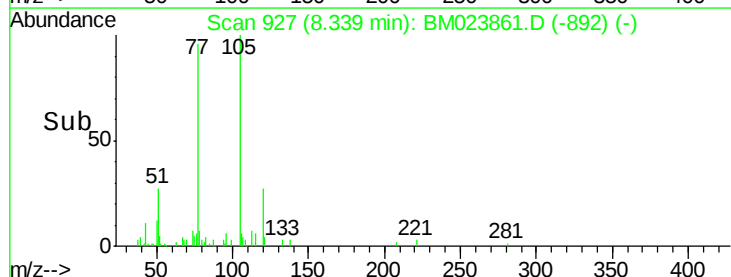
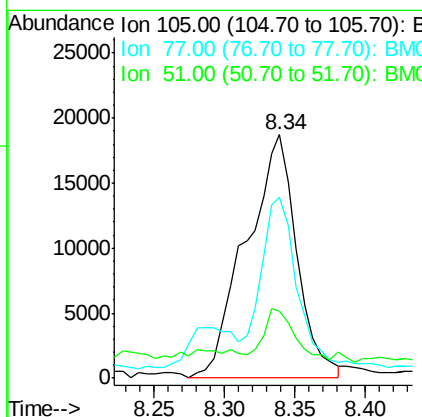
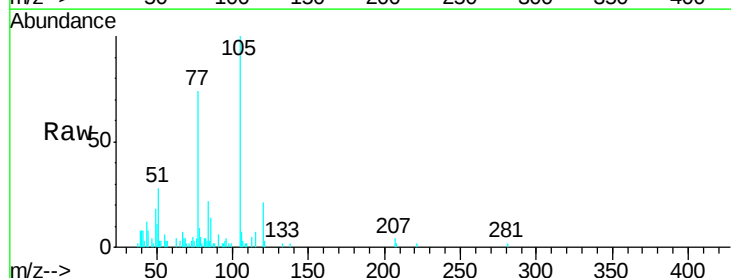
RT: 8.34 min Scan# 927

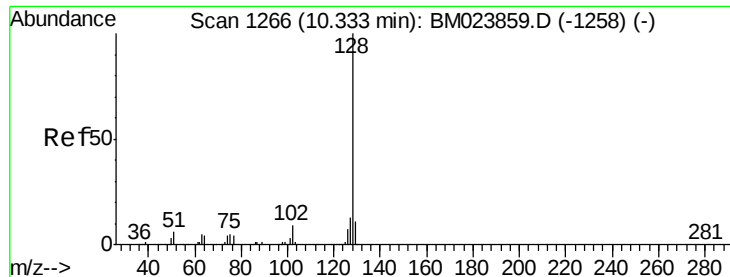
Delta R.T. 0.01 min

Lab File: BM023861.D

Acq: 22 Nov 2019 16:33

Tgt Ion:	105	Resp:	47092
Ion	Ratio	Lower	Upper
105	100		
77	74.3	63.8	95.6
51	27.8	16.3	24.5#





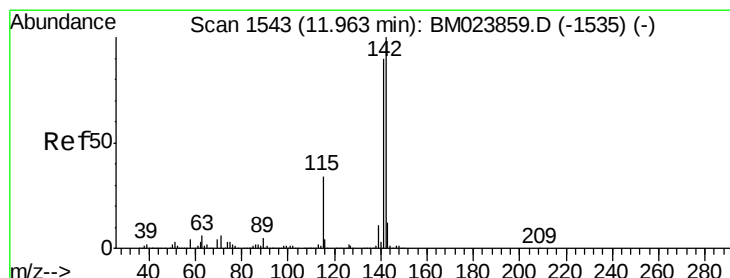
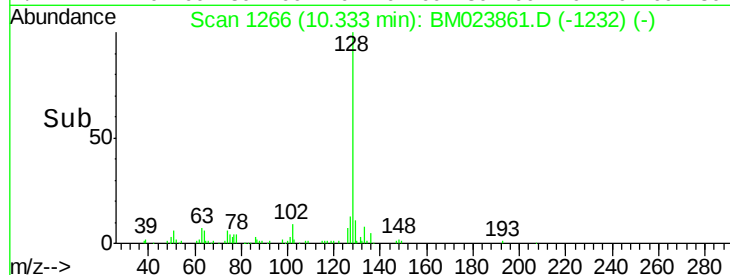
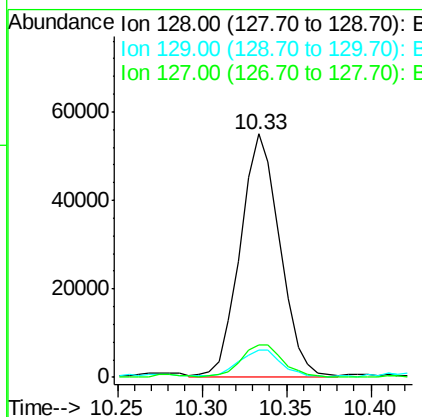
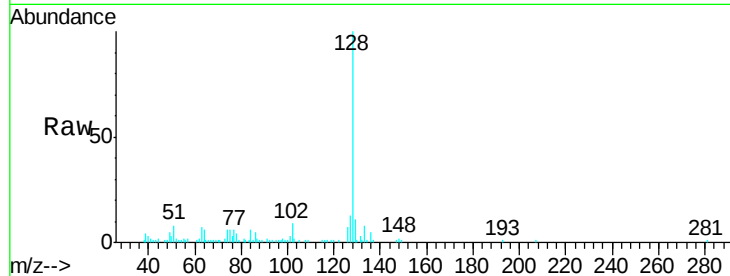
#28
Naphthalene
Concen: 1.513 ng/ul
RT: 10.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.6	16.0

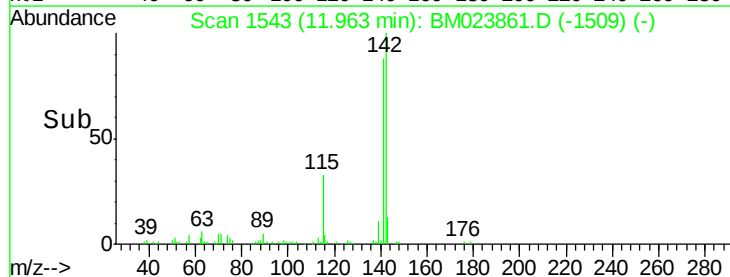
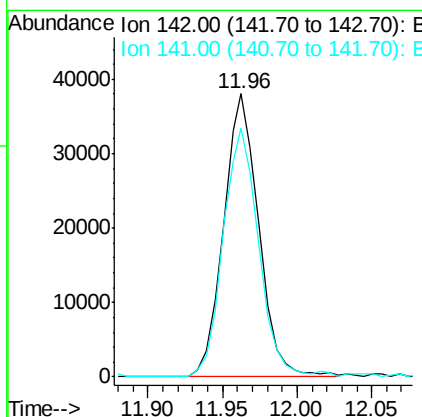
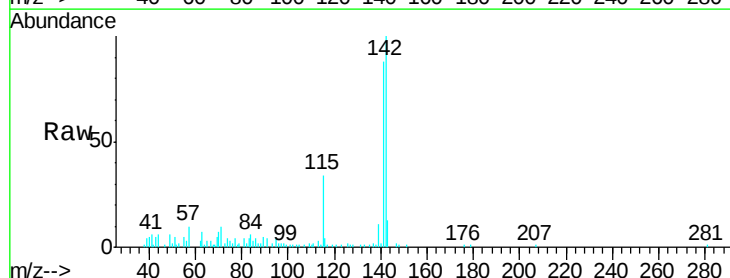
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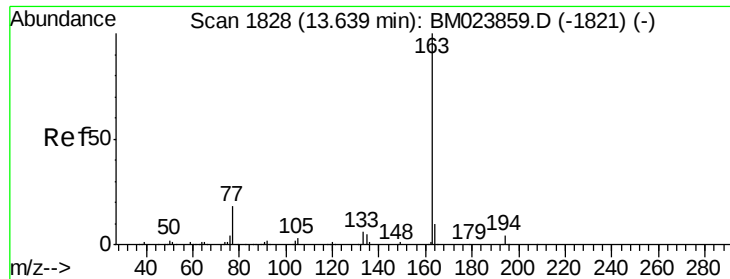
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#34
2-Methylnaphthalene
Concen: 1.368 ng/ul
RT: 11.96 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.8





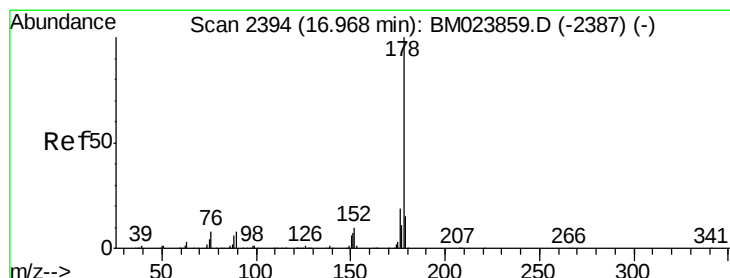
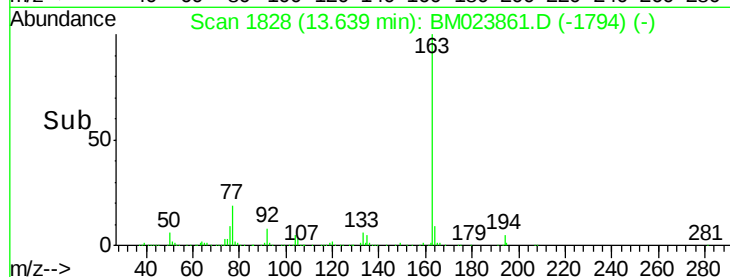
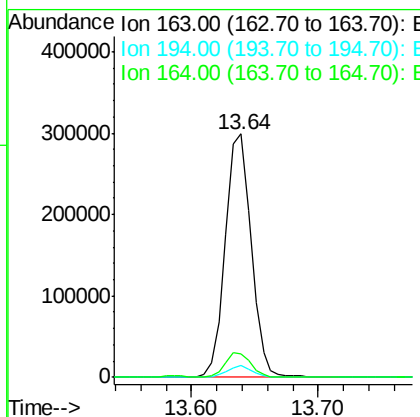
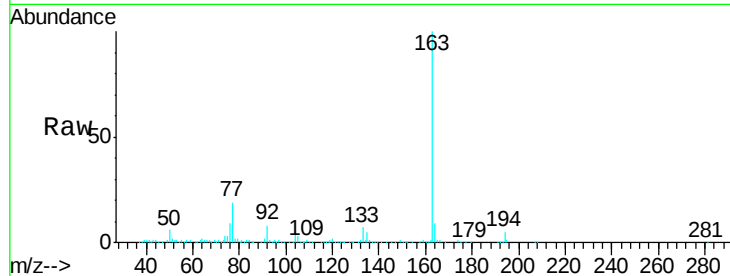
#45
Dimethylphthalate
Concen: 7.620 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	420224		
194	4.7		3.4	5.2
164	9.4		8.0	12.0

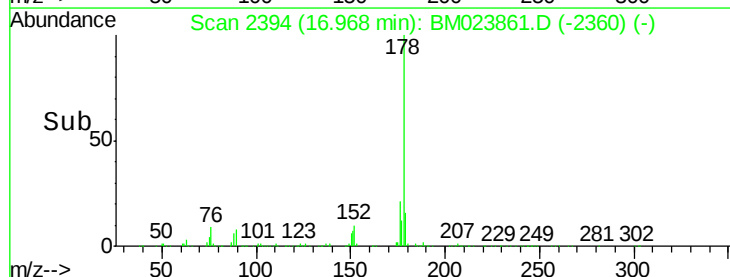
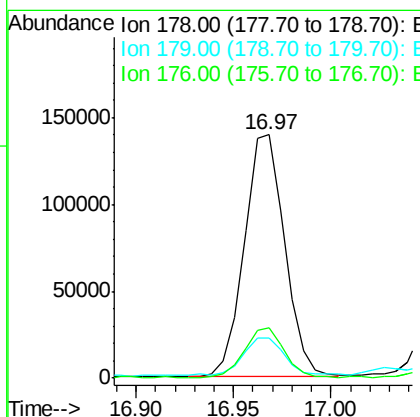
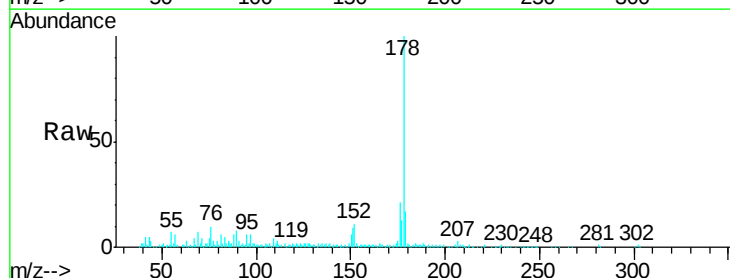
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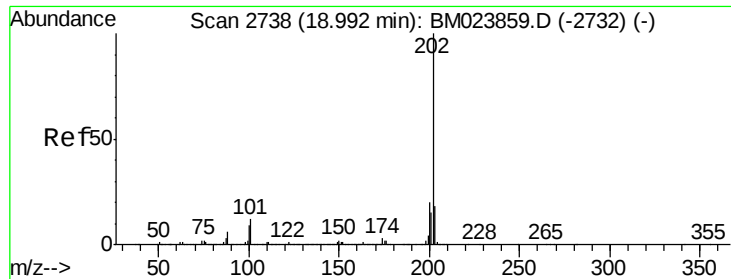
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#70
Phenanthrene
Concen: 2.297 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	199617		
179	16.5		12.3	18.5
176	20.8		15.0	22.6





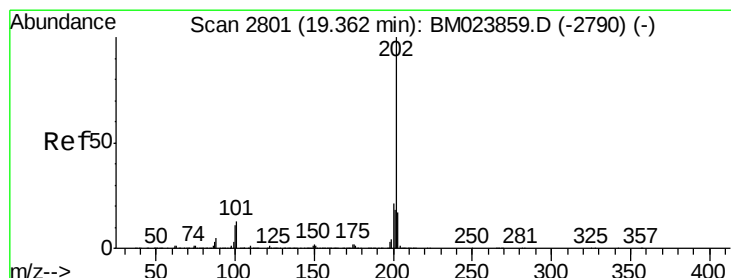
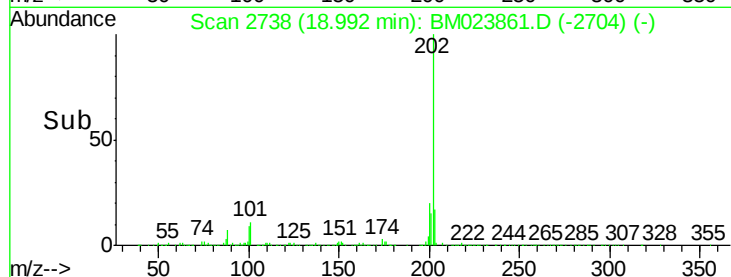
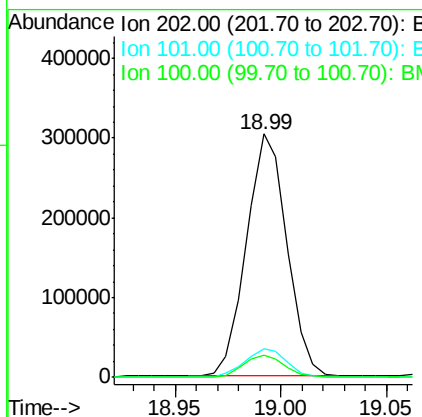
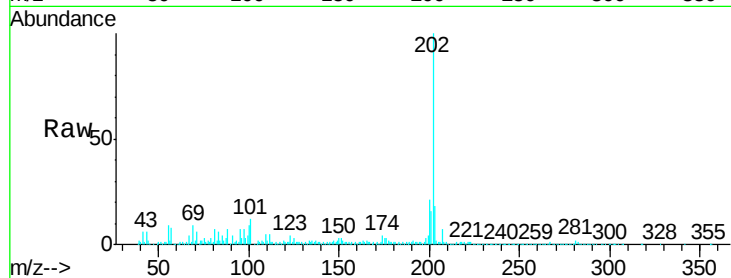
#77
Fluoranthene
Concen: 4.341 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.00 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	7.7	11.5#
100	9.3	6.0	9.0#

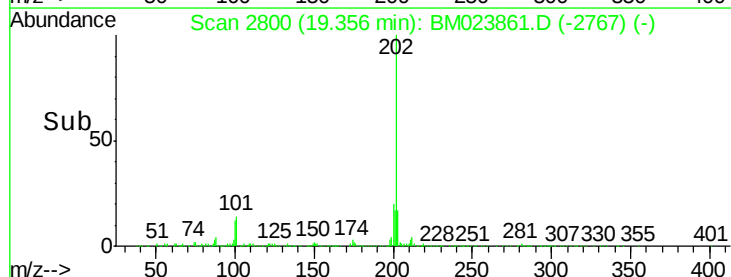
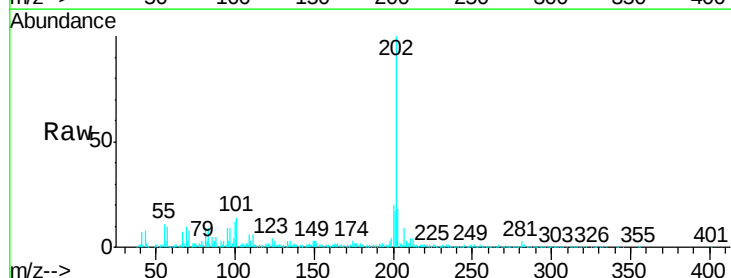
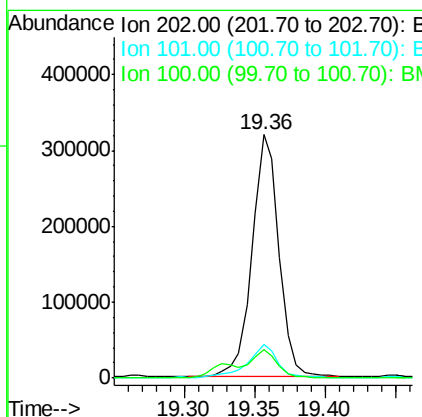
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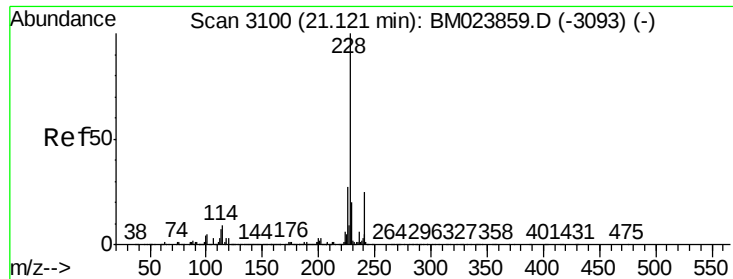
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#80
Pyrene
Concen: 4.335 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	9.8	14.6
100	11.8	8.1	12.1





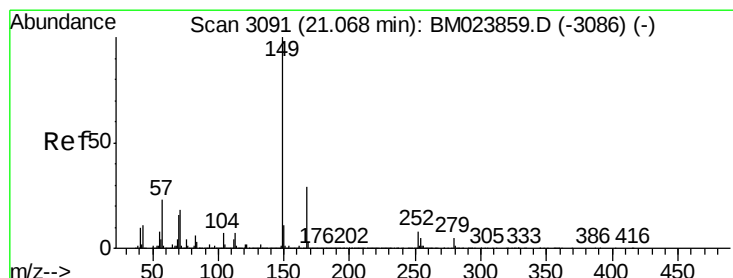
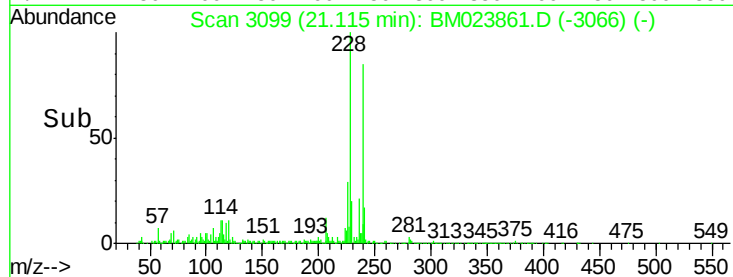
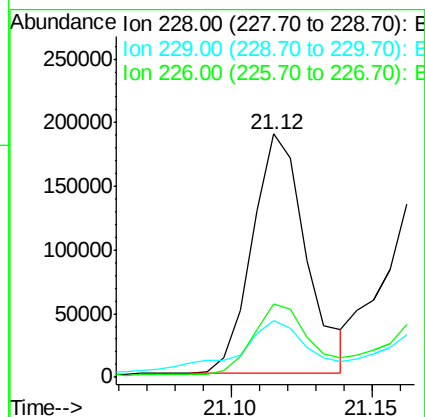
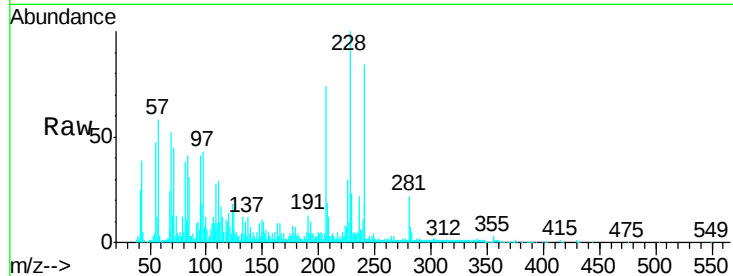
#83
Benzo(a)anthracene
Concen: 2.461 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.6	23.4
226	30.4	21.4	32.2

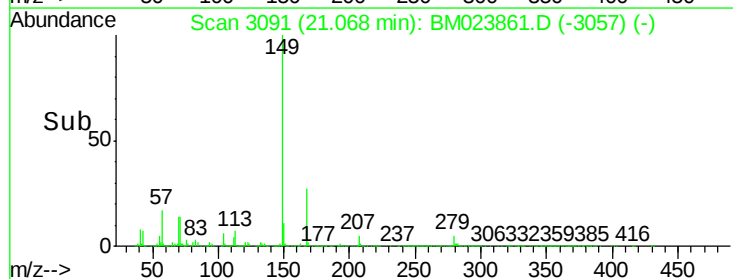
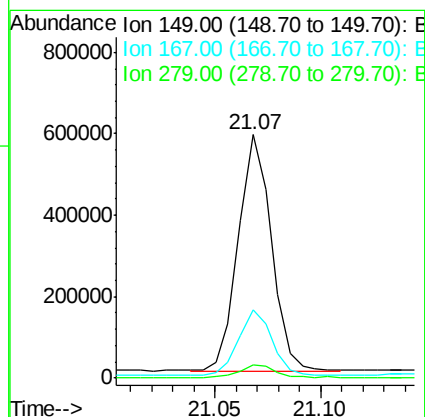
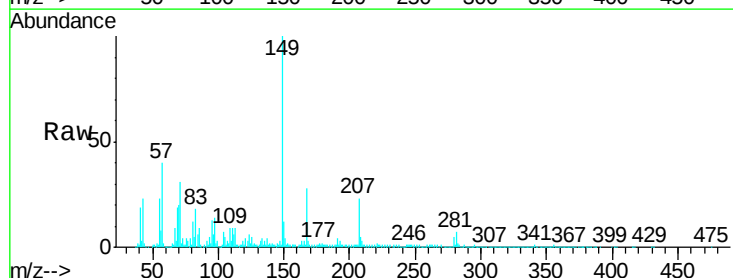
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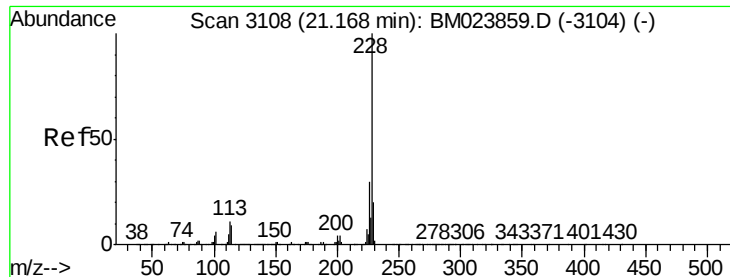
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#84
Bis(2-ethylhexyl)phthalate
Concen: 13.352 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM023861.D
Acq: 22 Nov 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.4	35.2
279	5.4	5.0	7.4





#85

Chrysene

Concen: 2.463 ng/ul m

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM023861.D

Acq: 22 Nov 2019 16:33

Instrument :

BNA_M

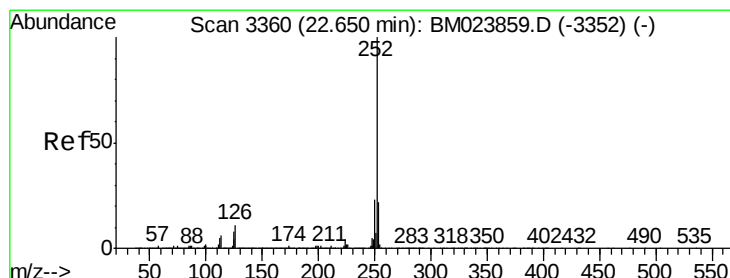
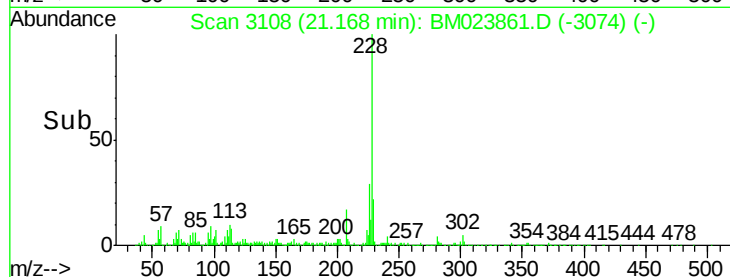
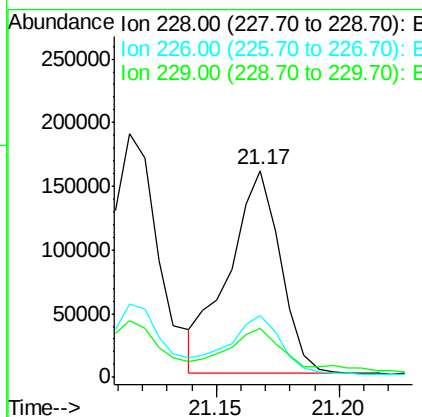
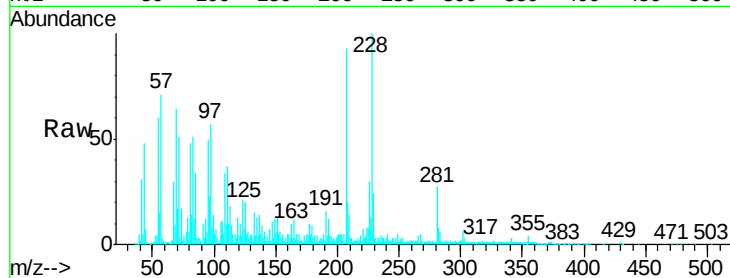
ClientSampleId :

C0AC2

Tgt Ion:	228	Resp:	234799
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.8
229	23.7	15.8	23.6

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#88

Benzo(b)fluoranthene

Concen: 3.338 ng/ul

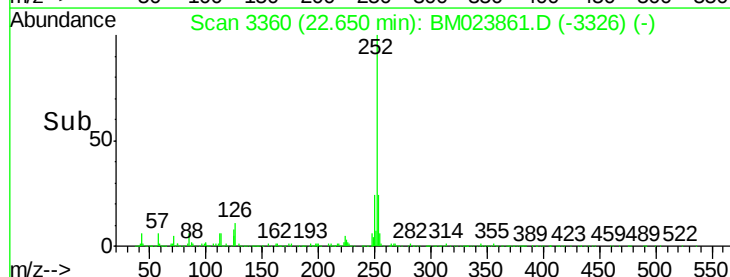
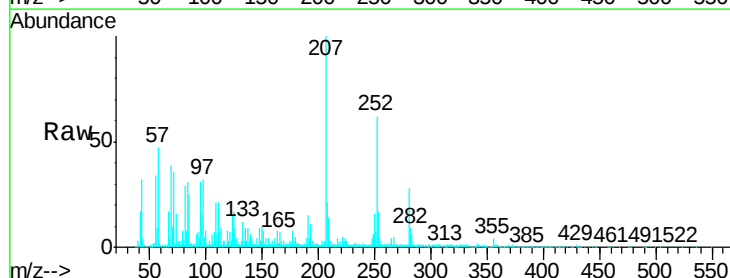
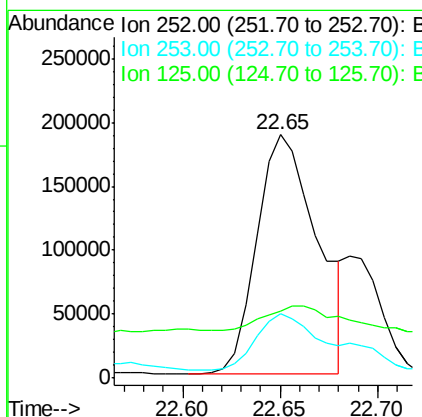
RT: 22.65 min Scan# 3360

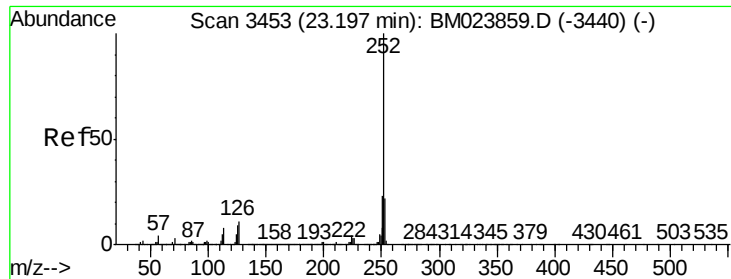
Delta R.T. -0.00 min

Lab File: BM023861.D

Acq: 22 Nov 2019 16:33

Tgt Ion:	252	Resp:	403988
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.8	26.8
125	27.5	6.5	9.7





#91

Benzo(a)pyrene

Concen: 2.317 ng/ul

RT: 23.20 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM023861.D

Acq: 22 Nov 2019 16:33

Instrument :

BNA_M

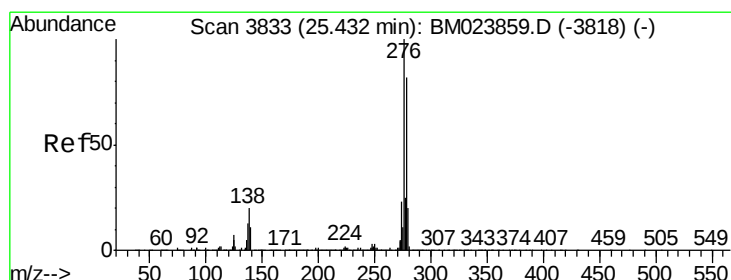
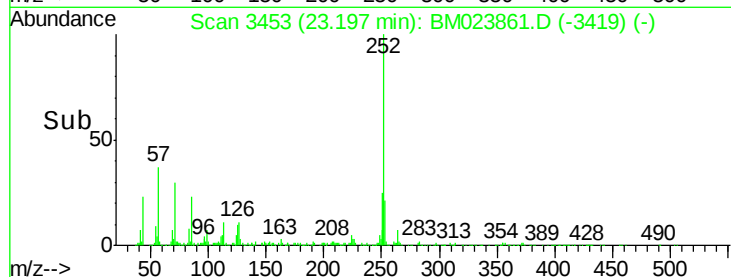
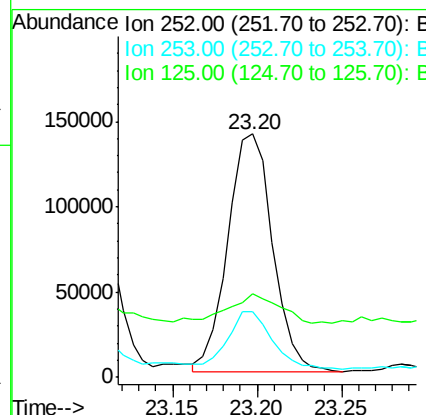
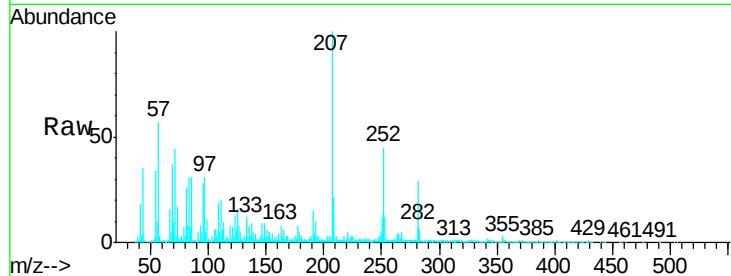
ClientSampleId :

C0AC2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	256768		
253	27.0	17.3	25.9#	
125	34.2	6.9	10.3#	

Manual Integrations
APPROVED

mohammad
11/25/2019 8:20:41 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.469 ng/ul

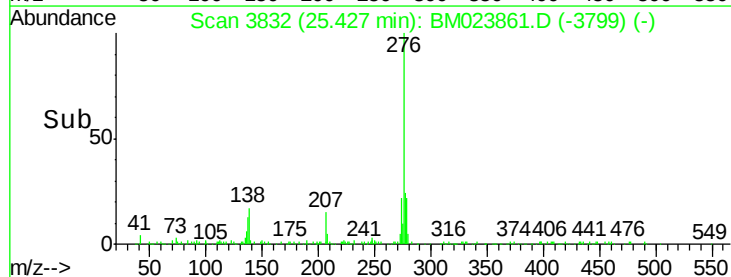
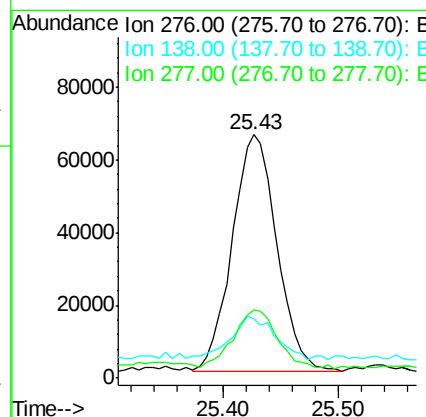
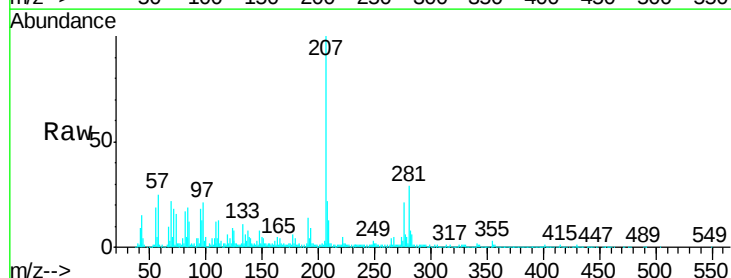
RT: 25.43 min Scan# 3832

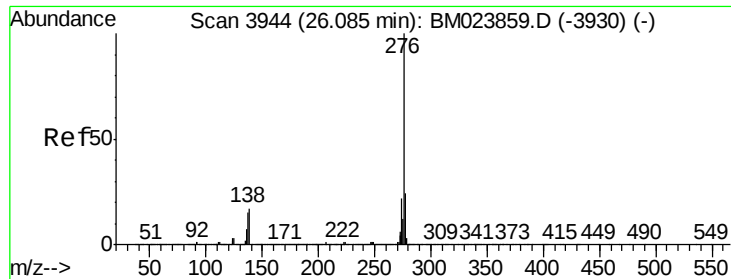
Delta R.T. -0.01 min

Lab File: BM023861.D

Acq: 22 Nov 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	174034		
138	24.3	15.0	22.4#	
277	27.8	20.0	30.0	





#94

Benzo(g,h,i)perylene

Concen: 1.741 ng/ul

RT: 26.08 min Scan# 3943

Delta R.T. -0.01 min

Lab File: BM023861.D

Acq: 22 Nov 2019 16:33

Instrument :

BNA_M

ClientSampleId :

C0AC2

Tgt	Ion	276	Resp:	167183
	Ratio	100	Lower	Upper
	276	100		
	138	23.5	13.2	19.8#
	277	27.6	18.6	28.0

Manual Integrations
APPROVED

mohammad
11/25/2019 8:20:41 AM

