

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112219\
 Data File : BM023878.D
 Acq On : 23 Nov 2019 03:57
 Operator : JU
 Sample : K5854-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:21:04 AM

Quant Time: Nov 29 01:46:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 23 05:21:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	398136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1606907	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	996505	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2068644	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1975402	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2494863	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	30763	3.18	ng/uL	0.00
5) Phenol-d5	6.70	99	645346	17.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	375309	18.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	535643	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	489565	16.91	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	259366	22.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	295880	24.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	528052	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	543602	17.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1602050	20.62	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1969764	22.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	158512	11.95	ng/ul	0.01
58) Fluorene-d10	15.17	176	1458463	21.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	61686	5.16	ng/ul	0.00
71) Anthracene-d10	17.02	188	2220506	22.63	ng/ul	0.00
79) Pyrene-d10	19.33	212	2426816	23.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	3068702	23.37	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.73	94	178002	4.761	ng/ul	96
14) Acetophenone	8.33	105	79101	1.752	ng/ul	98
28) Naphthalene	10.33	128	118853	1.407	ng/ul	99
32) Caprolactam	11.28	113	10245m	1.192	ng/ul	
34) 2-Methylnaphthalene	11.96	142	95770	1.482	ng/ul	99
45) Dimethylphthalate	13.63	163	693367	9.105	ng/ul	99
70) Phenanthrene	16.96	178	914498	8.026	ng/ul	99
72) Anthracene	17.06	178	240097	2.096	ng/ul	99
75) Carbazole	17.33	167	113687	1.190	ng/ul#	94
77) Fluoranthene	18.99	202	1384513	11.341	ng/ul	96
80) Pyrene	19.36	202	1289126	10.096	ng/ul	98
81) Butylbenzylphthalate	20.27	149	136561	3.377	ng/ul	91
83) Benzo(a)anthracene	21.12	228	683878	5.248	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	1314826	21.533	ng/ul	98
85) Chrysene	21.16	228	674593	5.499	ng/ul	97
88) Benzo(b)fluoranthene	22.64	252	1018784	6.406	ng/ul#	89
89) Benzo(k)fluoranthene	22.69	252	315859m	2.061	ng/ul	
91) Benzo(a)pyrene	23.19	252	702836	4.827	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.42	276	482426	3.099	ng/ul	96
94) Benzo(g,h,i)perylene	26.07	276	476834	3.780	ng/ul#	93

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

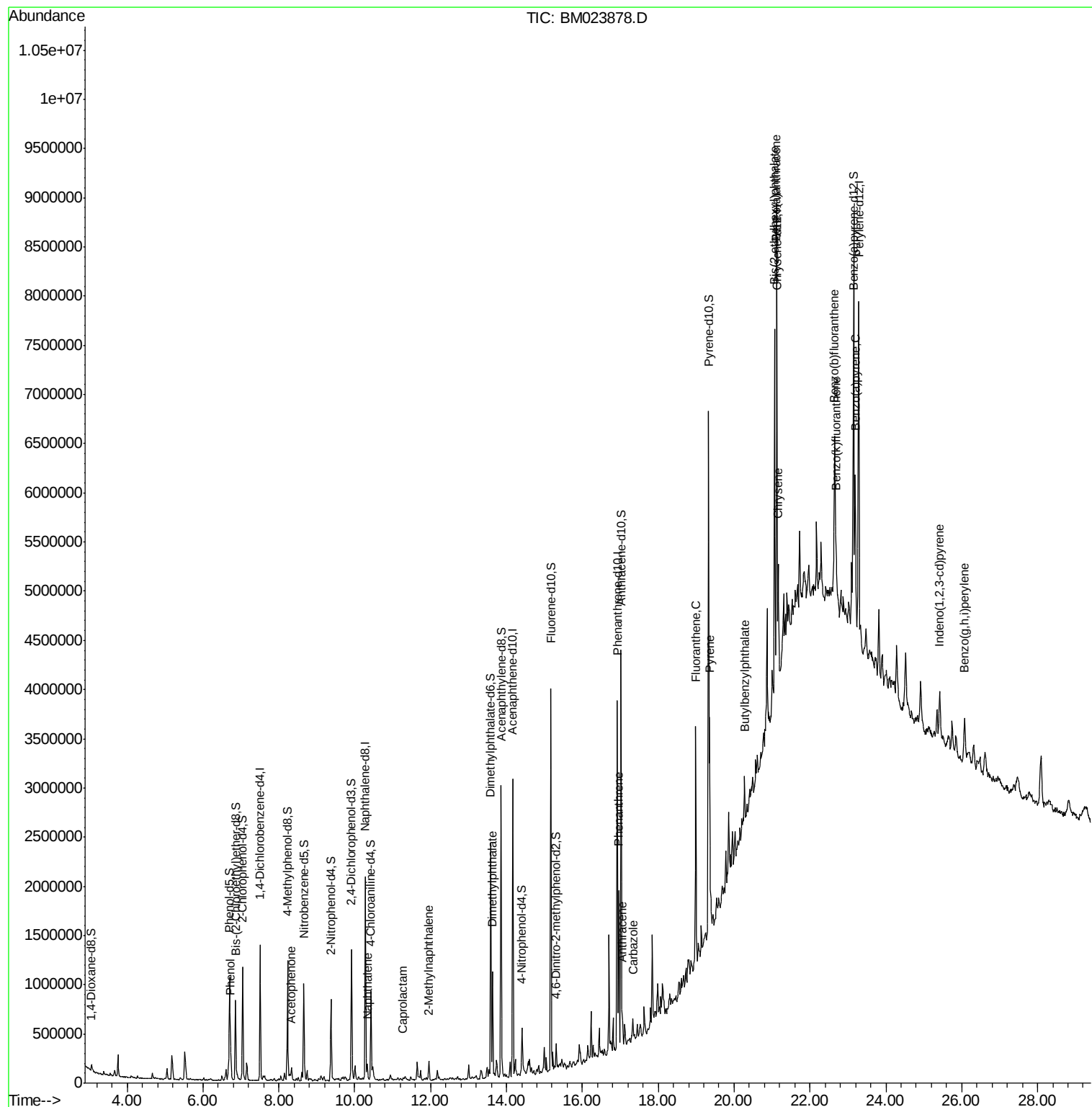
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112219\
 Data File : BM023878.D
 Acq On : 23 Nov 2019 03:57
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 ALS Vial : 20 Sample Multiplier: 1

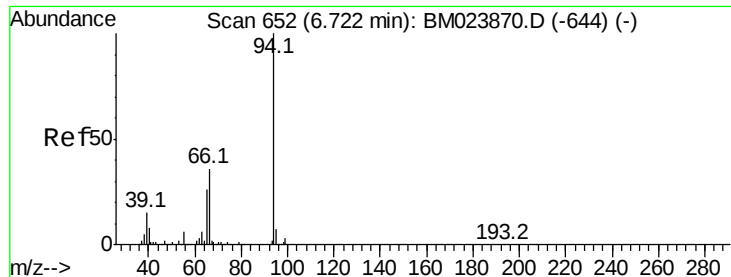
Instrument :
 BNA_M
 ClientSampled :
 C0AD1

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Quant Time: Nov 29 01:46:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 23 05:21:37 2019
 Response via : Initial Calibration





#6

Phenol

Concen: 4.761 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM023878.D

Acq: 23 Nov 2019 03:57

Instrument :

BNA_M

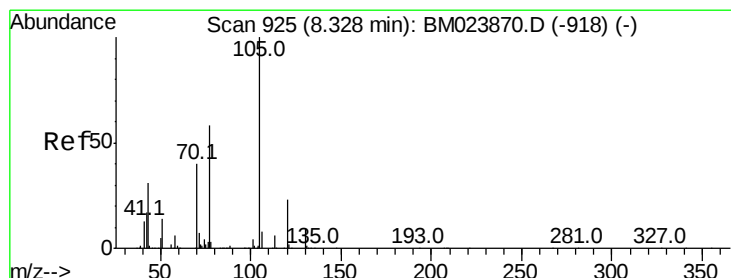
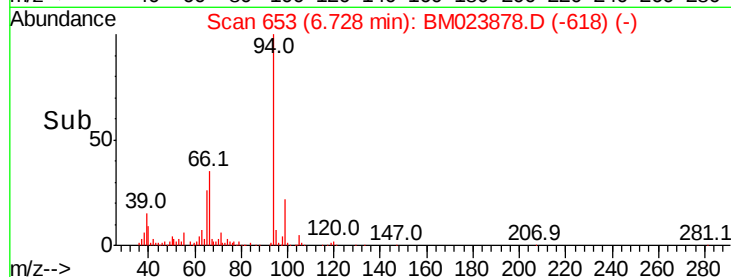
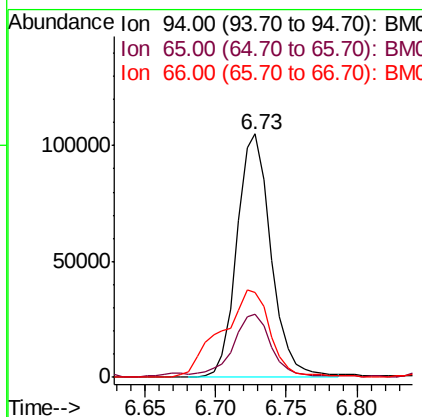
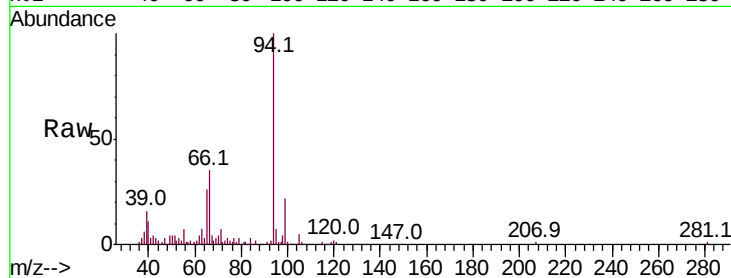
ClientSampled :

C0AD1

Tot Ion:	94	Resp:	178002
Ion Ratio	Lower	Upper	
94	100		
65	25.9	21.4	32.2
66	34.9	30.7	46.1

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#14

Acetophenone

Concen: 1.752 ng/ul

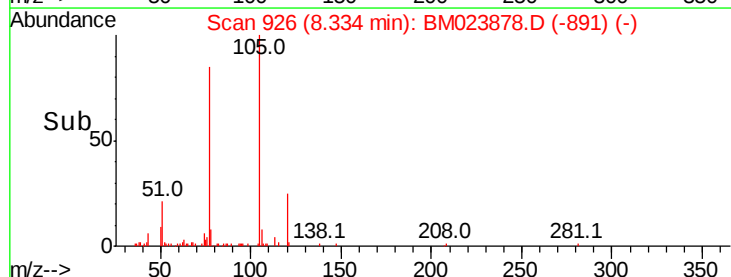
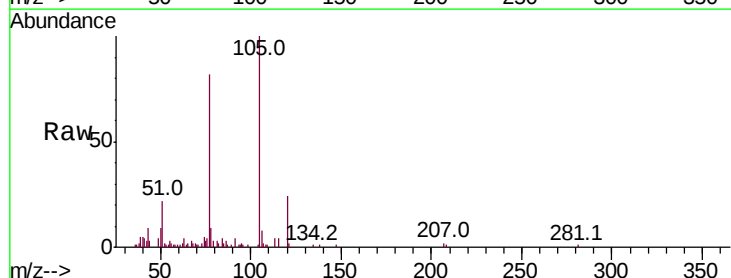
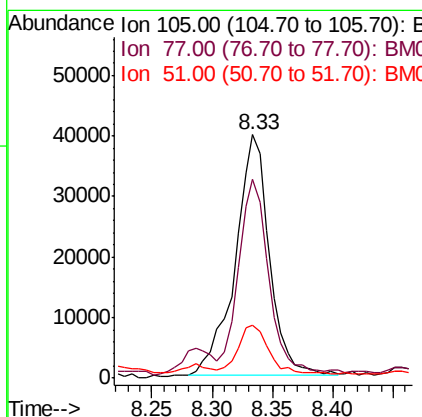
RT: 8.33 min Scan# 926

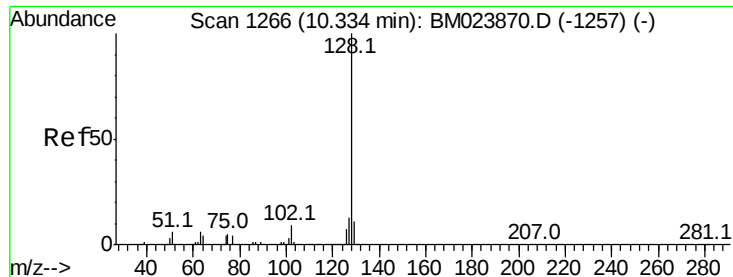
Delta R.T. 0.01 min

Lab File: BM023878.D

Acq: 23 Nov 2019 03:57

Tgt Ion:	105	Resp:	79101
Ion Ratio	Lower	Upper	
105	100		
77	81.9	63.8	95.6
51	21.5	16.3	24.5





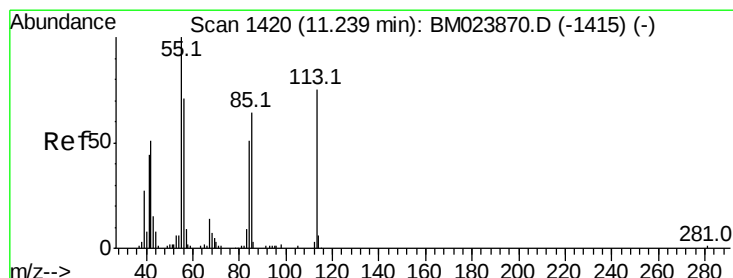
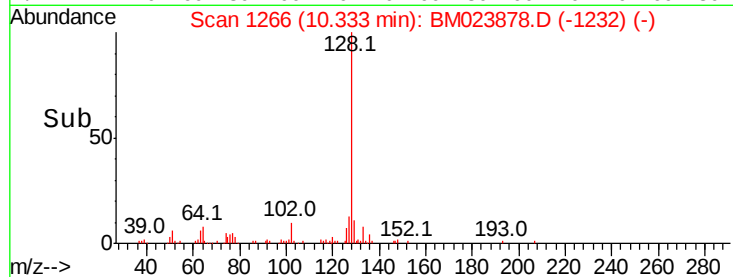
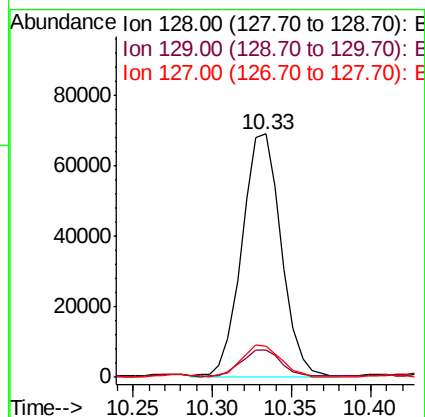
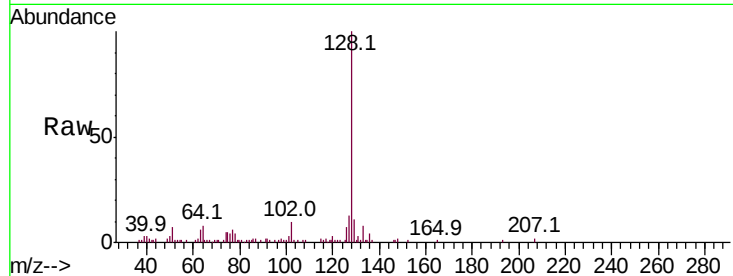
#28
Naphthalene
Concen: 1.407 ng/ul
RT: 10.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Resp	Lower	Upper
128	100	118853		
129	11.0	8.7	13.1	
127	13.0	10.6	16.0	

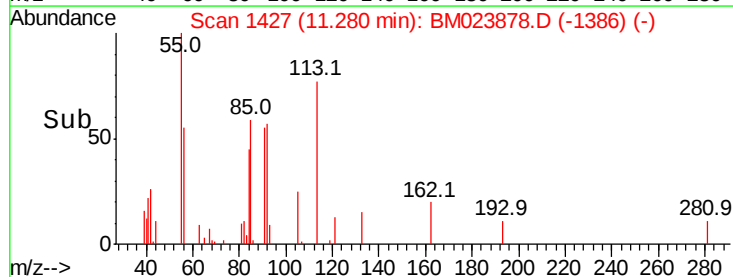
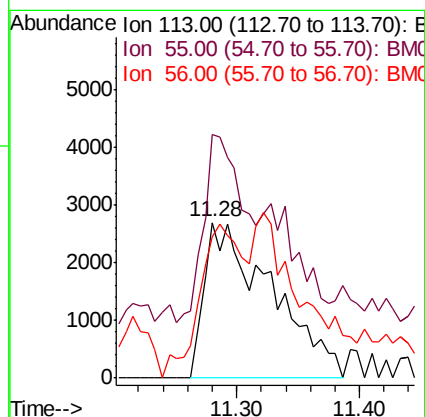
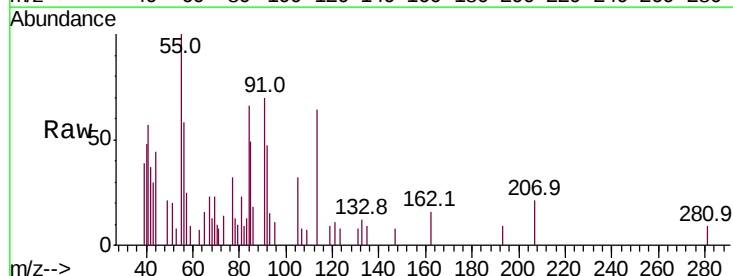
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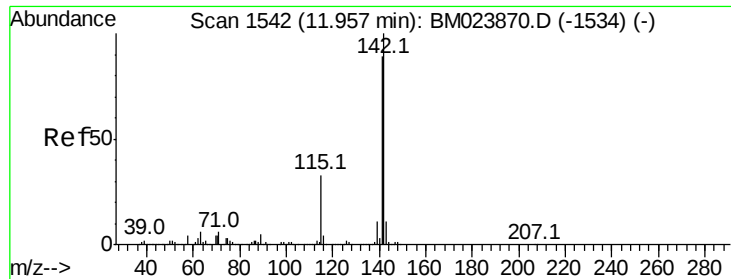
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#32
Caprolactam
Concen: 1.192 ng/ul m
RT: 11.28 min Scan# 1427
Delta R.T. 0.04 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	10245		
55	156.4	105.8	158.6	
56	90.8	83.0	124.6	





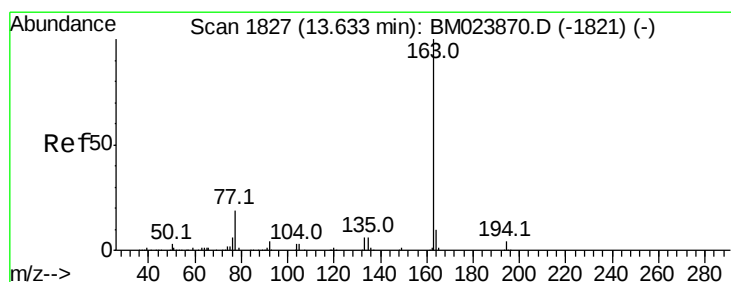
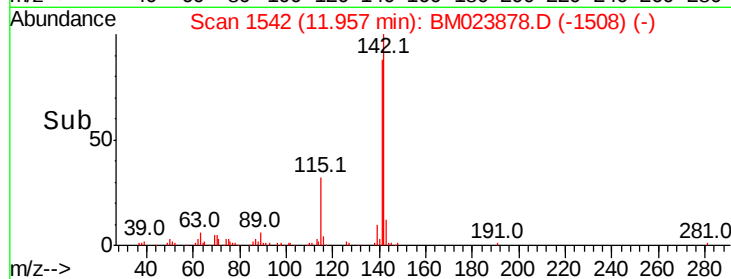
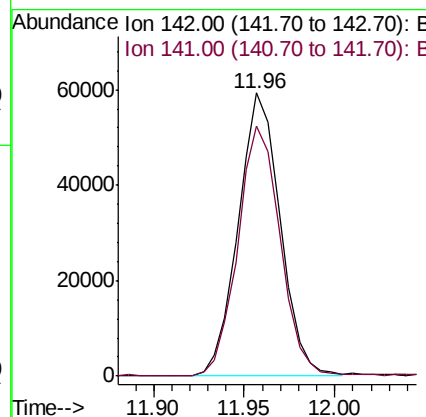
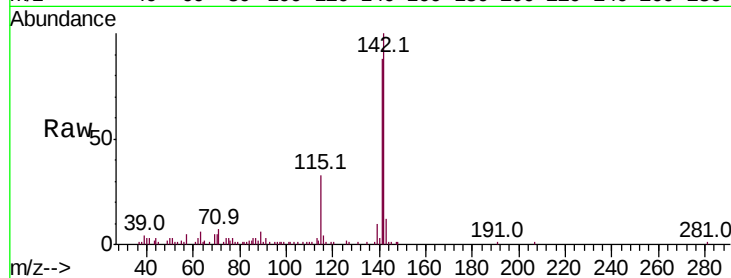
#34
2-Methylnaphthalene
Concen: 1.482 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.8

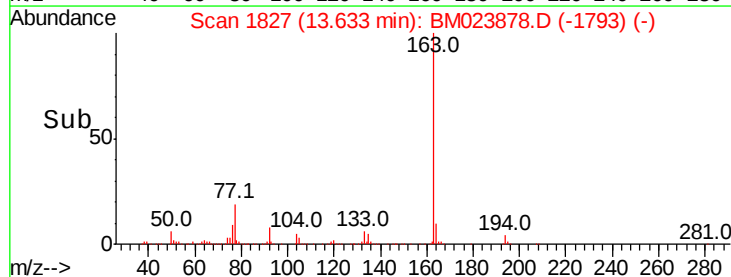
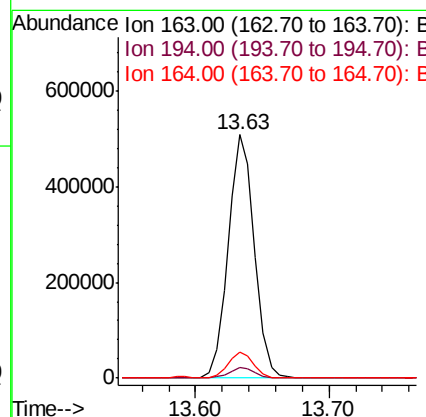
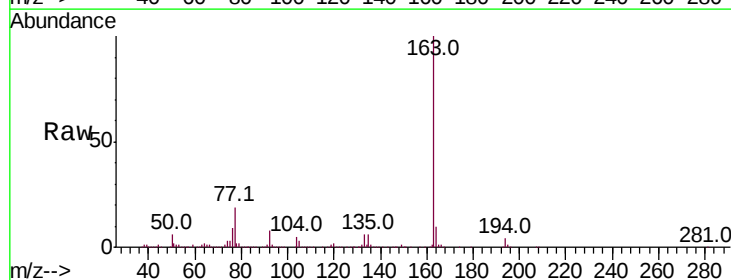
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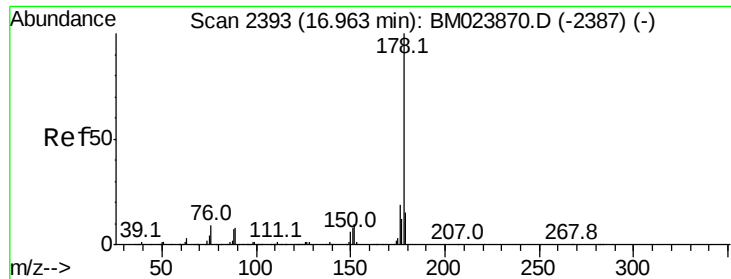
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#45
Dimethylphthalate
Concen: 9.105 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.0	12.0





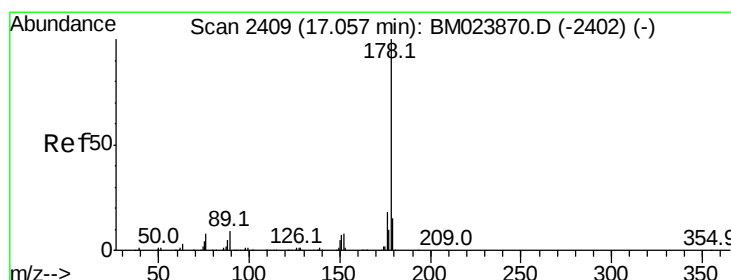
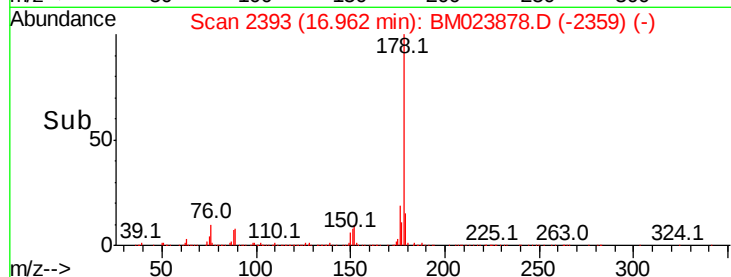
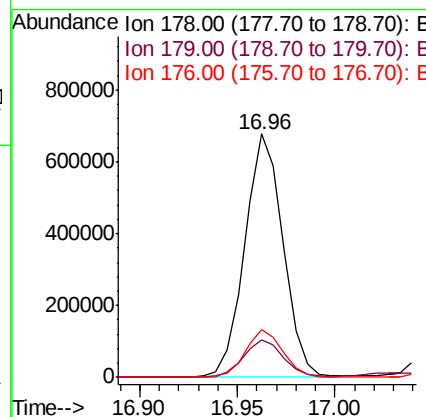
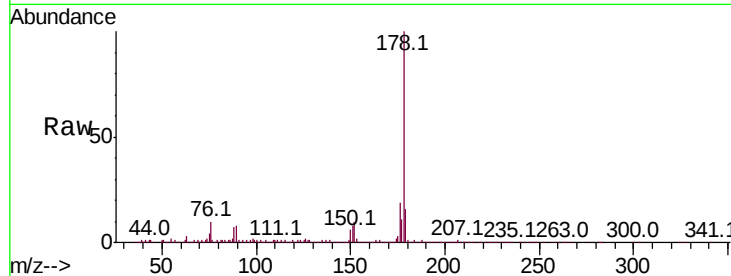
#70
Phenanthrene
Concen: 8.026 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.0	22.6

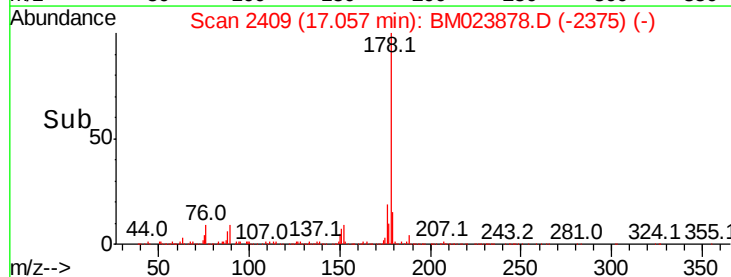
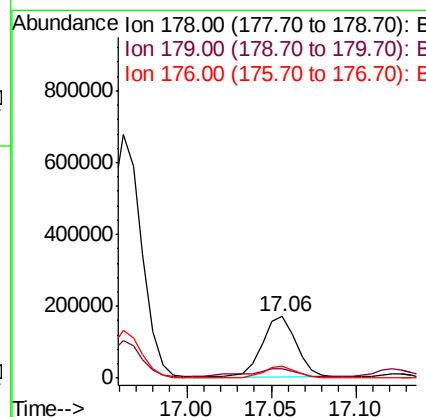
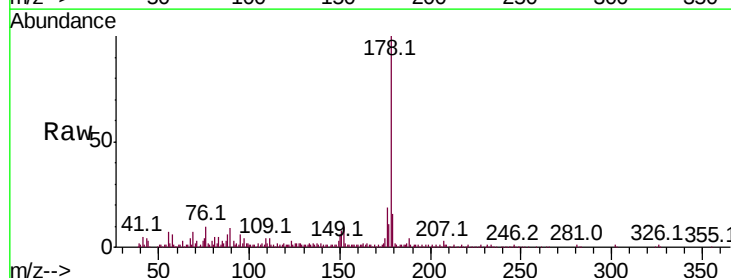
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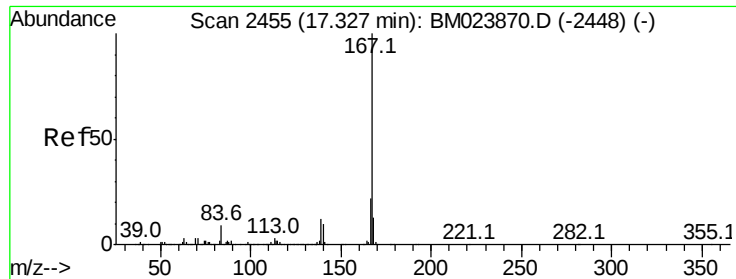
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#72
Anthracene
Concen: 2.096 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.0	14.7	22.1





#75

Carbazole

Concen: 1.190 ng/ul

RT: 17.33 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BM023878.D

Acq: 23 Nov 2019 03:57

Instrument :

BNA_M

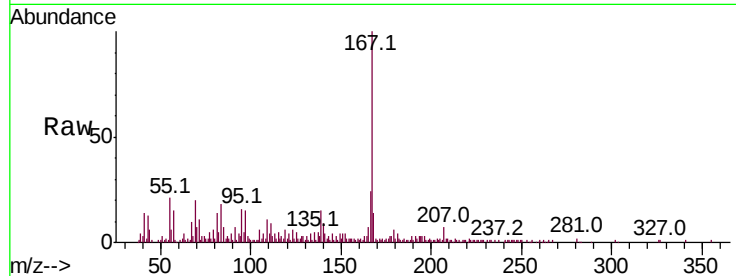
ClientSampleId :

C0AD1

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.1	25.7
139	14.7	9.8	14.6

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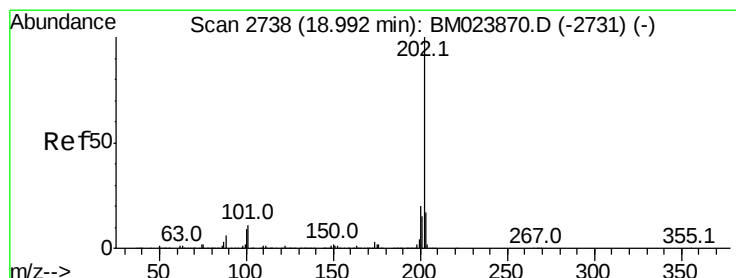
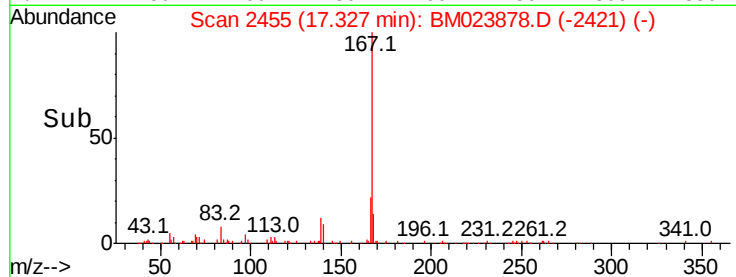
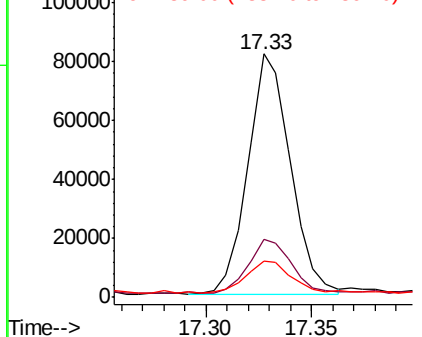


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 11.341 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM023878.D

Acq: 23 Nov 2019 03:57

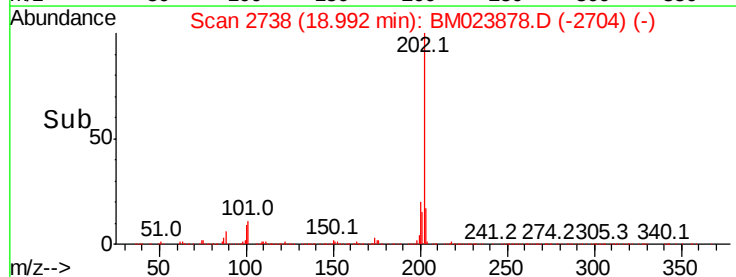
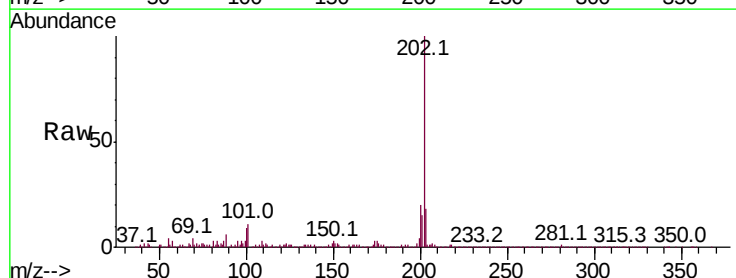
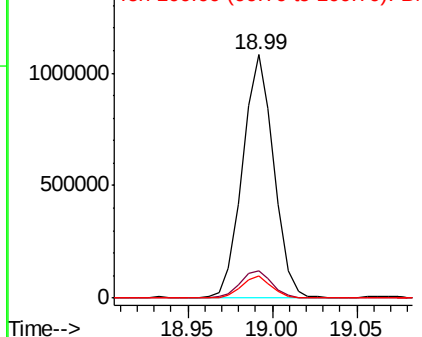
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.7	11.5
100	8.9	6.0	9.0

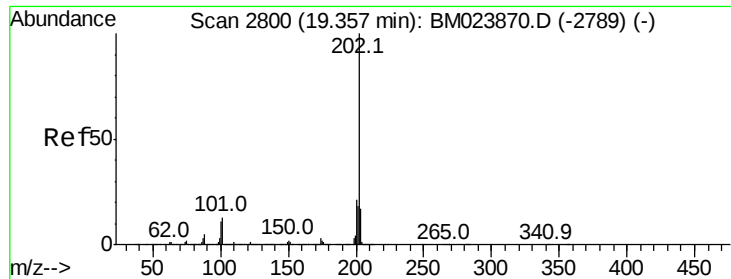
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





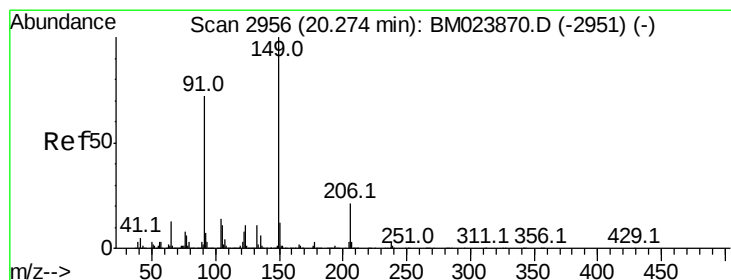
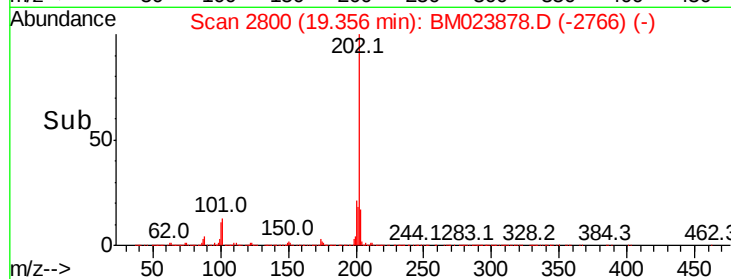
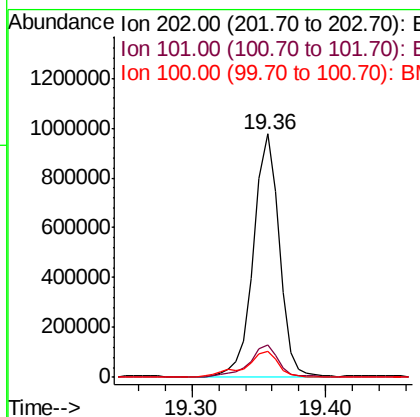
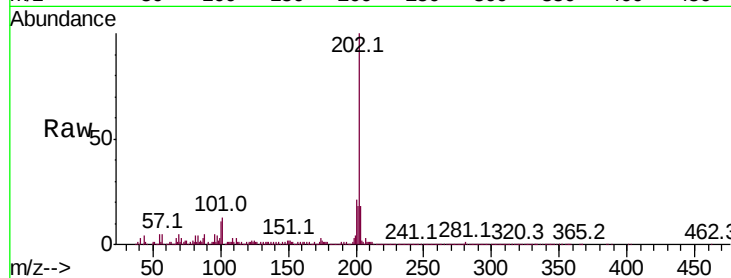
#80
Pvrene
Concen: 10.096 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.6
100	10.8	8.1	12.1

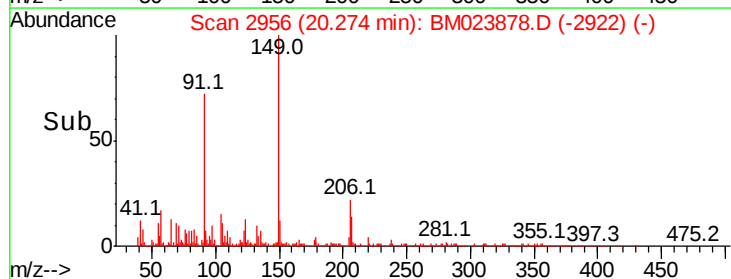
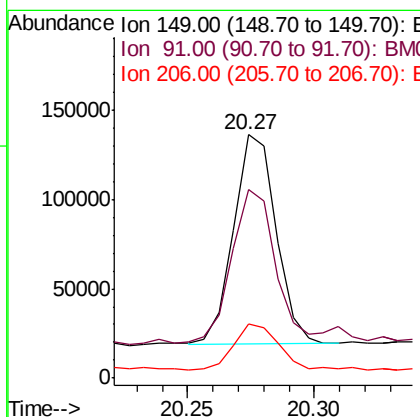
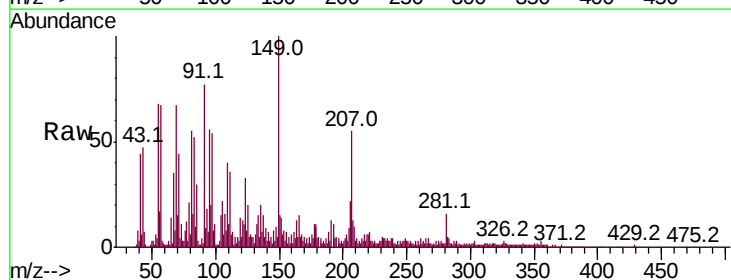
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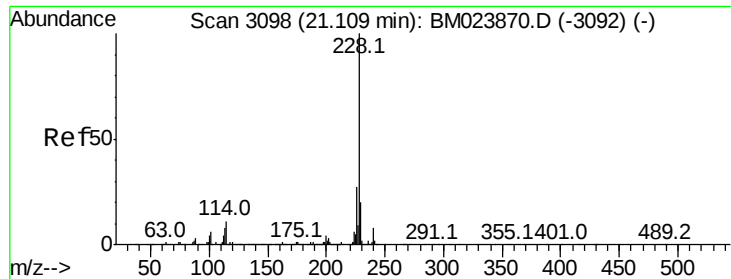
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#81
Butylbenzylphthalate
Concen: 3.377 ng/ul
RT: 20.27 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.3	54.9	82.3
206	22.2	19.3	28.9





#83

Benzo(a)anthracene

Concen: 5.248 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM023878.D

Acq: 23 Nov 2019 03:57

Instrument :

BNA_M

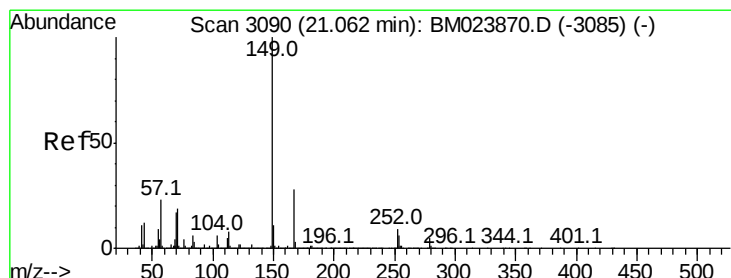
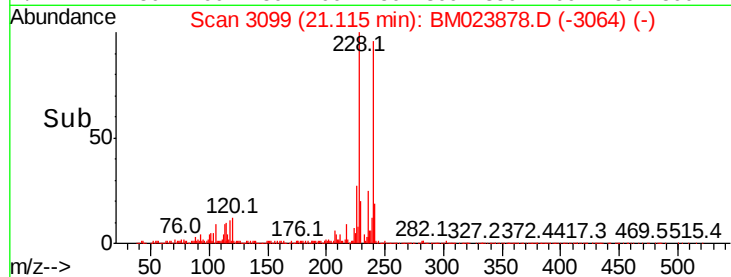
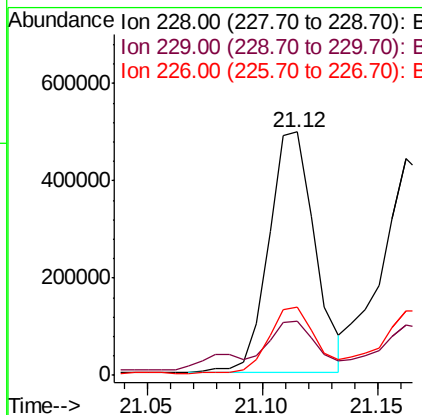
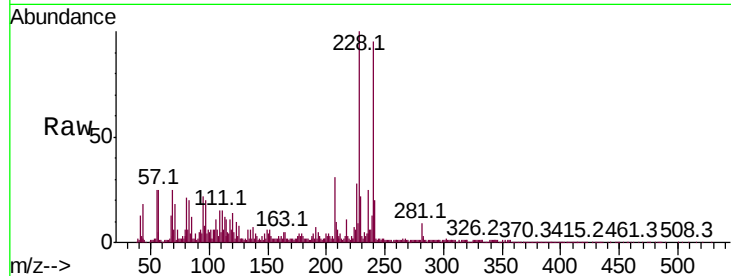
ClientSampled :

C0AD1

Tot Ion:	228	Resp:	683878
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.6	23.4
226	28.1	21.4	32.2

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#84

Bis(2-ethylhexyl)phthalate

Concen: 21.533 ng/ul

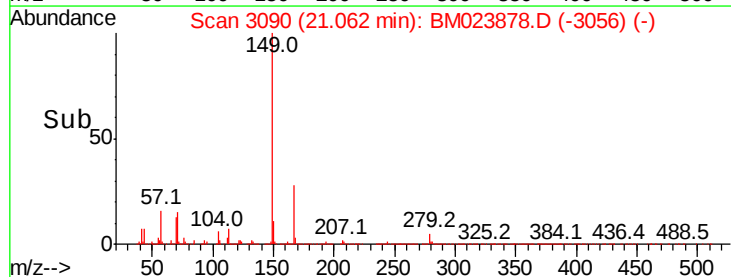
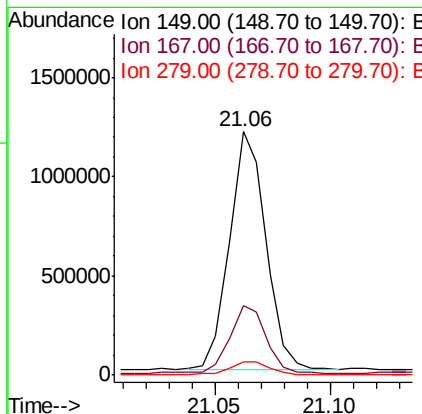
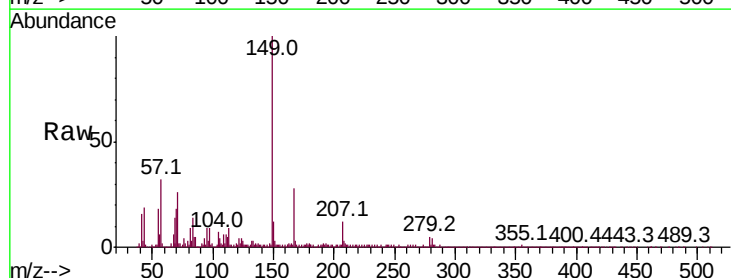
RT: 21.06 min Scan# 3090

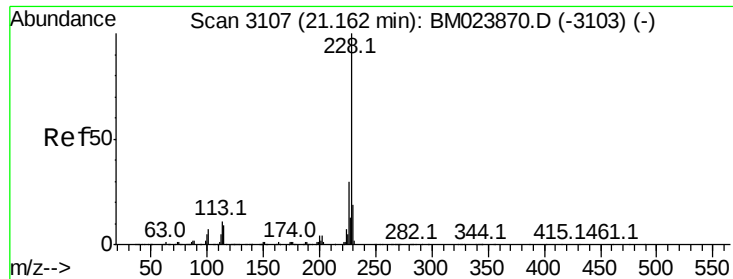
Delta R.T. -0.00 min

Lab File: BM023878.D

Acq: 23 Nov 2019 03:57

Tgt Ion:	149	Resp:	1314826
Ion Ratio	Lower	Upper	
149	100		
167	28.4	23.4	35.2
279	5.4	5.0	7.4





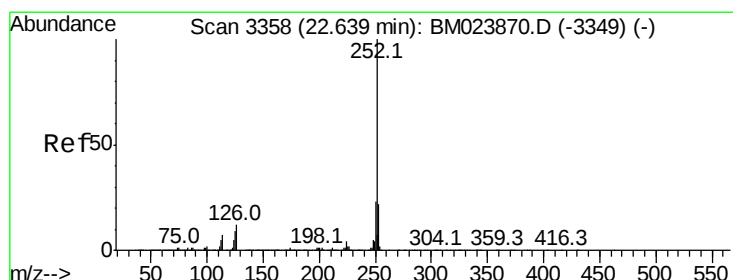
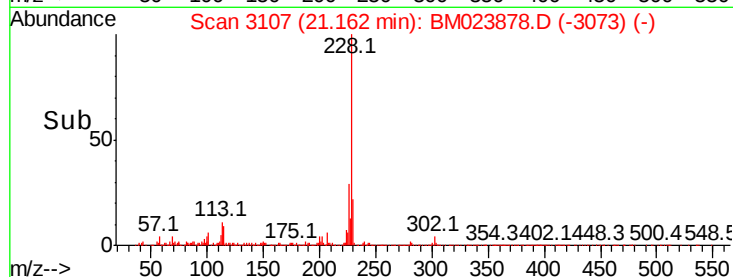
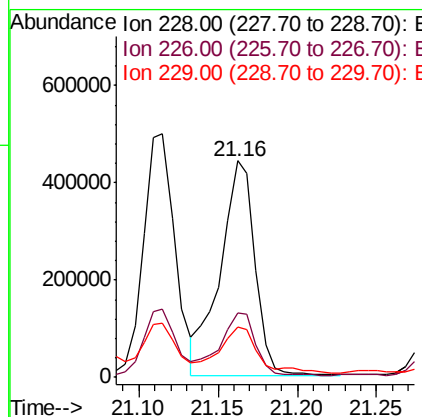
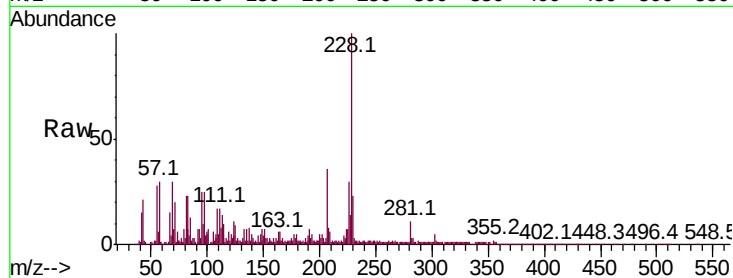
#85
Chrysene
Concen: 5.499 ng/ul
RT: 21.16 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	23.4	15.8	23.6

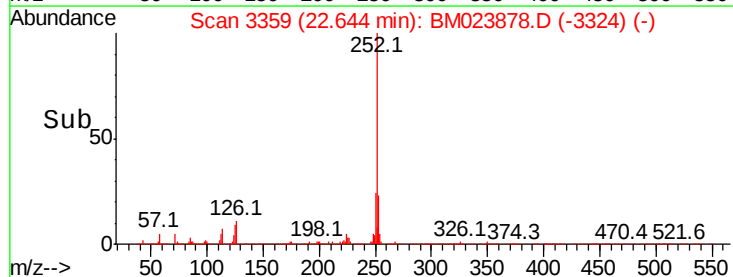
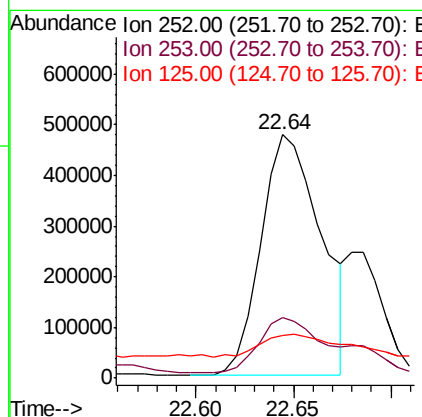
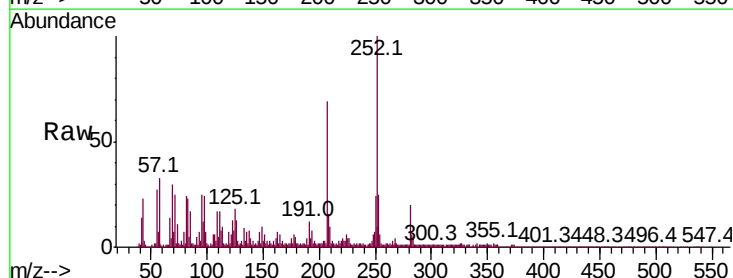
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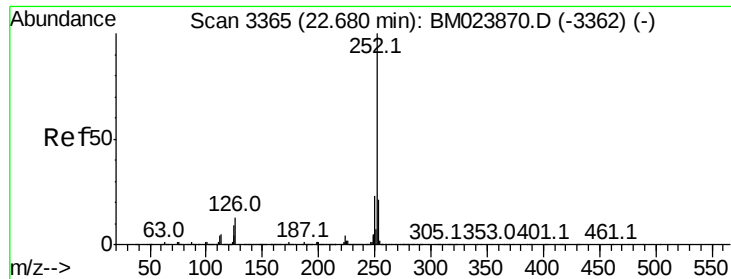
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#88
Benzo(b)fluoranthene
Concen: 6.406 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM023878.D
Acq: 23 Nov 2019 03:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	17.6	6.5	9.7#





#89

Benzo(k)fluoranthene

Concen: 2.061 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BM023878.D

Acq: 23 Nov 2019 03:57

Instrument :

BNA_M

ClientSampleId :

C0AD1

Tot Ion:252 Resp: 315859
Ion Ratio Lower Upper

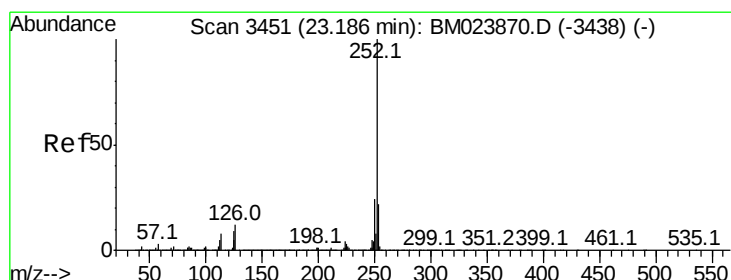
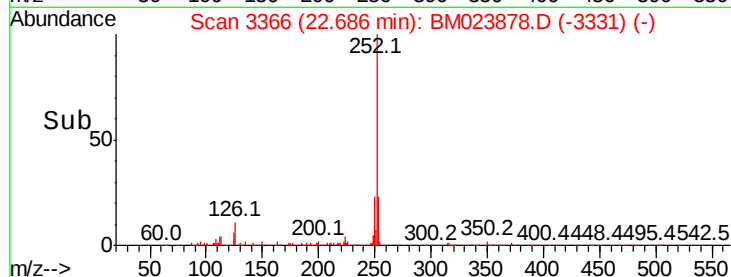
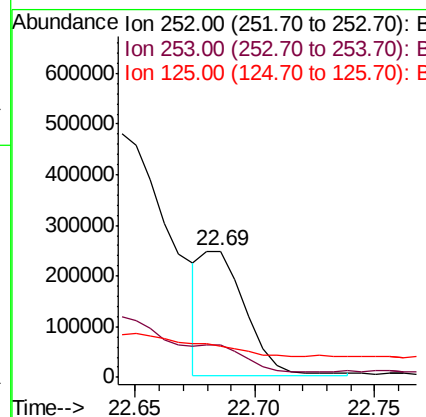
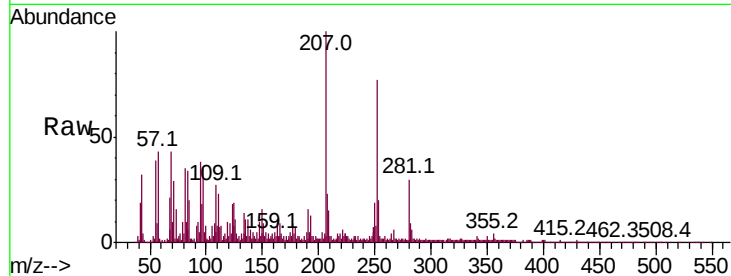
252 100

253 25.8 17.2 25.8#

125 24.7 5.9 8.9#

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#91

Benzo(a)pyrene

Concen: 4.827 ng/ul

RT: 23.19 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM023878.D

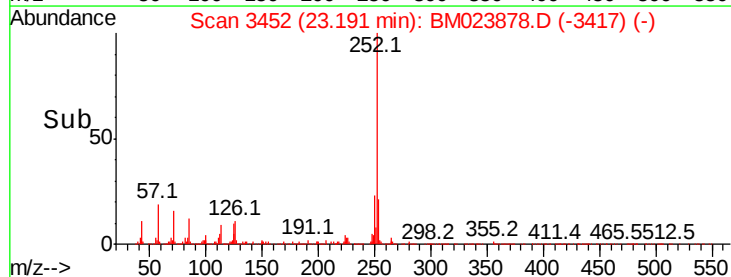
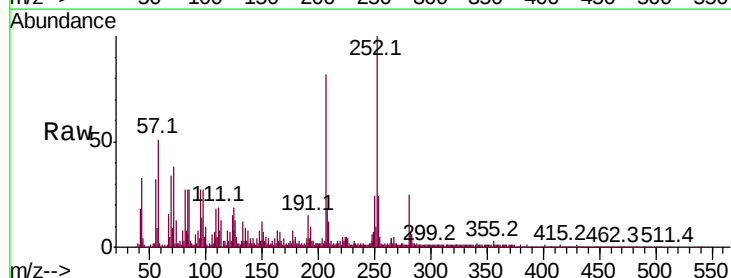
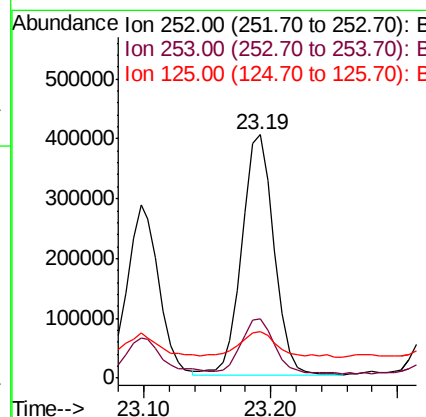
Acq: 23 Nov 2019 03:57

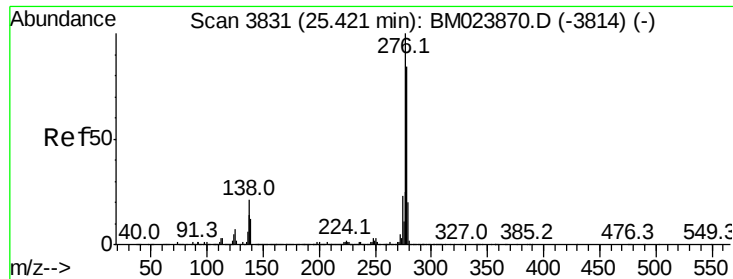
Tgt Ion:252 Resp: 702836
Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

125 19.3 6.9 10.3#





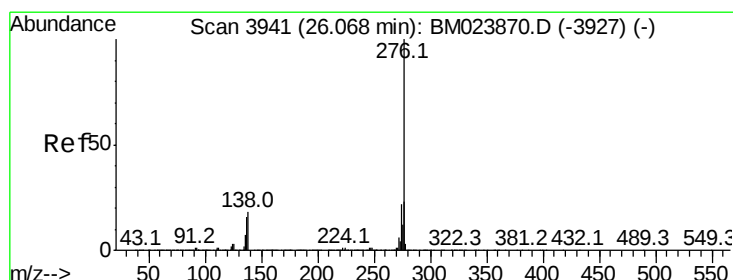
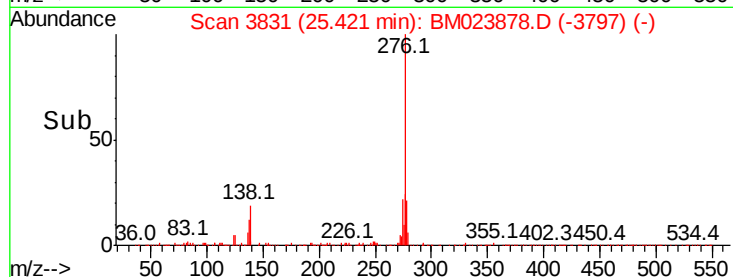
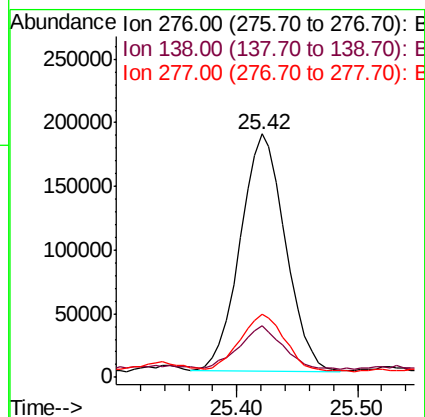
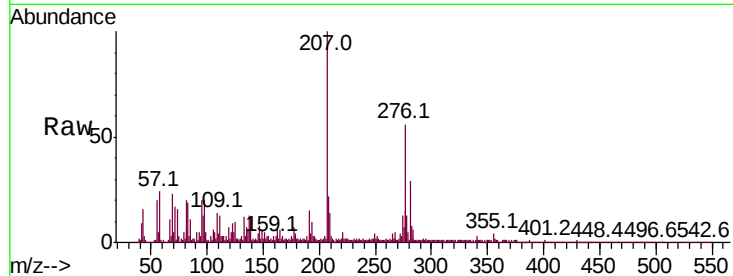
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.099 ng/ul
 RT: 25.42 min Scan# 3831
 Delta R.T. -0.00 min
 Lab File: BM023878.D
 Acq: 23 Nov 2019 03:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Tot Ion:	276	Resp:	482426
Ion Ratio	Lower	Upper	
276	100		
138	21.3	15.0	22.4
277	25.9	20.0	30.0

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#94
 Benzo(g,h,i)perylene
 Concen: 3.780 ng/ul
 RT: 26.07 min Scan# 3942
 Delta R.T. 0.01 min
 Lab File: BM023878.D
 Acq: 23 Nov 2019 03:57

Tgt Ion:	276	Resp:	476834
Ion Ratio	Lower	Upper	
276	100		
138	20.6	13.2	19.8#
277	26.2	18.6	28.0

