

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023840.D
 Acq On : 21 Nov 2019 21:43
 Operator : JU
 Sample : K5851-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

Manual Integrations
 APPROVED

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Quant Time: Nov 22 06:59:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	332013	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1349234	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	823663	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1718677	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1730761	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2116231	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	21912	2.72	ng/uL	0.00
5) Phenol-d5	6.70	99	472194	15.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	274312	15.77	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	390277	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	378614	15.68	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	183408	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	211330	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	390570	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	400236	15.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1183752	18.43	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1443613	19.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	126987	11.58	ng/ul	0.00
58) Fluorene-d10	15.17	176	1070749	18.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	70097	7.05	ng/ul	0.00
71) Anthracene-d10	17.02	188	1657031	20.32	ng/ul	0.00
79) Pyrene-d10	19.33	212	1812560	20.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2268372	20.37	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.73	94	187456	6.013	ng/ul	99
14) Acetophenone	8.34	105	116699	3.099	ng/ul	95
28) Naphthalene	10.33	128	182817	2.578	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	160977	2.967	ng/ul	100
45) Dimethylphthalate	13.64	163	694853	11.039	ng/ul	99
70) Phenanthrene	16.96	178	1052235	11.115	ng/ul	98
75) Carbazole	17.33	167	85535	1.078	ng/ul#	77
76) Di-n-butylphthalate	17.91	149	203422	2.325	ng/ul#	94
77) Fluoranthene	18.99	202	1520458	14.991	ng/ul	96
80) Pyrene	19.36	202	1224632	10.947	ng/ul	99
81) Butylbenzylphthalate	20.28	149	158946	4.486	ng/ul	87
83) Benzo(a)anthracene	21.12	228	334028	2.926	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.07	149	2376381	44.420	ng/ul	99
85) Chrysene	21.17	228	533919	4.968	ng/ul#	94
87) Di-n-octyl phthalate	21.93	149	1052303	10.174	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	589772	4.372	ng/ul#	73
89) Benzo(k)fluoranthene	22.69	252	171893m	1.323	ng/ul	
91) Benzo(a)pyrene	23.20	252	306345	2.481	ng/ul#	65
92) Indeno(1,2,3-cd)pyrene	25.43	276	220306	1.668	ng/ul#	94
94) Benzo(g,h,i)perylene	26.08	276	234577	2.192	ng/ul#	90

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

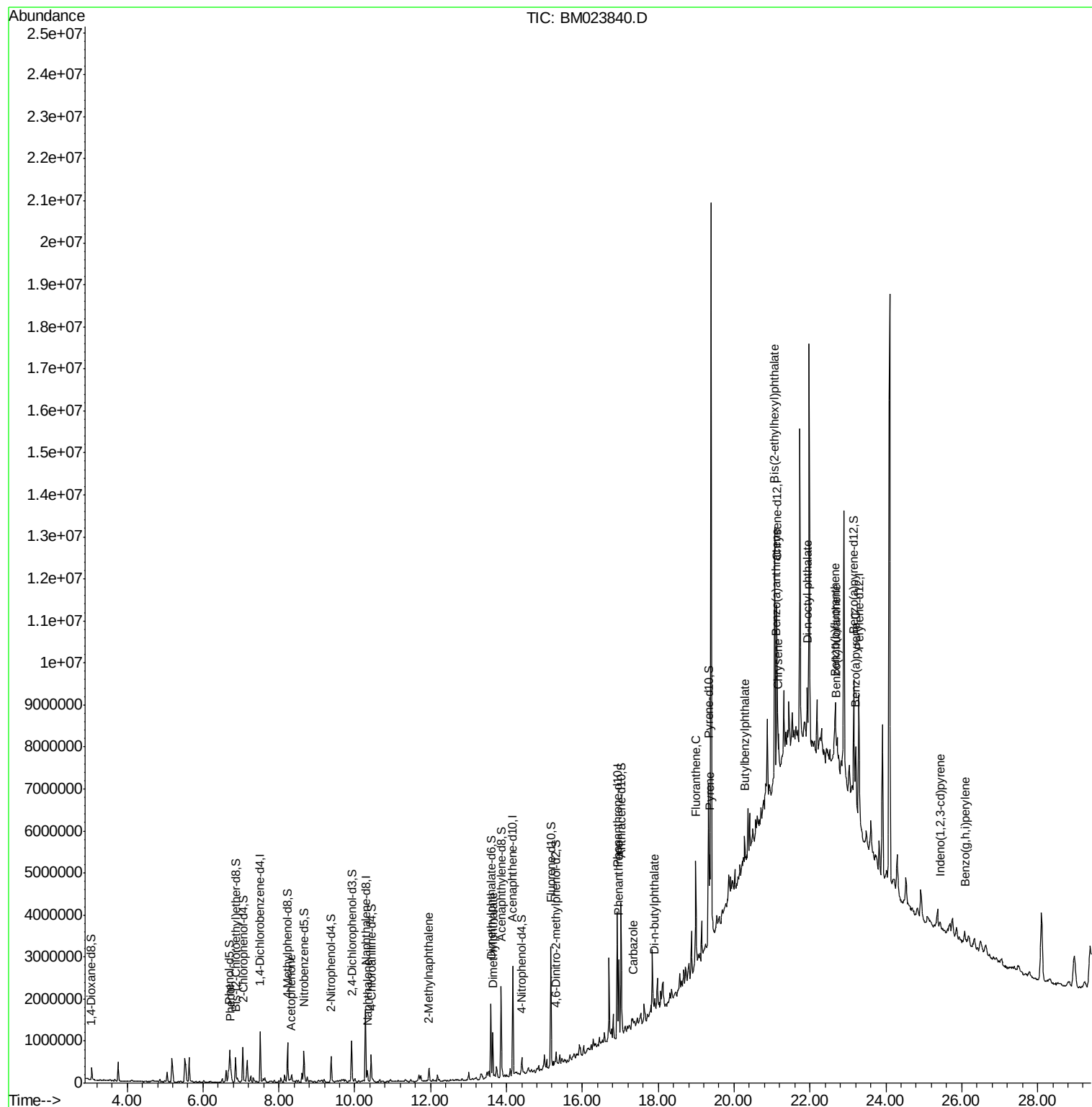
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

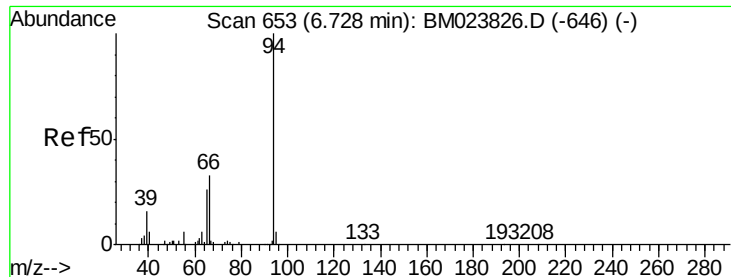
Instrument :
BNA_M
ClientSampleId :
C0AB3

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Quant Time: Nov 22 06:59:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration





#6

Phenol

Concen: 6.013 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

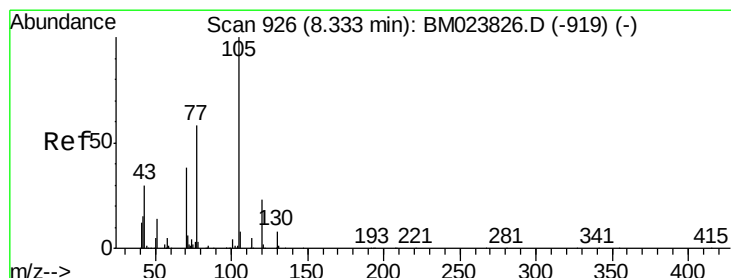
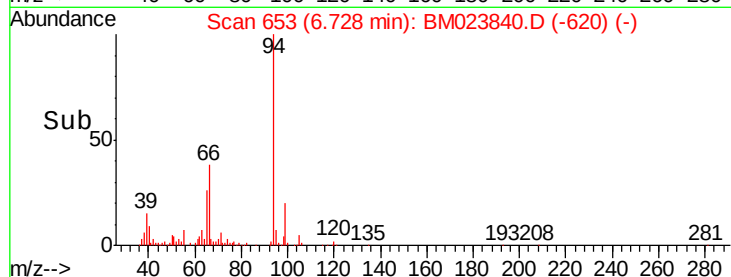
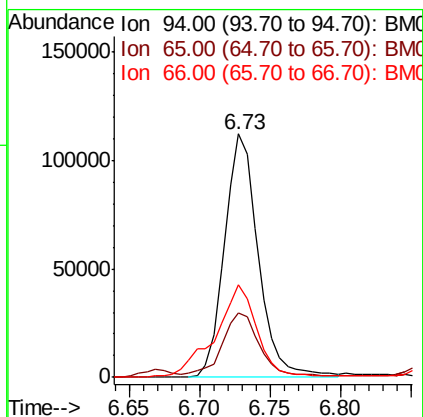
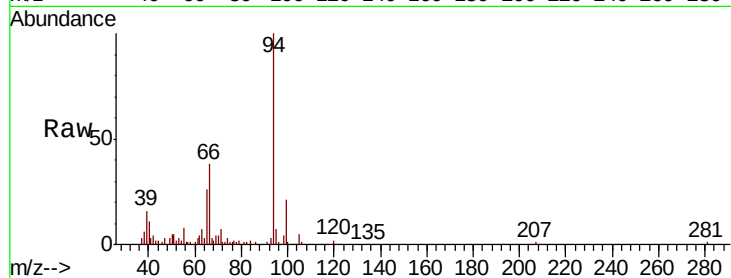
ClientSampled :

C0AB3

Tot Ion:	94	Resp:	187456
Ion	Ratio	Lower	Upper
94	100		
65	26.2	21.4	32.2
66	38.0	30.7	46.1

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#14

Acetophenone

Concen: 3.099 ng/ul

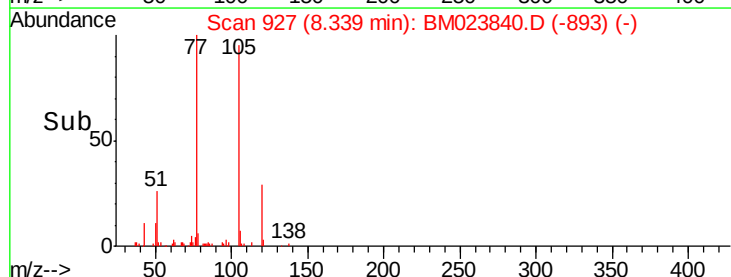
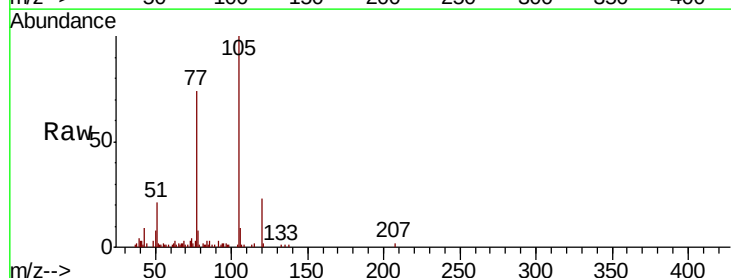
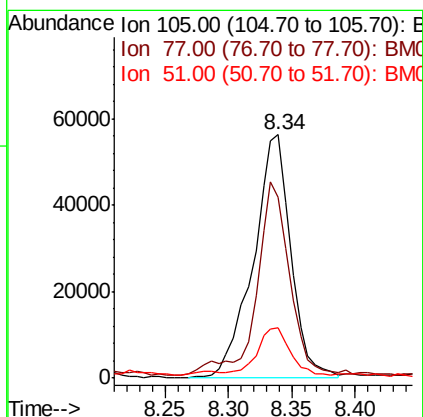
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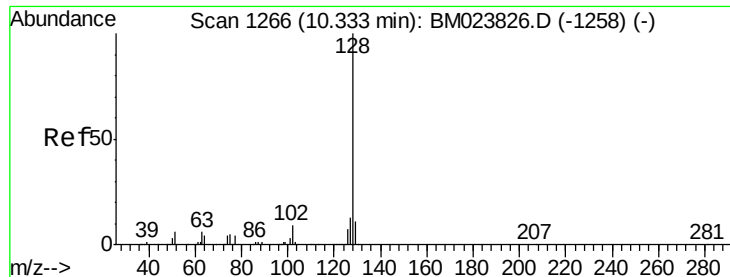
Delta R.T. -0.00 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Tgt Ion:	105	Resp:	116699
Ion	Ratio	Lower	Upper
105	100		
77	74.3	63.8	95.6
51	20.7	16.3	24.5





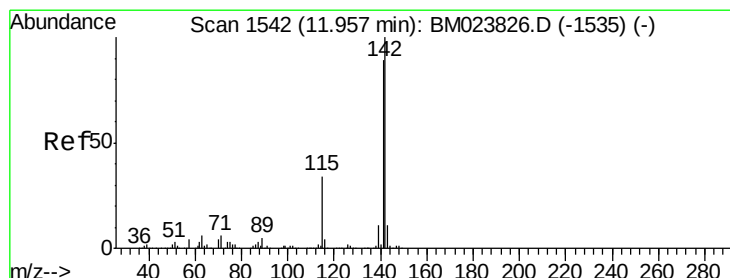
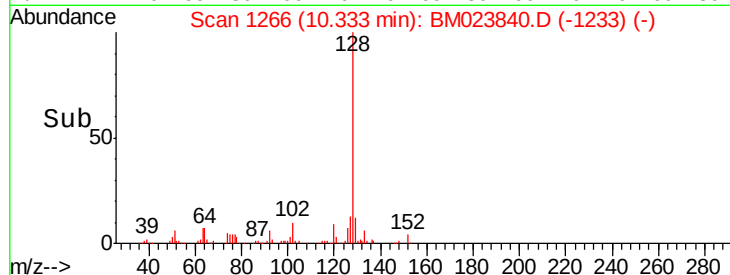
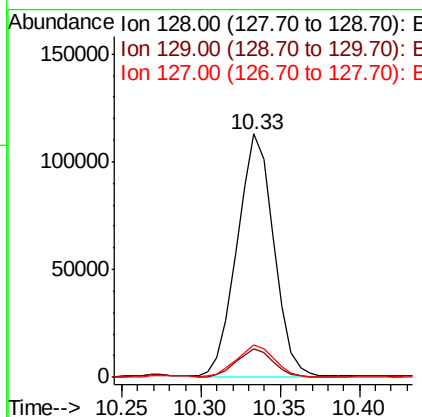
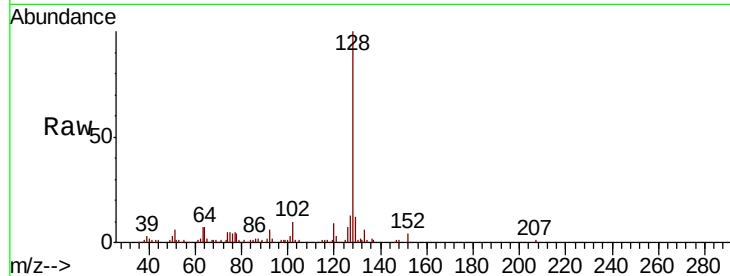
#28
Naphthalene
Concen: 2.578 ng/ul
RT: 10.33 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Instrument :
BNA_M
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.7	13.1
127	13.5	10.6	16.0

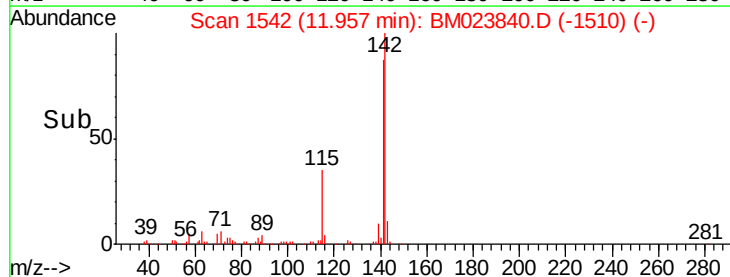
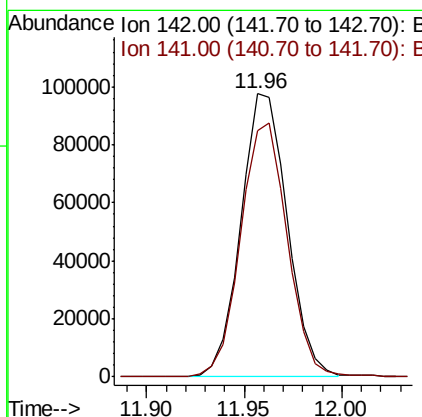
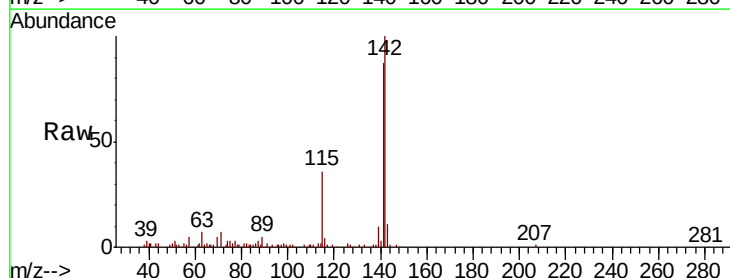
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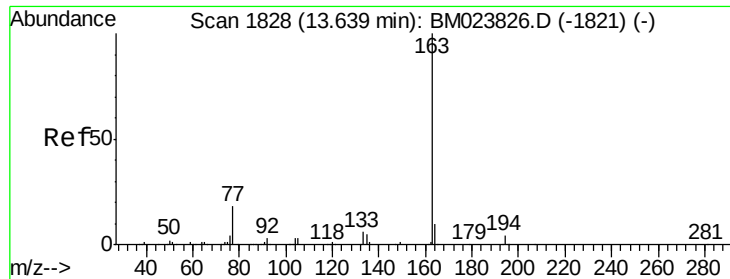
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#34
2-Methylnaphthalene
Concen: 2.967 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.8	104.8





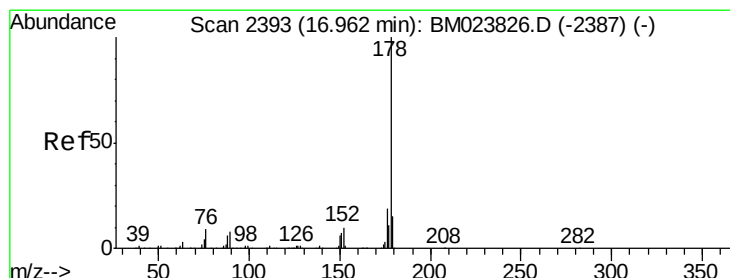
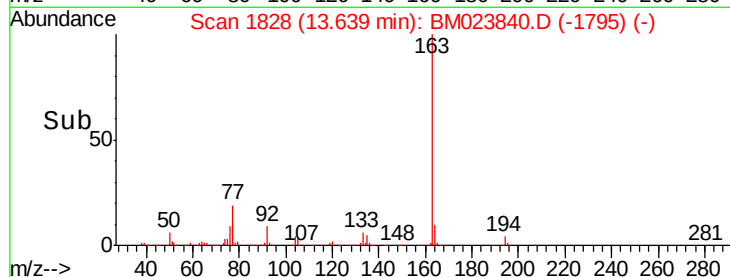
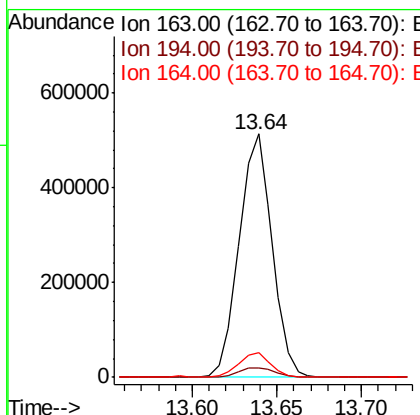
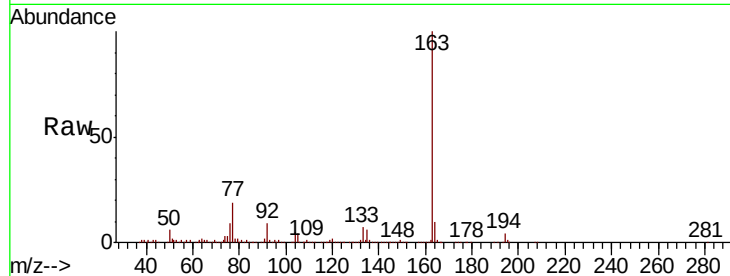
#45
Dimethylphthalate
Concen: 11.039 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Instrument :
BNA_M
ClientSampleId :
C0AB3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	694853		
194	4.1		3.4	5.2
164	10.3		8.0	12.0

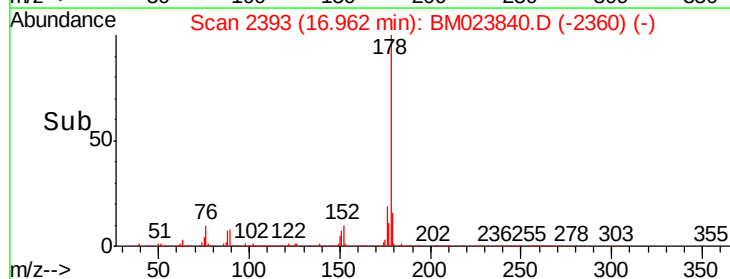
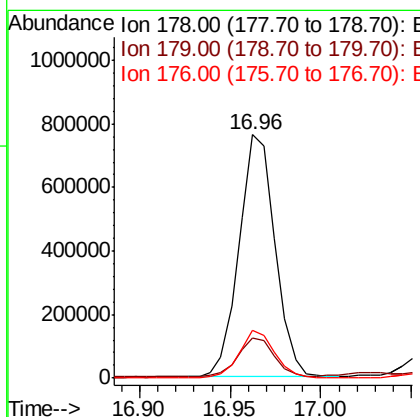
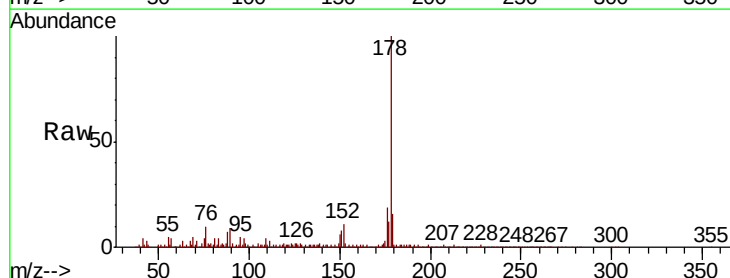
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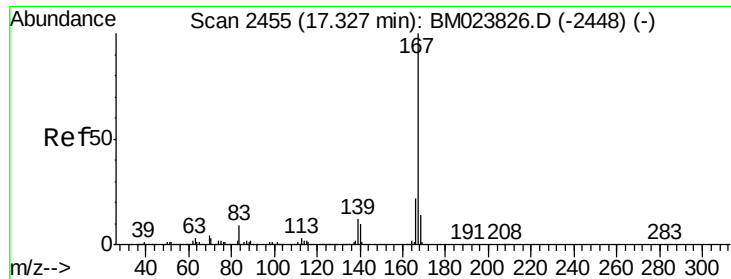
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#70
Phenanthrene
Concen: 11.115 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1052235		
179	16.5		12.3	18.5
176	19.5		15.0	22.6





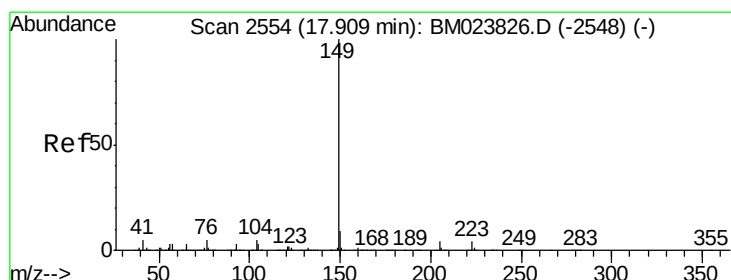
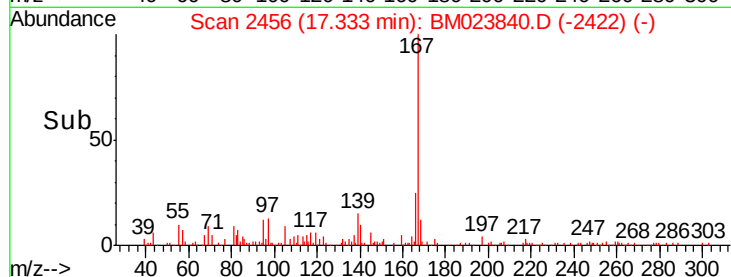
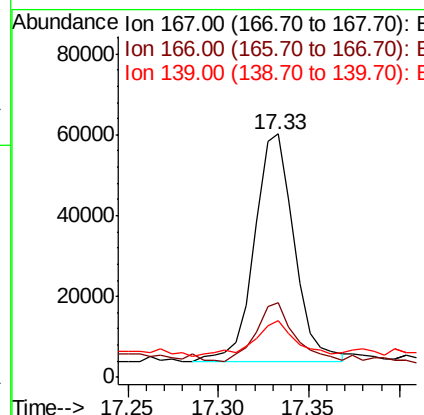
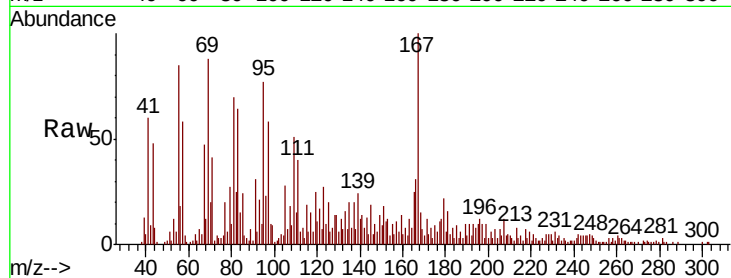
#75
 Carbazole
 Concen: 1.078 ng/ul
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BM023840.D
 Acq: 21 Nov 2019 21:43

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	30.6	17.1	25.7#	
139	23.5	9.8	14.6#	

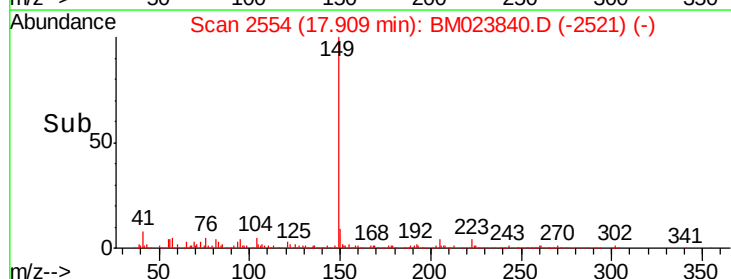
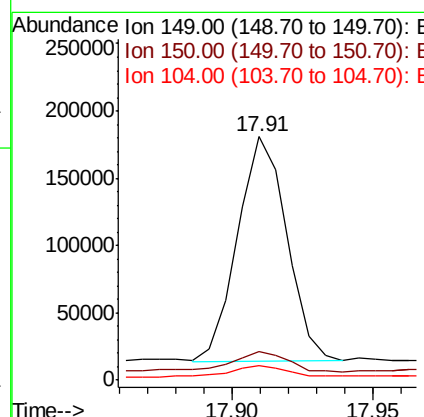
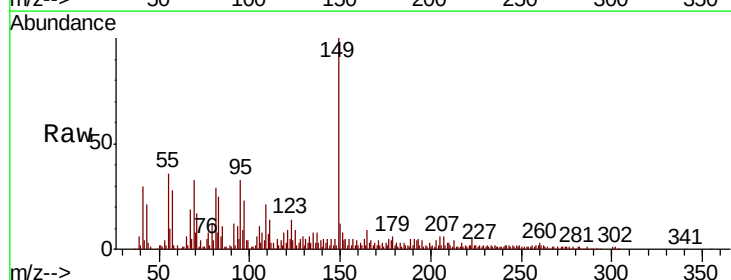
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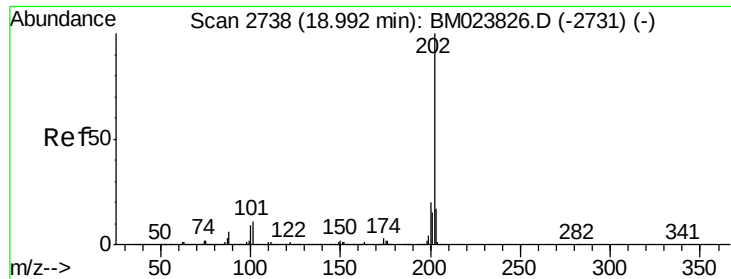
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#76
 Di-n-butylphthalate
 Concen: 2.325 ng/ul
 RT: 17.91 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BM023840.D
 Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	11.9	7.1	10.7#	
104	5.9	4.2	6.2	





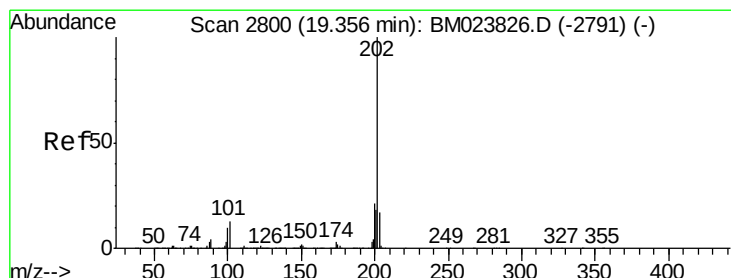
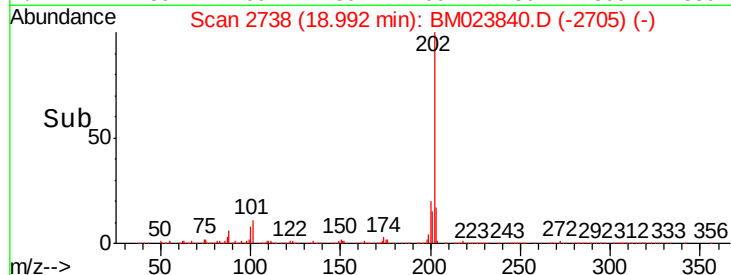
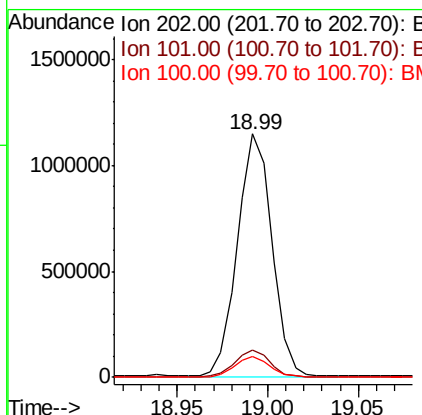
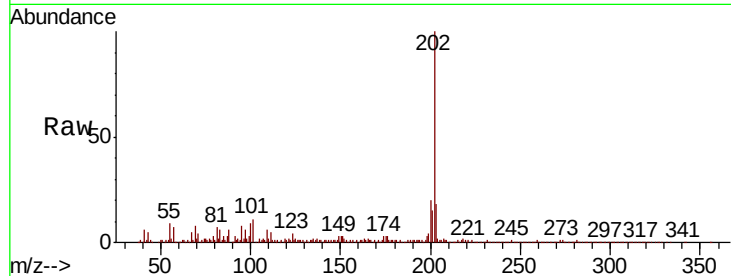
#77
Fluoranthene
 Concen: 14.991 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM023840.D
 Acq: 21 Nov 2019 21:43

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.7	11.5
100	8.5	6.0	9.0

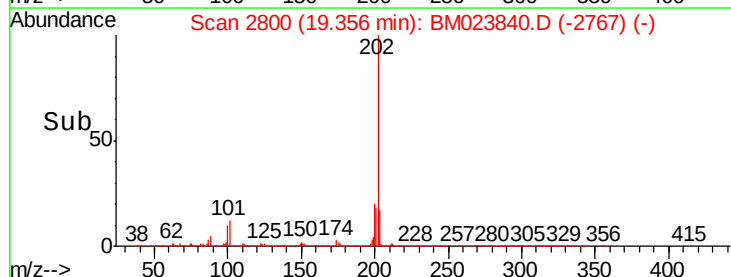
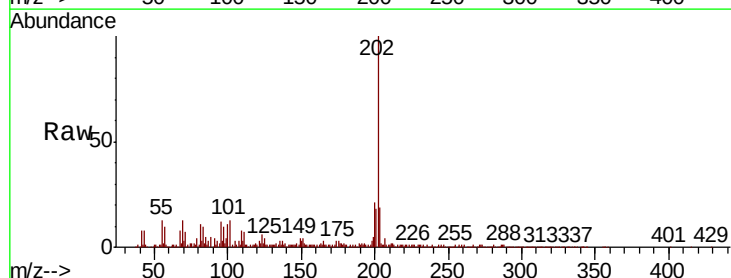
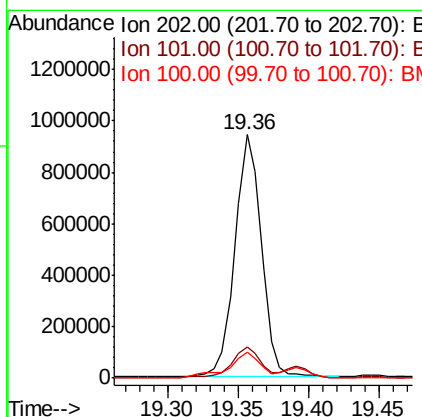
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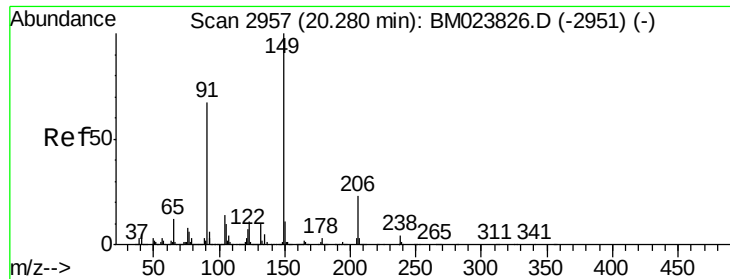
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#80
Pyrene
 Concen: 10.947 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM023840.D
 Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
100	10.6	8.1	12.1





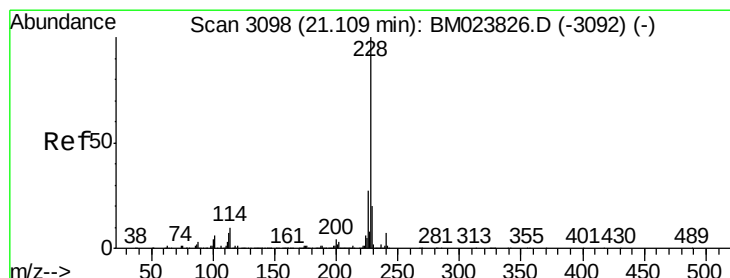
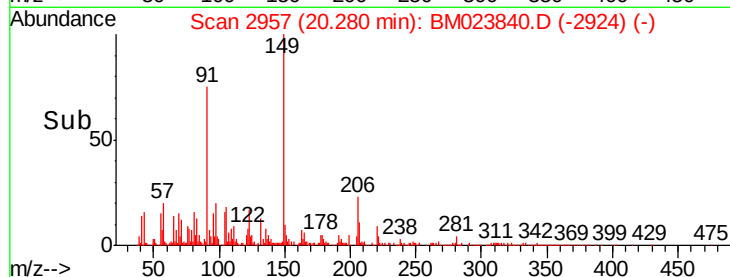
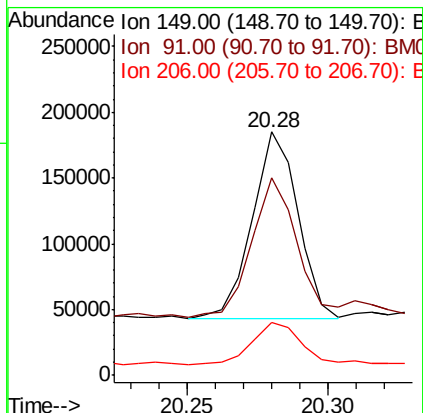
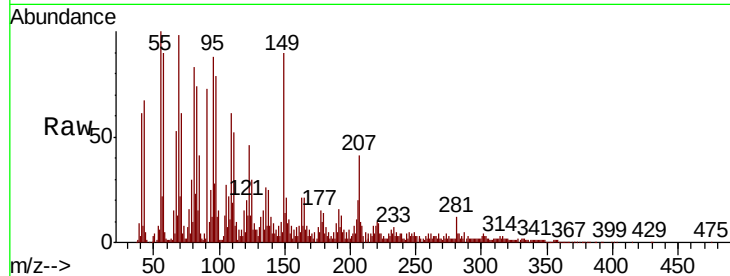
#81
Butylbenzylphthalate
Concen: 4.486 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Instrument :
BNA_M
ClientSampled :
C0AB3

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.2	54.9	82.3
206	21.8	19.3	28.9

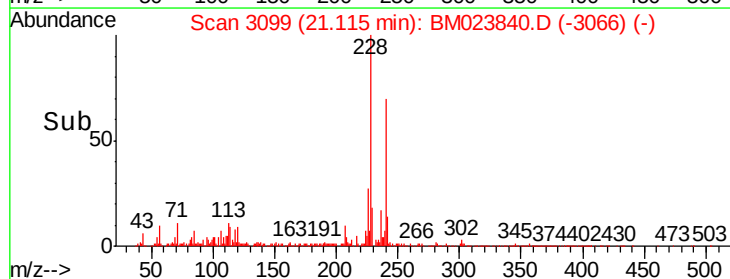
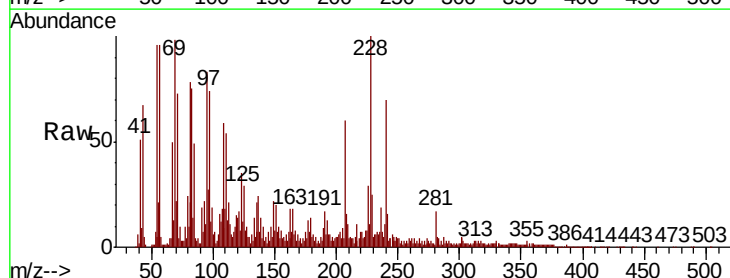
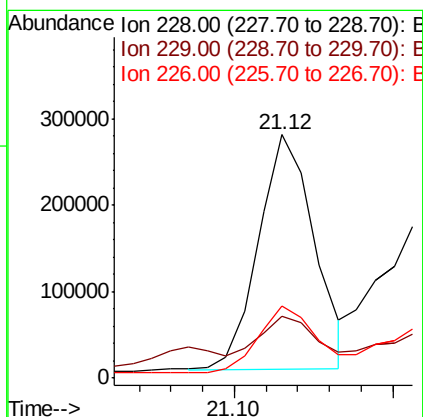
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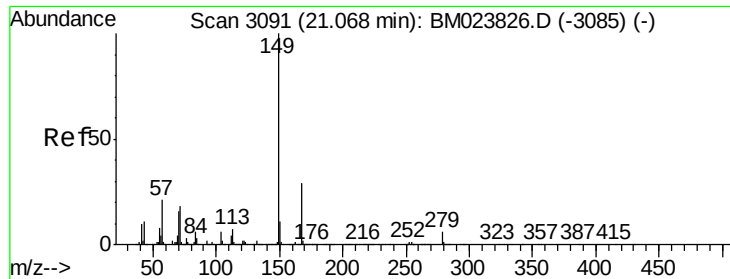
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#83
Benzo(a)anthracene
Concen: 2.926 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.4	15.6	23.4#
226	29.4	21.4	32.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.420 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

ClientSampleId :

C0AB3

Tot Ion:149 Resp: 2376381

Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.2

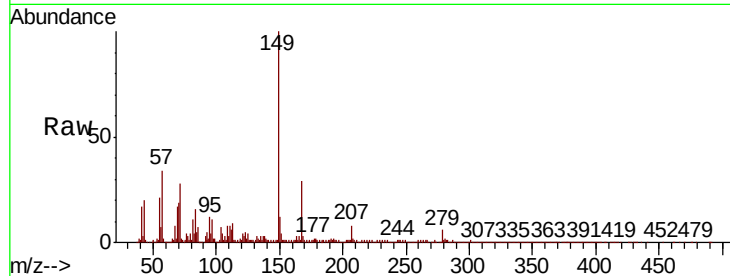
279 5.6 5.0 7.4

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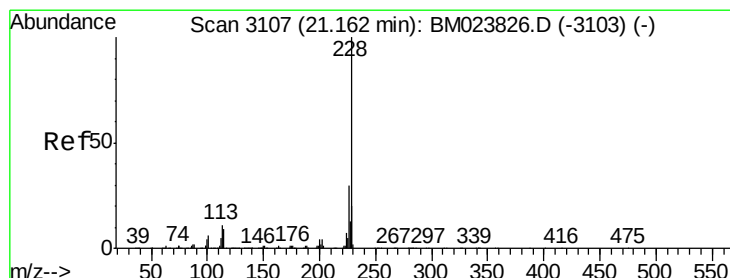
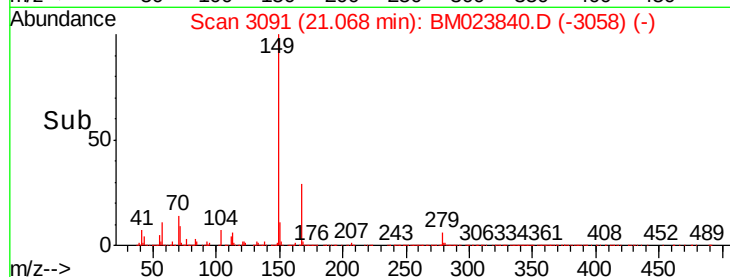
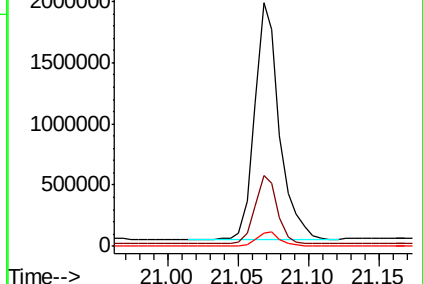
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.968 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

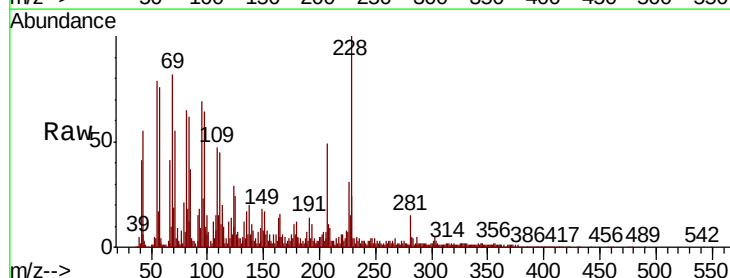
Tgt Ion:228 Resp: 533919

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

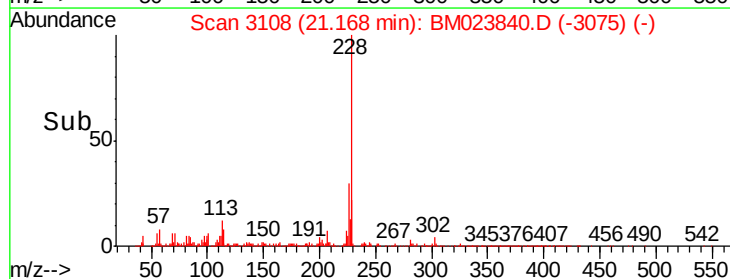
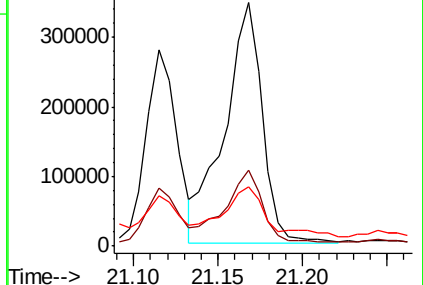
229 24.4 15.8 23.6#

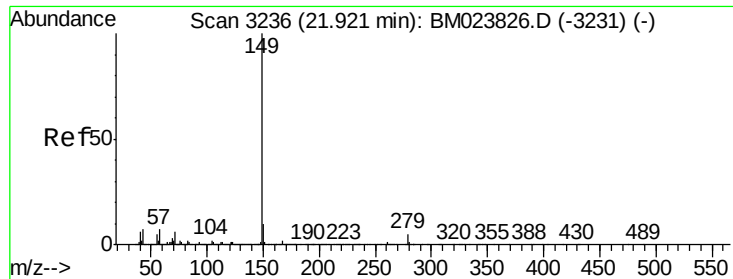


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 10.174 ng/ul

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

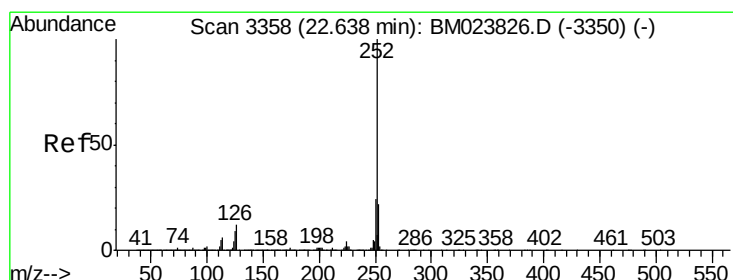
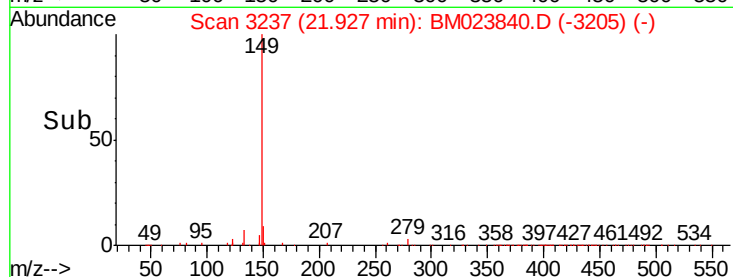
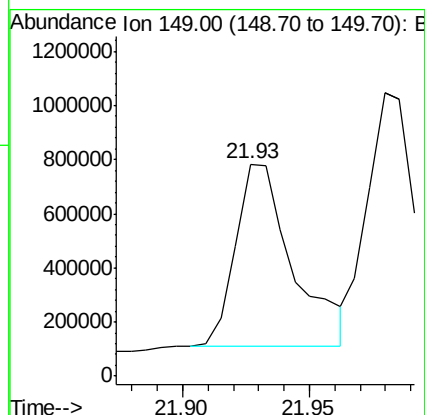
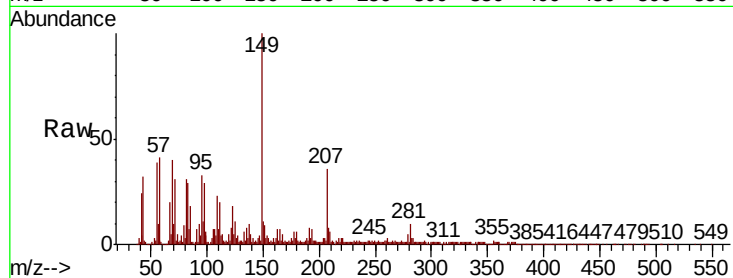
ClientSampleId :

C0AB3

Tgt Ion:149 Resp: 1052303

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#88

Benzo(b)fluoranthene

Concen: 4.372 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

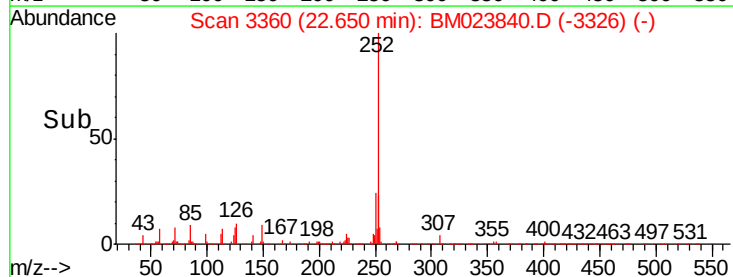
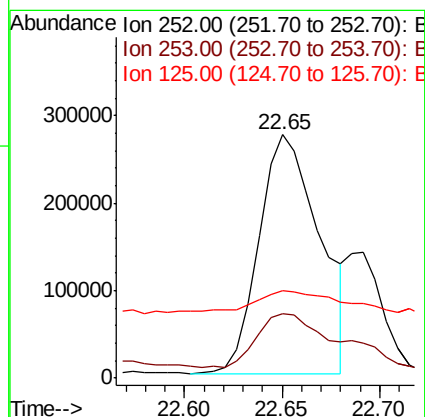
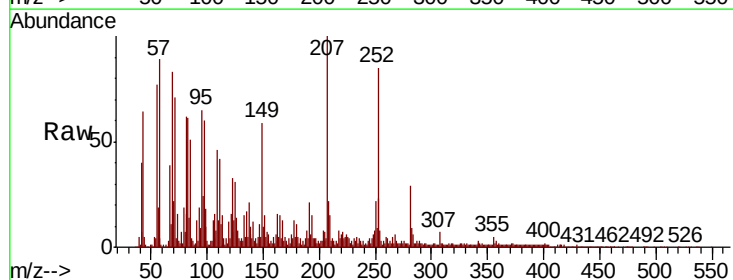
Tgt Ion:252 Resp: 589772

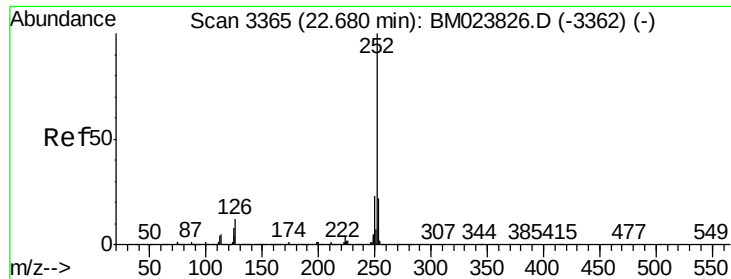
Ion Ratio Lower Upper

252 100

253 26.5 17.8 26.8

125 35.9 6.5 9.7#





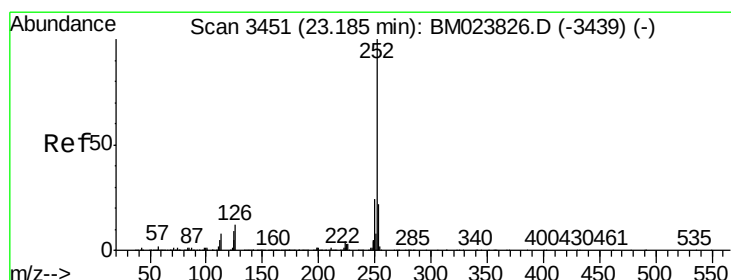
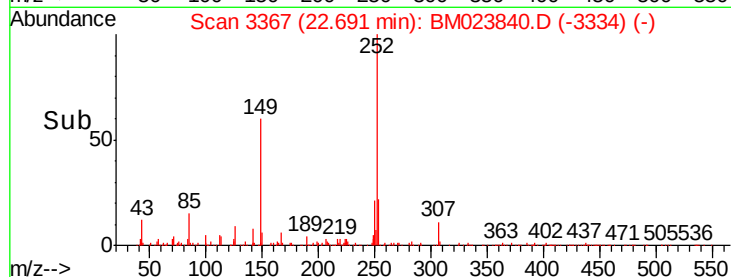
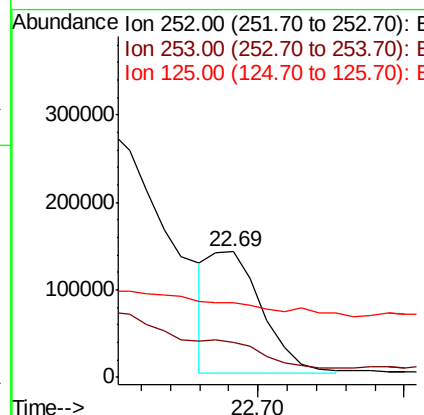
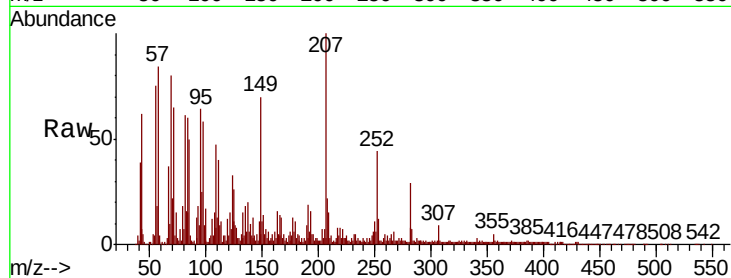
#89
Benzo(k)fluoranthene
Concen: 1.323 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Instrument :
BNA_M
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.2	25.8#
125	59.2	5.9	8.9#

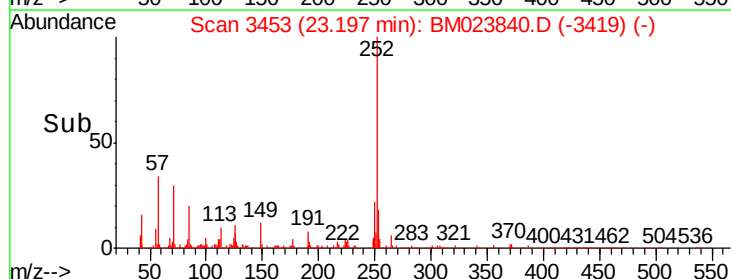
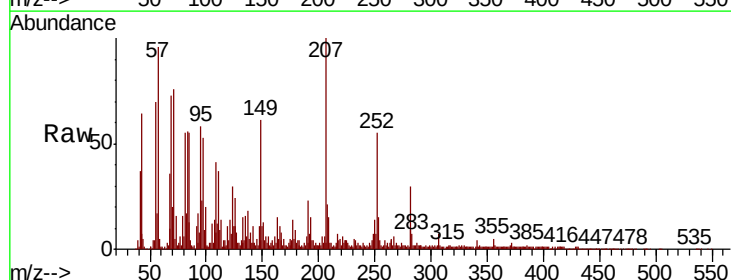
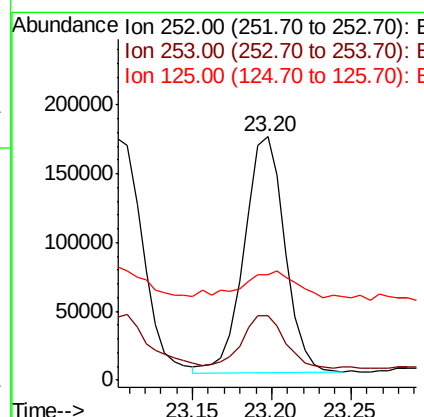
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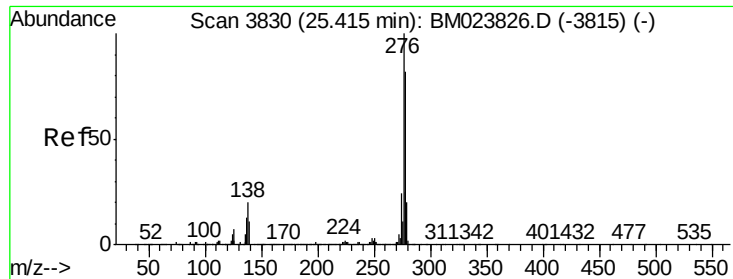
mohammad
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#91
Benzo(a)pyrene
Concen: 2.481 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.3	25.9#
125	43.2	6.9	10.3#





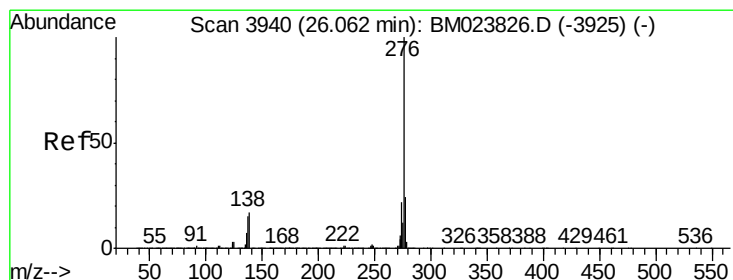
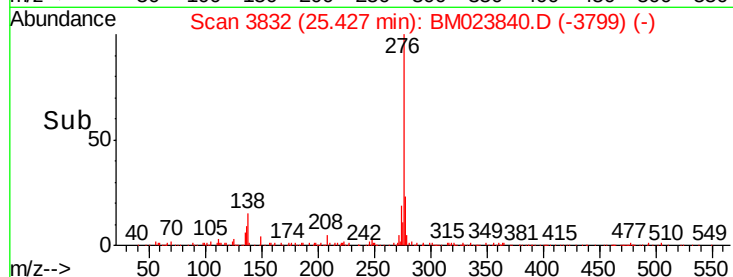
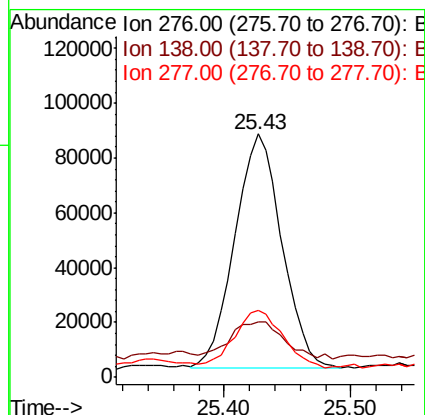
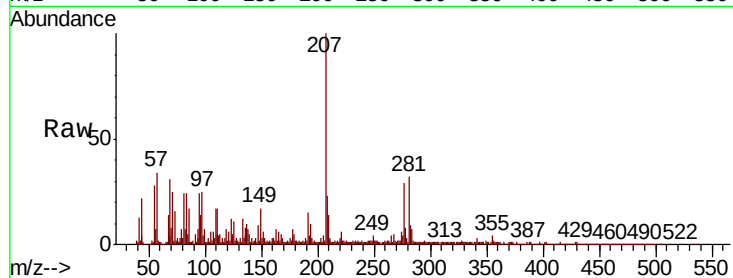
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.668 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Instrument :
BNA_M
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	15.0	22.4#
277	27.4	20.0	30.0

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 2.192 ng/ul
RT: 26.08 min Scan# 3943
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	13.2	19.8#
277	26.0	18.6	28.0

