

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
 Data File : BM023874.D
 Acq On : 23 Nov 2019 01:34
 Operator : JU
 Sample : K5854-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:20:53 AM

Quant Time: Nov 23 05:45:03 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	382787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1535099	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	941711	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1962323	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1884477	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2405074	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	26856	2.89	ng/uL	0.01
5) Phenol-d5	6.70	99	605377	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	353283	17.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	490804	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	426406	15.32	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	240131	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	272870	23.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	508067	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	498575	17.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1533586	20.88	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1855644	22.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	165720	13.22	ng/ul	0.01
58) Fluorene-d10	15.17	176	1363747	21.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	81077	7.14	ng/ul	0.00
71) Anthracene-d10	17.02	188	2105500	22.62	ng/ul	0.00
79) Pyrene-d10	19.33	212	2188115	22.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2821495	22.29	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.73	94	160434	4.463	ng/ul	97
45) Dimethylphthalate	13.63	163	372192	5.172	ng/ul	99
50) Acenaphthene	14.23	153	173869	2.904	ng/ul	98
54) Dibenzofuran	14.57	168	104671	1.181	ng/ul	99
59) Fluorene	15.23	166	263836	3.669	ng/ul	96
70) Phenanthrene	16.97	178	7645230	70.732	ng/ul	99
72) Anthracene	17.06	178	1300558	11.966	ng/ul	100
75) Carbazole	17.33	167	669055	7.385	ng/ul	99
77) Fluoranthene	18.99	202	14222786	122.819	ng/ul#	90
80) Pyrene	19.36	202	12719046	104.418	ng/ul#	93
83) Benzo(a)anthracene	21.12	228	6951934	55.927	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	115402	1.981	ng/ul	99
85) Chrysene	21.17	228	7021781	60.004	ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	11283290	73.595	ng/ul	98
89) Benzo(k)fluoranthene	22.69	252	3431092m	23.229	ng/ul	
91) Benzo(a)pyrene	23.20	252	7383437	52.606	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.43	276	5907922	39.365	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	1388722	10.964	ng/ul#	86
94) Benzo(g,h,i)perylene	26.09	276	5502009	45.241	ng/ul	97

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

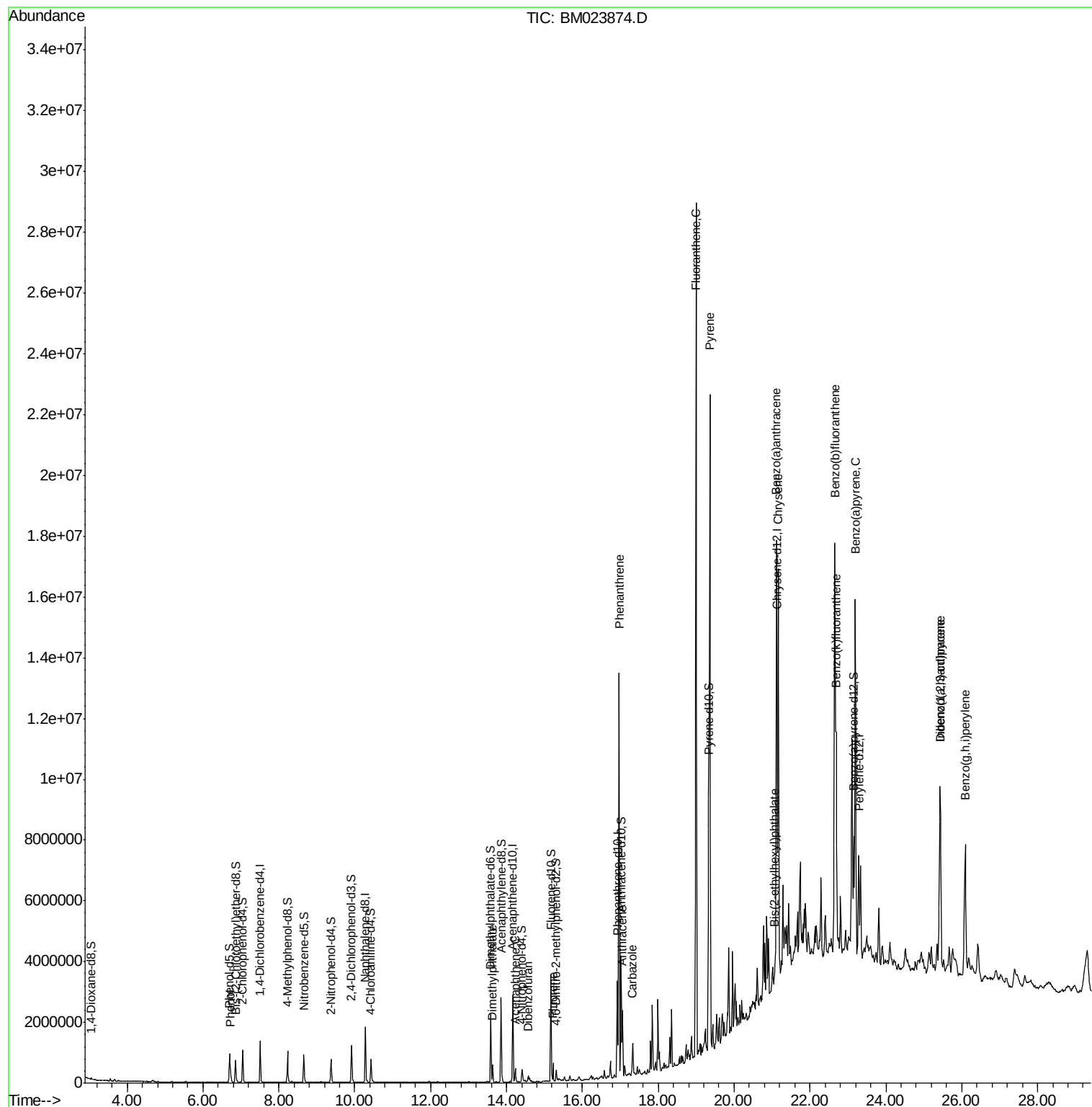
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023874.D
Acq On : 23 Nov 2019 01:34
Operator : JU
Sample : K5854-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

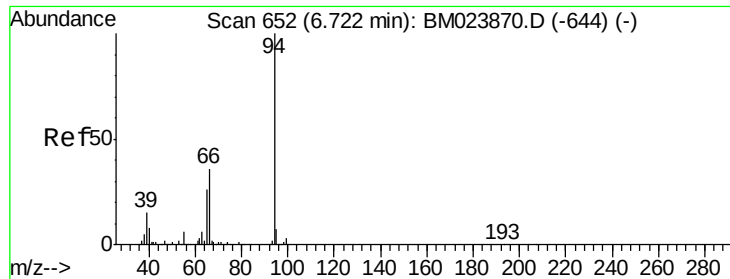
Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual Integrations
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Quant Time: Nov 23 05:45:03 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: 4.463 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM023874.D

Acq: 23 Nov 2019 01:34

Instrument :

BNA_M

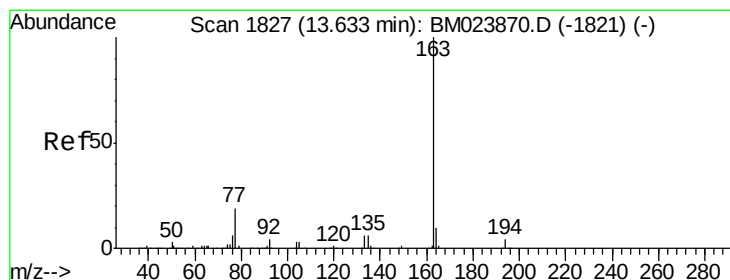
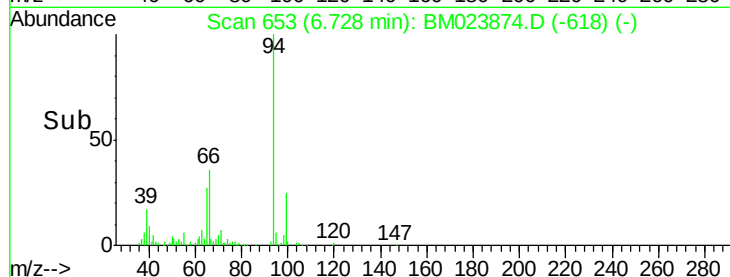
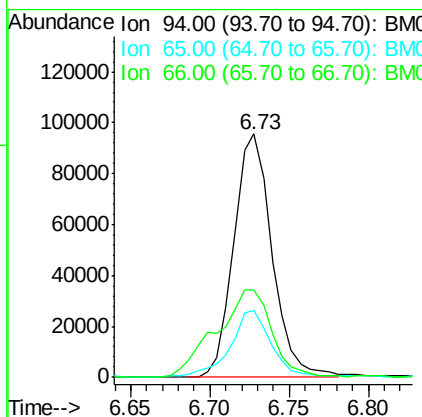
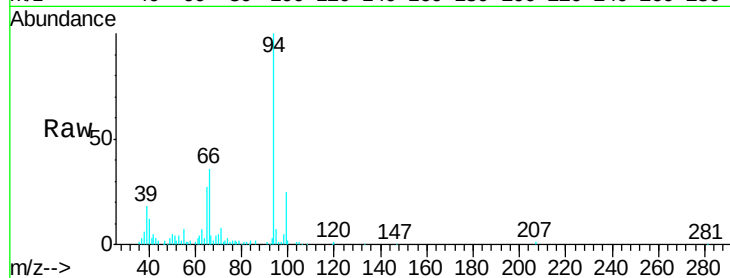
ClientSampleId :

C0AC9

Tgt Ion:	94	Resp:	160434
Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.4	32.2
66	36.1	30.7	46.1

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#45

Dimethylphthalate

Concen: 5.172 ng/ul

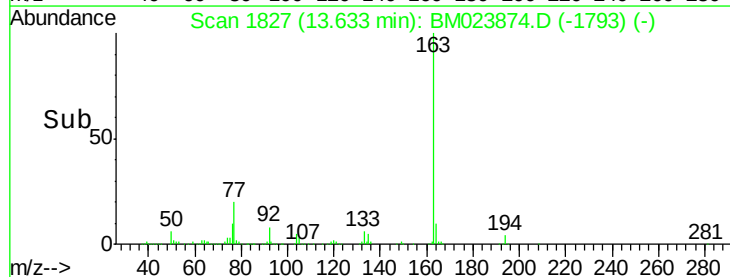
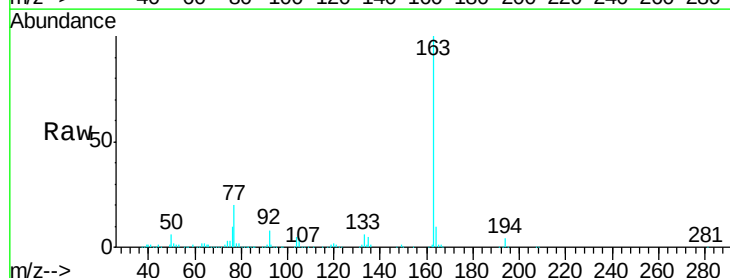
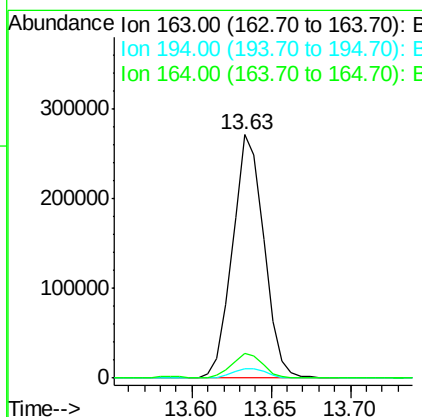
RT: 13.63 min Scan# 1827

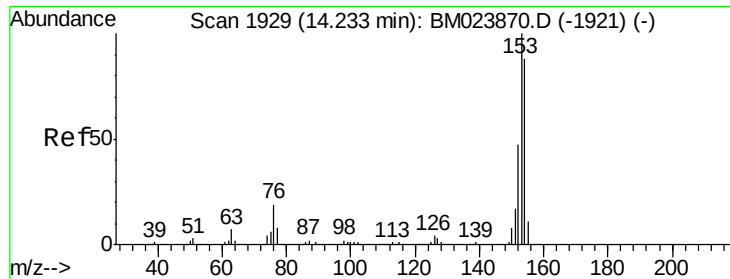
Delta R.T. -0.00 min

Lab File: BM023874.D

Acq: 23 Nov 2019 01:34

Tgt Ion:	163	Resp:	372192
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.3	8.0	12.0





#50

Acenaphthene

Concen: 2.904 ng/ul

RT: 14.23 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BM023874.D

Acq: 23 Nov 2019 01:34

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tgt Ion:153 Resp: 173869

Ion Ratio Lower Upper

153 100

152 46.3 37.7 56.5

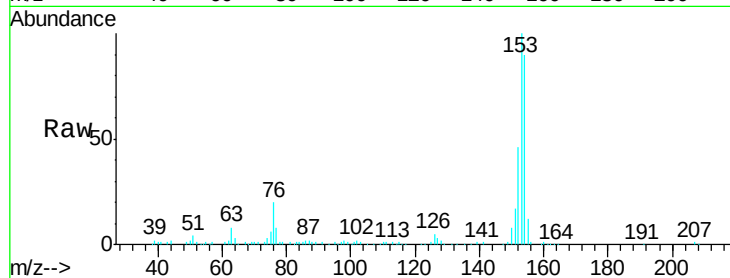
154 90.4 70.6 106.0

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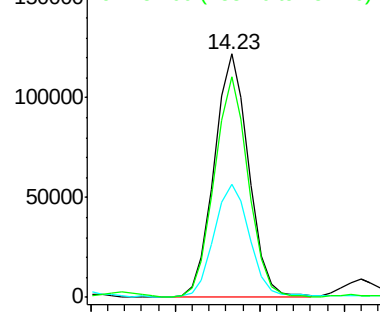
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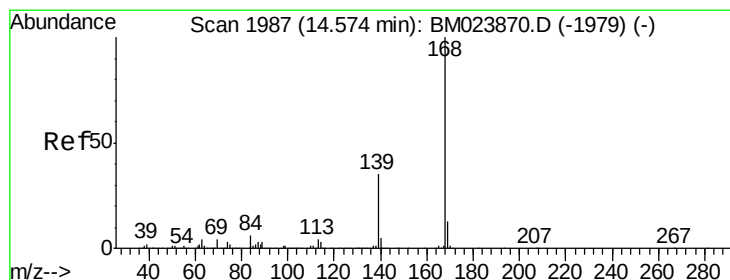
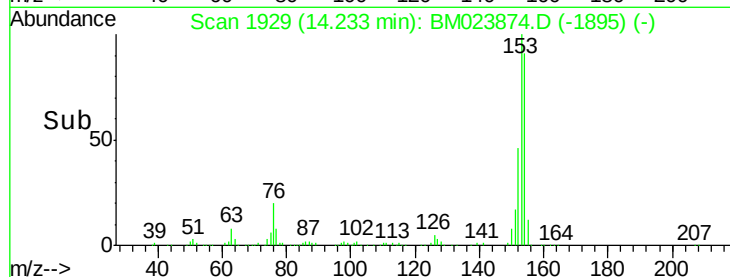
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.15 14.20 14.25 14.30



#54

Dibenzofuran

Concen: 1.181 ng/ul

RT: 14.57 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM023874.D

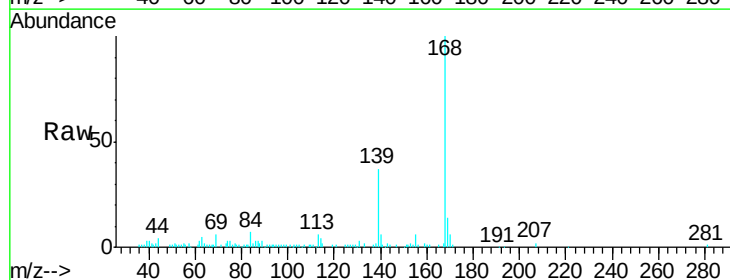
Acq: 23 Nov 2019 01:34

Tgt Ion:168 Resp: 104671

Ion Ratio Lower Upper

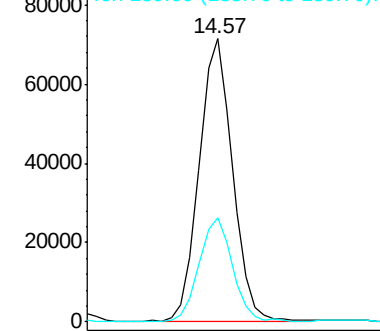
168 100

139 36.9 29.3 43.9

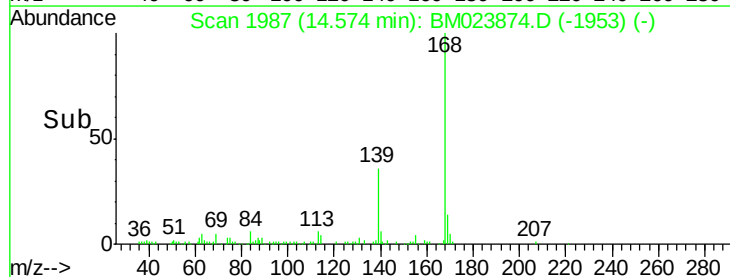


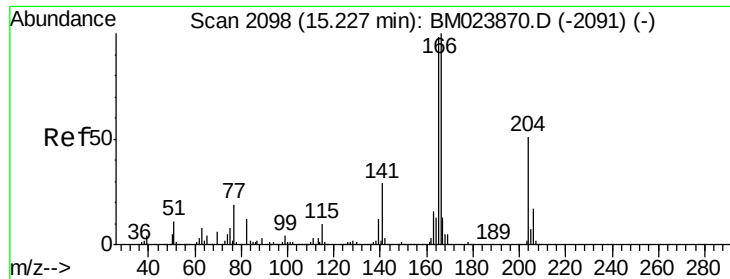
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 14.50 14.55 14.60 14.65





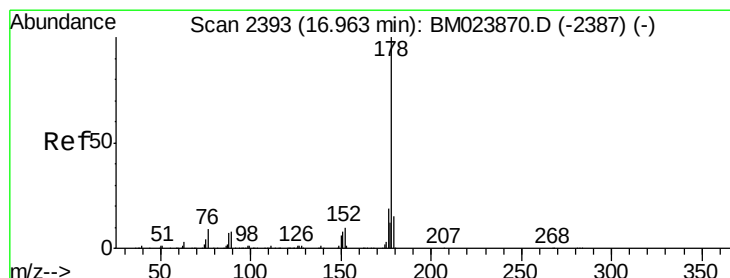
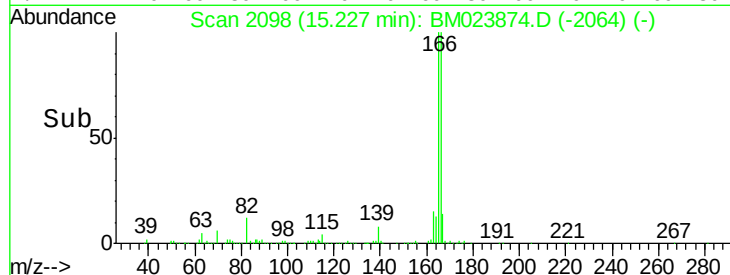
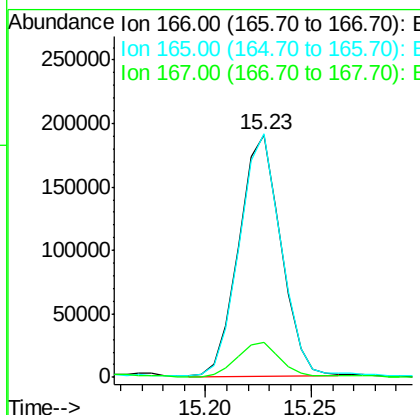
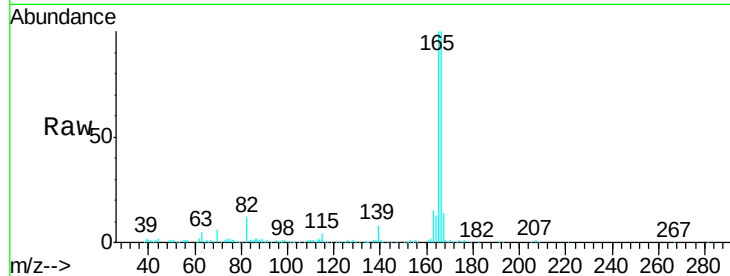
#59
Fluorene
Concen: 3.669 ng/ul
RT: 15.23 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampled :
C0AC9

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	263836		
165	100.2	77.2	115.8	
167	14.5	10.9	16.3	

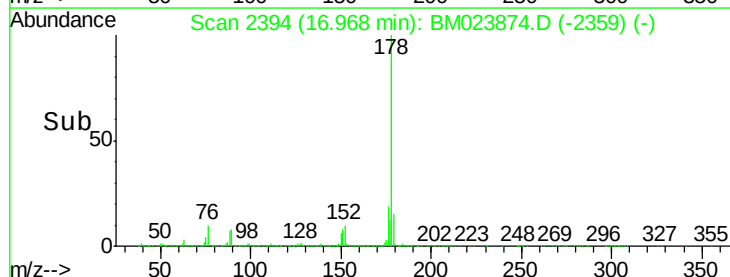
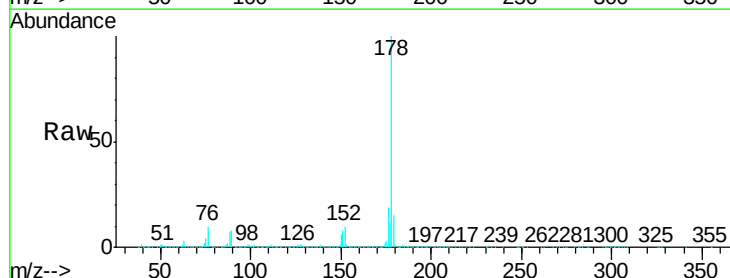
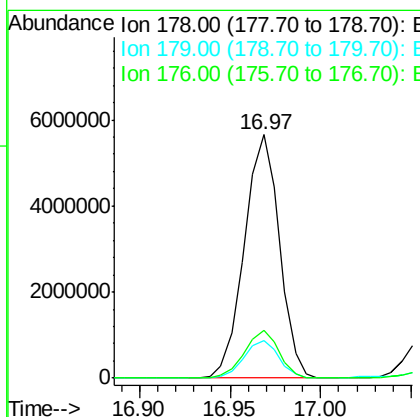
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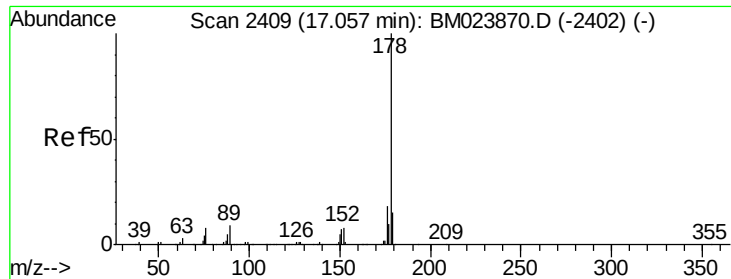
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#70
Phenanthrene
Concen: 70.732 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	7645230		
179	15.4	12.3	18.5	
176	19.4	15.0	22.6	





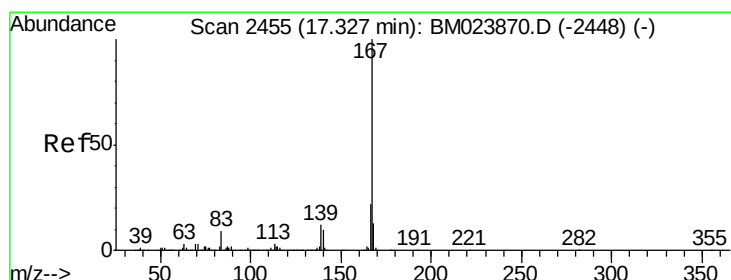
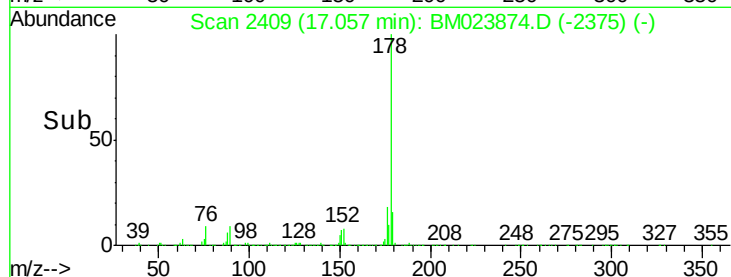
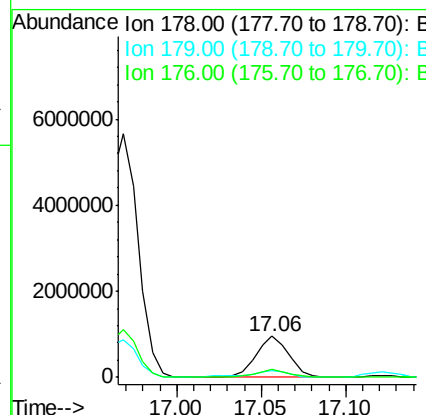
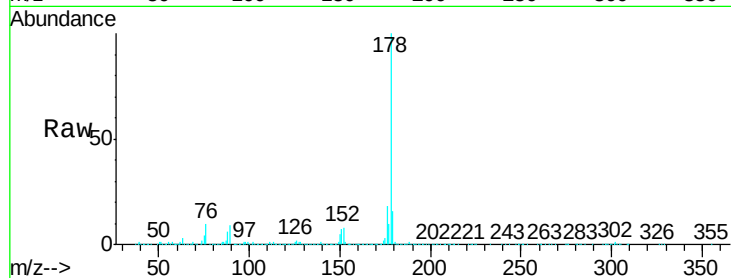
#72
 Anthracene
 Concen: 11.966 ng/ul
 RT: 17.06 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BM023874.D
 Acq: 23 Nov 2019 01:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.3	14.7	22.1

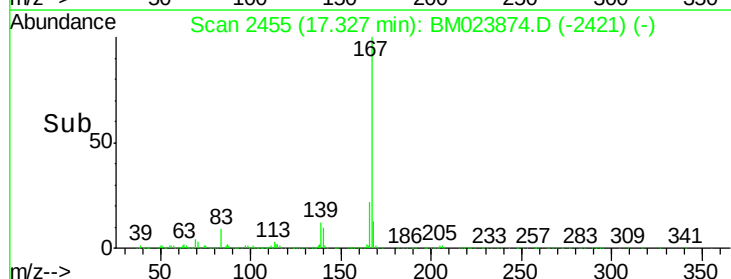
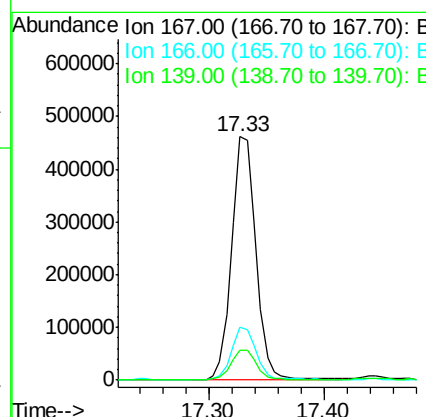
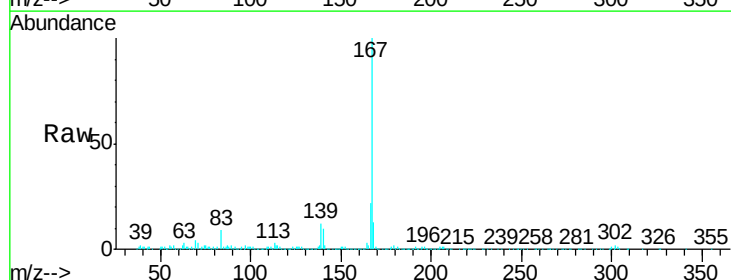
Manual Integrations
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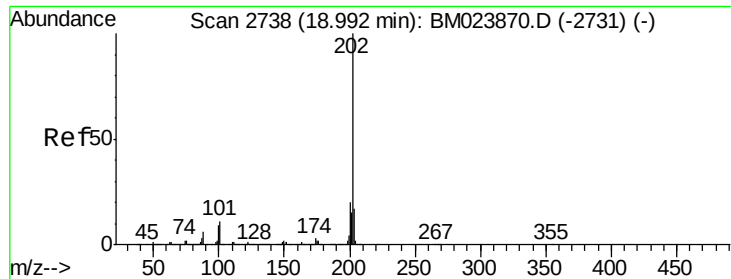
mohammad
 11/25/2019 8:20:53 AM



#75
 Carbazole
 Concen: 7.385 ng/ul
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM023874.D
 Acq: 23 Nov 2019 01:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	12.4	9.8	14.6





#77

Fluoranthene

Concen: 122.819 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM023874.D

Acq: 23 Nov 2019 01:34

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tgt Ion:202 Resp:14222786

Ion Ratio Lower Upper

202 100

101 13.6 7.7 11.5#

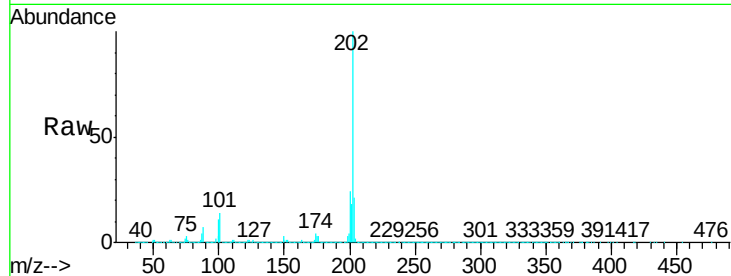
100 10.6 6.0 9.0#

Manual Integrations

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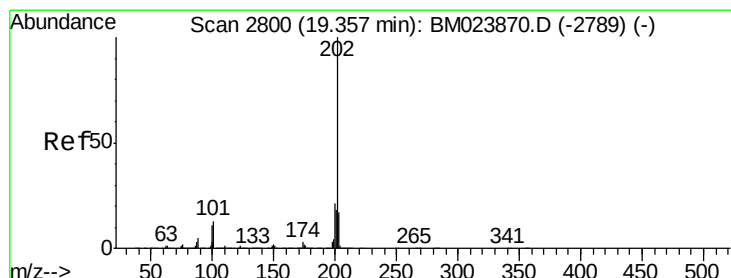
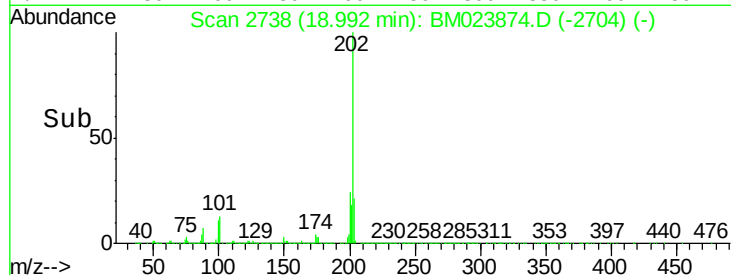
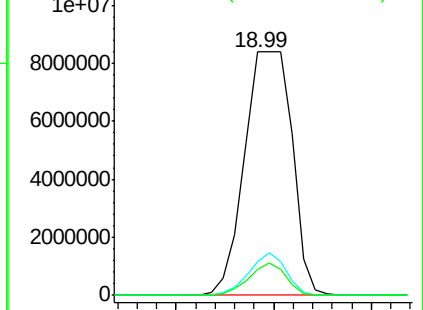
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 104.418 ng/ul

RT: 19.36 min Scan# 2801

Delta R.T. 0.01 min

Lab File: BM023874.D

Acq: 23 Nov 2019 01:34

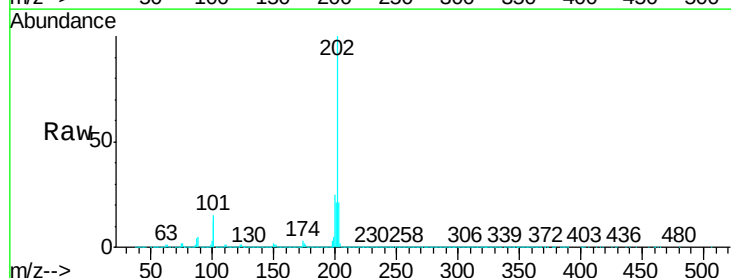
Tgt Ion:202 Resp:12719046

Ion Ratio Lower Upper

202 100

101 15.1 9.8 14.6#

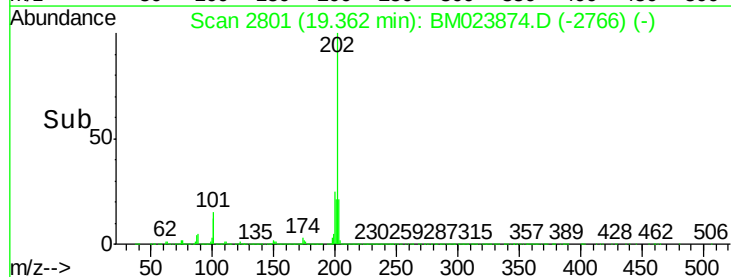
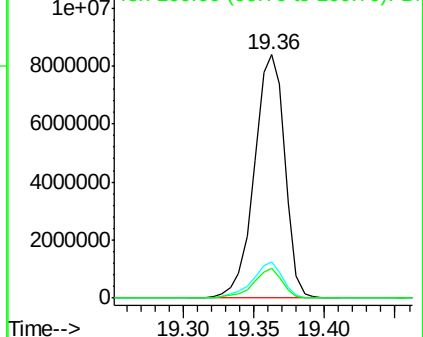
100 12.4 8.1 12.1#

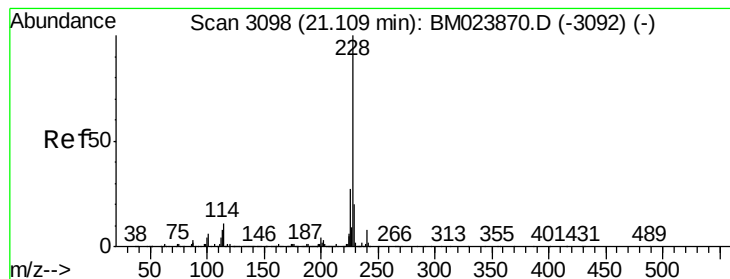


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 55.927 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM023874.D

Acq: 23 Nov 2019 01:34

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tgt Ion:228 Resp: 6951934

Ion Ratio Lower Upper

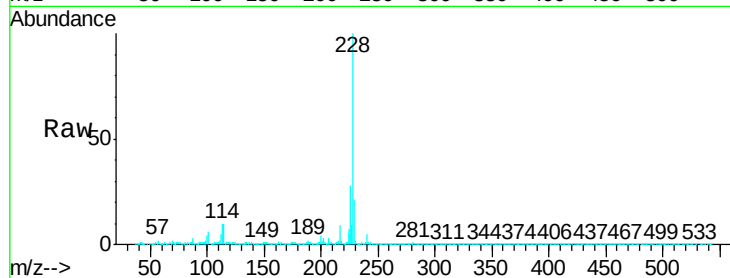
228 100

229 20.9 15.6 23.4

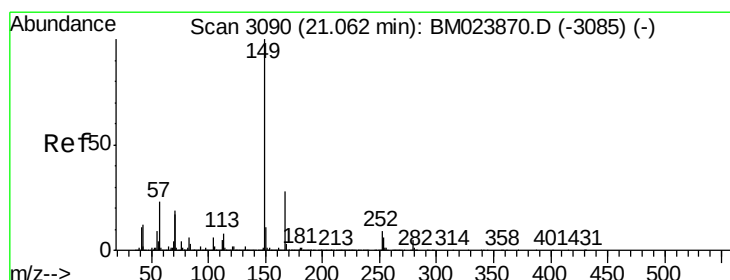
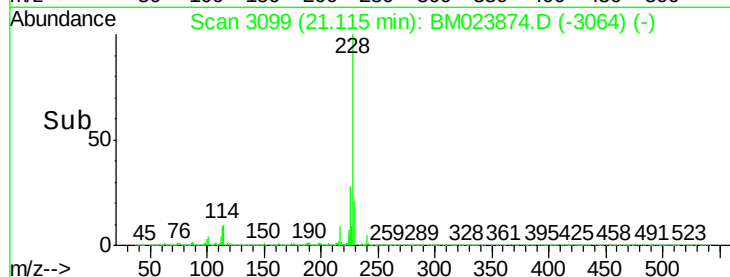
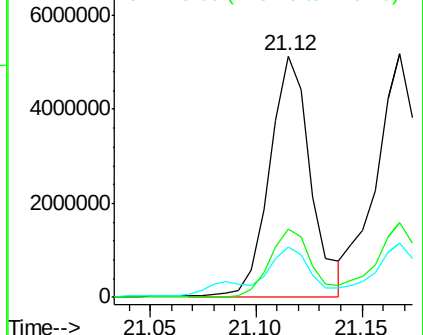
226 28.2 21.4 32.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.981 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM023874.D

Acq: 23 Nov 2019 01:34

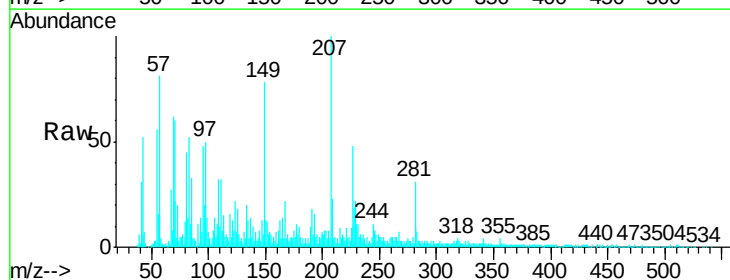
Tgt Ion:149 Resp: 115402

Ion Ratio Lower Upper

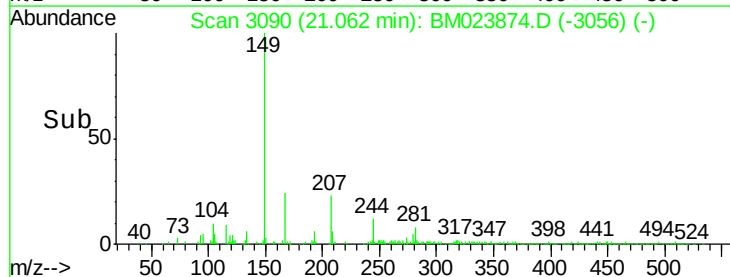
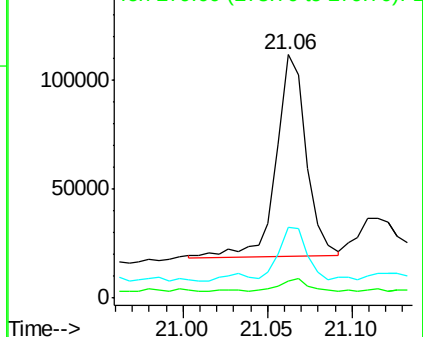
149 100

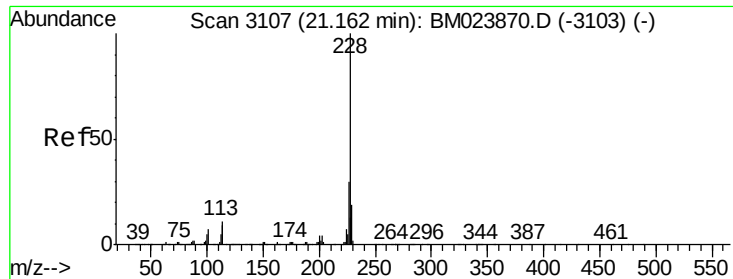
167 28.9 23.4 35.2

279 7.0 5.0 7.4



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





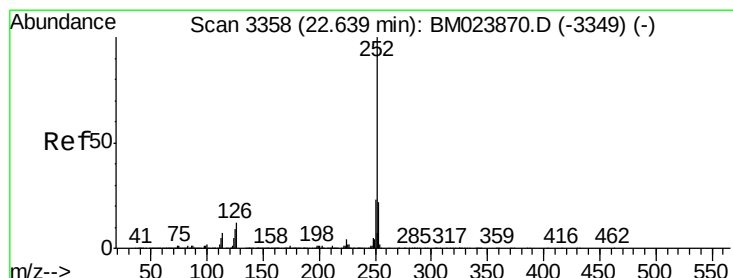
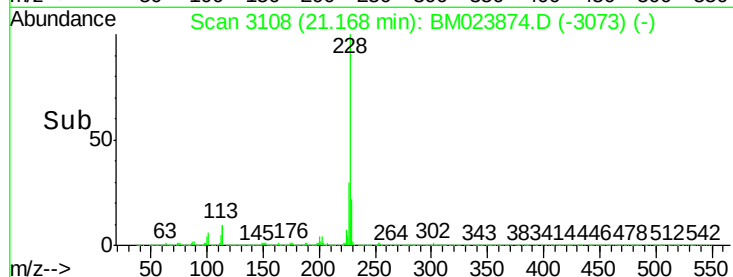
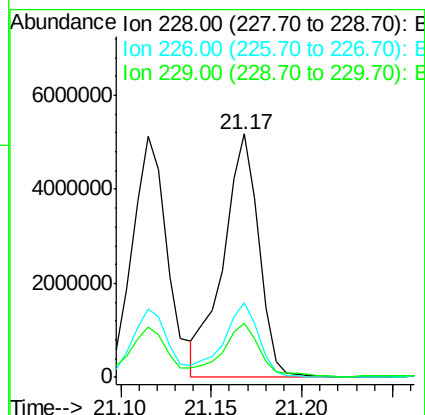
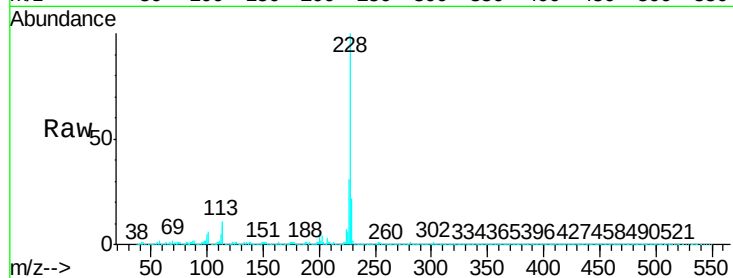
#85
Chrysene
Concen: 60.004 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	22.1	15.8	23.6

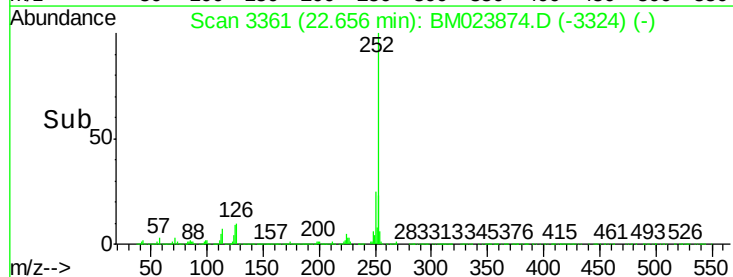
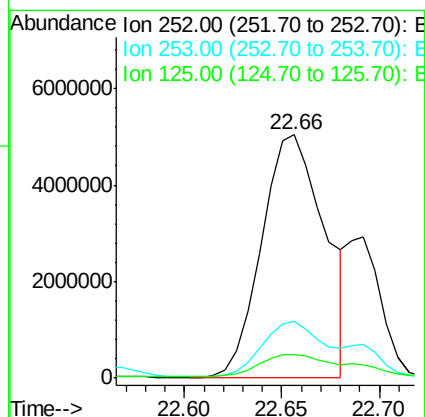
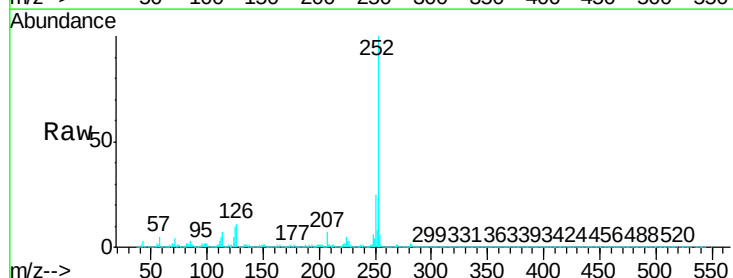
Manual Integrations
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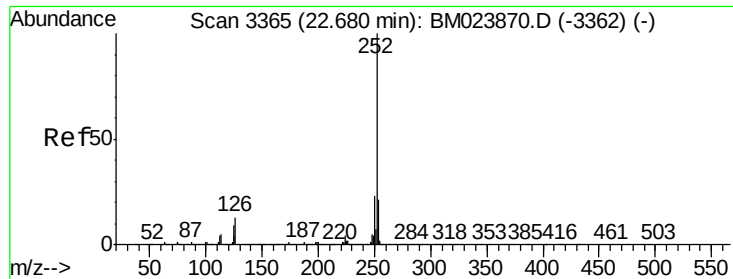
mohammad
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#88
Benzo(b)fluoranthene
Concen: 73.595 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.6	6.5	9.7





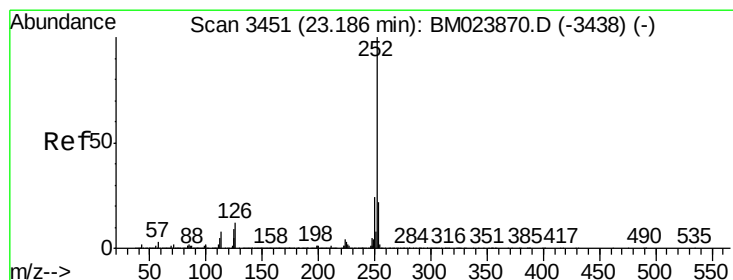
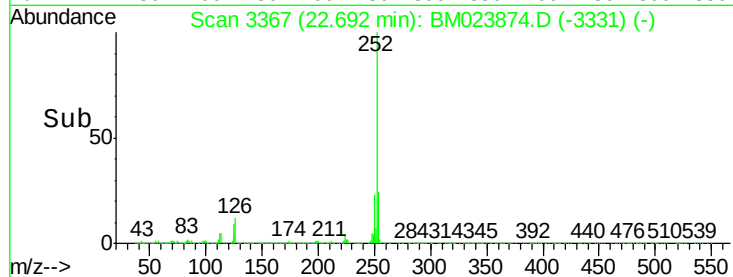
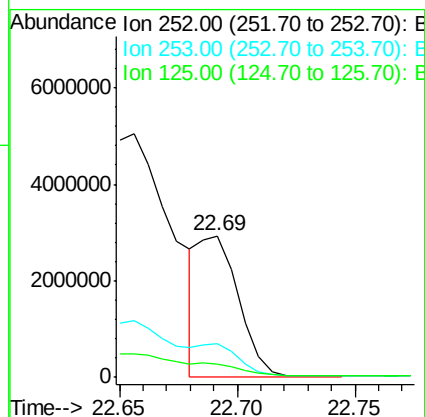
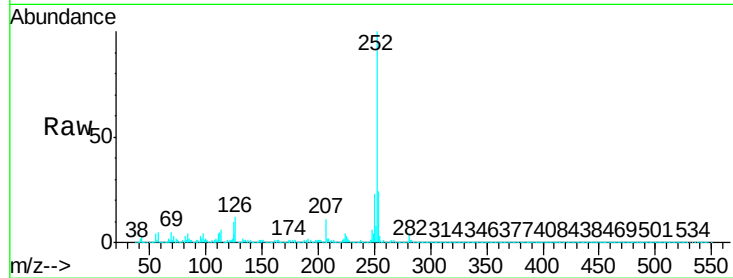
#89
Benzo(k)fluoranthene
Concen: 23.229 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tgt Ion:252 Resp: 3431092
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 9.7 5.9 8.9#

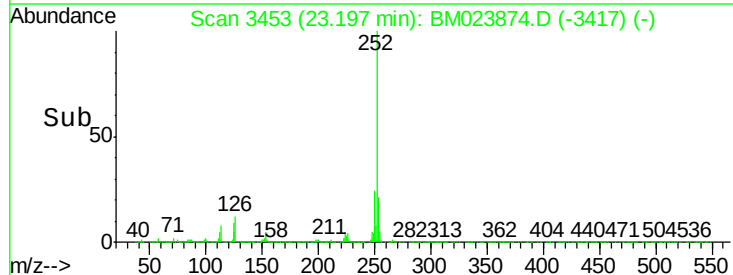
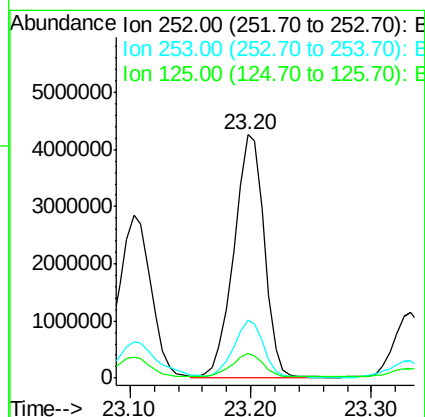
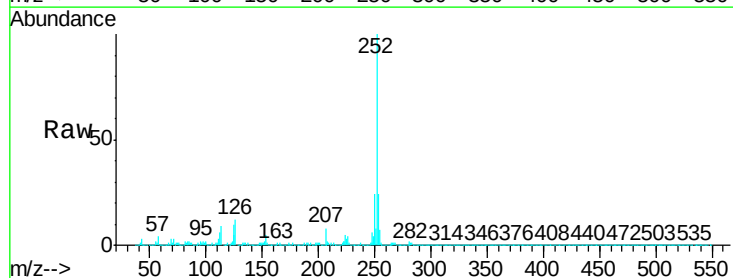
Manual Integrations
APPROVED

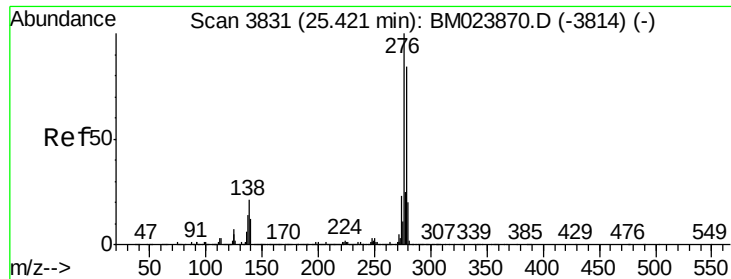
mohammad
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#91
Benzo(a)pyrene
Concen: 52.606 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:252 Resp: 7383437
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 10.2 6.9 10.3





#92

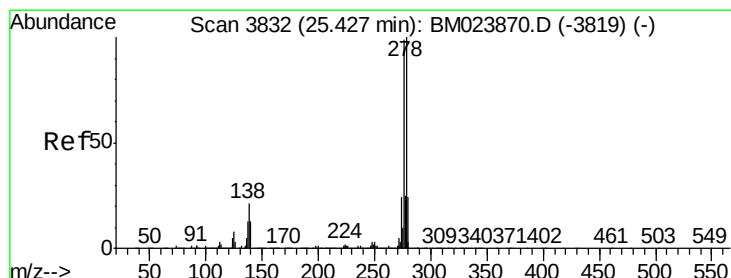
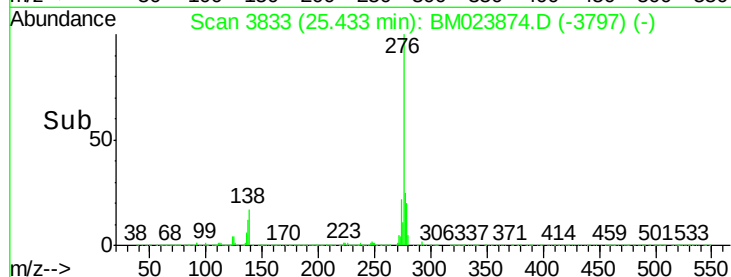
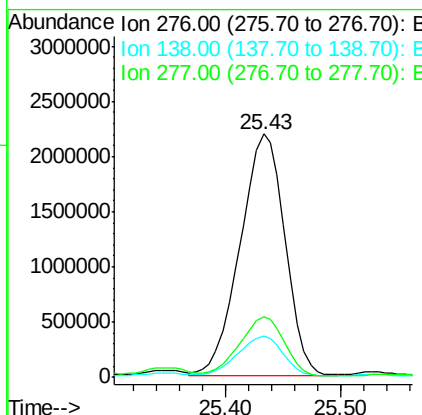
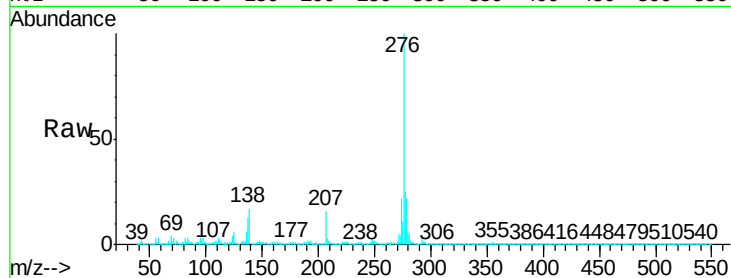
Indeno(1,2,3-cd)pyrene
Concen: 39.365 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Instrument :
BNA_M
ClientSampled :
C0AC9

Tgt Ion:276 Resp: 5907922
Ion Ratio Lower Upper
276 100
138 16.8 15.0 22.4
277 24.8 20.0 30.0

Manual Integrations
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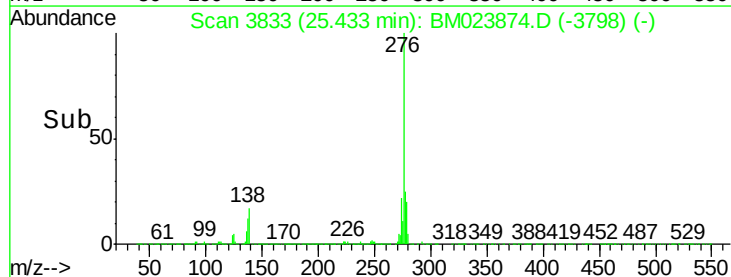
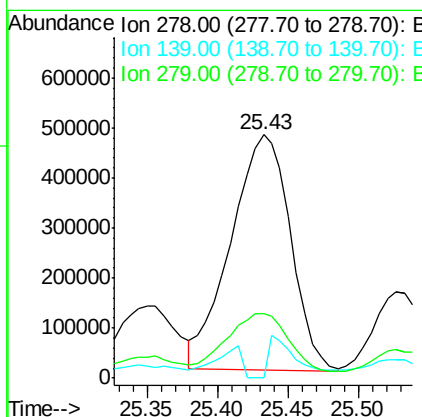
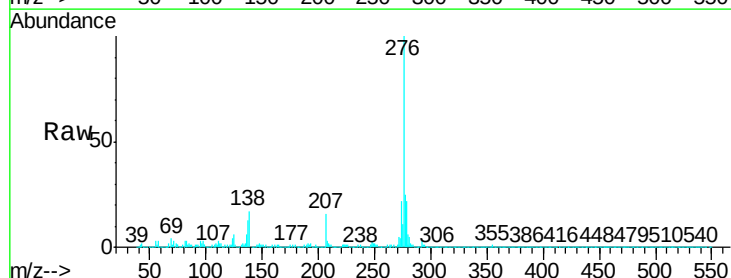
mohammad
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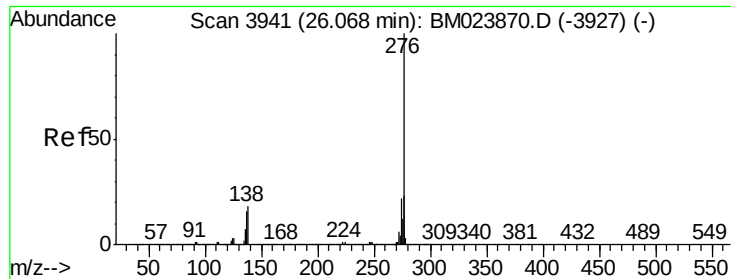


#93

Dibenzo(a,h)anthracene
Concen: 10.964 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BM023874.D
Acq: 23 Nov 2019 01:34

Tgt Ion:278 Resp: 1388722
Ion Ratio Lower Upper
278 100
139 0.0 10.0 15.0#
279 26.4 19.0 28.6





#94

Benzo(g,h,i)perylene

Concen: 45.241 ng/ul

RT: 26.09 min Scan# 3945

Delta R.T. 0.02 min

Lab File: BM023874.D

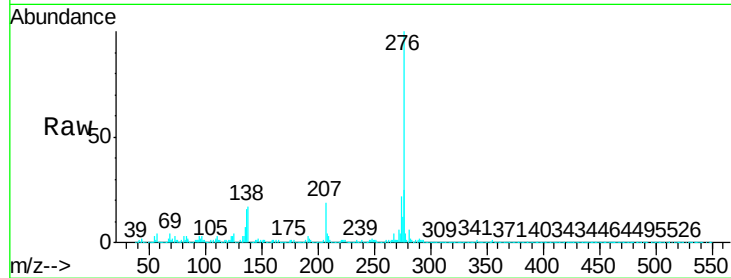
Acq: 23 Nov 2019 01:34

Instrument :

BNA_M

ClientSampleId :

C0AC9



Tgt Ion: 276 Resp: 5502009

Ion Ratio Lower Upper

276 100

138 17.5 13.2 19.8

277 24.7 18.6 28.0

Manual Integrations

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mohammad

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