

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021273.D
 Acq On : 29 Jun 2019 21:53
 Operator : HP/JU
 Sample : K3593-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C7BB8

Manual Integrations
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mohammad
 7/1/2019 2:43:22 PM

Quant Time: Jun 30 00:29:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 29 23:19:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	317749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1358179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	817666	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1632417	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1201213	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1448303	20.00	ng/ul	0.00

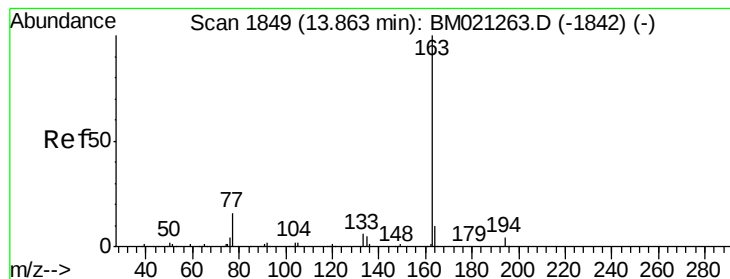
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	27150	4.06	ng/uL	0.00
5) Phenol-d5	6.93	99	734983	26.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	422357	25.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	617228	27.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	627519	27.18	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	326354	29.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	392390	32.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	738295	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	378227	14.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2250493	30.46	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2644386	29.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	271881	22.62	ng/ul	0.00
57) Fluorene-d10	15.40	176	1869259	29.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	210596	20.99	ng/ul	0.00
70) Anthracene-d10	17.25	188	2478875	29.22	ng/ul	0.00
78) Pyrene-d10	19.54	212	2197997	30.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2436723	28.52	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.86	163	1249375	18.577	ng/ul	99
69) Phenanthrene	17.19	178	497192	5.507	ng/ul	99
71) Anthracene	17.28	178	111810	1.215	ng/ul	99
76) Fluoranthene	19.21	202	1430219	14.661	ng/ul	99
79) Pyrene	19.57	202	1200578	14.138	ng/ul	100
82) Benzo(a)anthracene	21.32	228	718075	8.768	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	47521	1.062	ng/ul#	97
84) Chrysene	21.37	228	799833	10.428	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	1323105	14.422	ng/ul#	96
88) Benzo(k)fluoranthene	22.97	252	403544m	4.572	ng/ul	
90) Benzo(a)pyrene	23.51	252	767390	8.887	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	623231	6.129	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.90	278	166640	1.948	ng/ul#	84
93) Benzo(g,h,i)perylene	26.61	276	503416	6.011	ng/ul	98

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



#44

Dimethylphthalate

Concen: 18.577 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Instrument :

BNA_M

ClientSampleId :

C7BB8

Tot Ion:163 Resp: 1249375

Ion Ratio Lower Upper

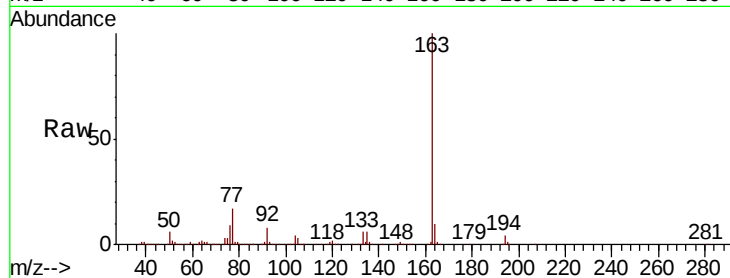
163 100

194 4.3 3.4 5.2

164 10.0 7.7 11.5

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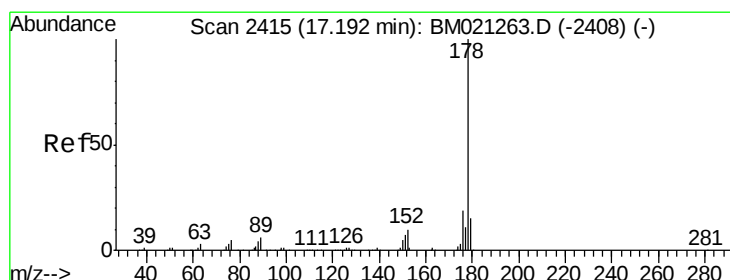
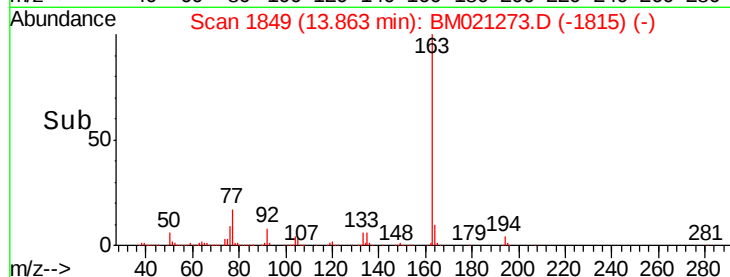
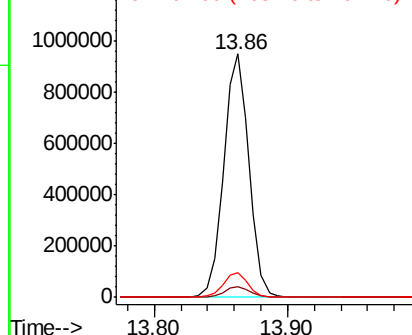


Abundance

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



#69

Phenanthrene

Concen: 5.507 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

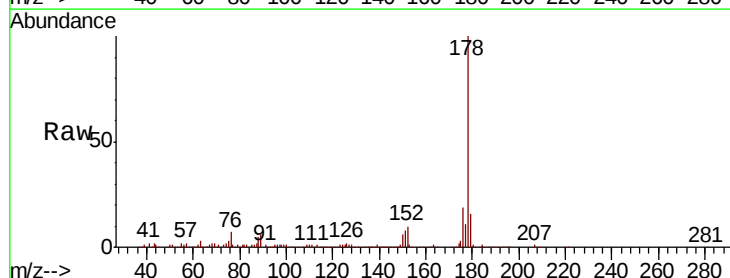
Tgt Ion:178 Resp: 497192

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

176 18.8 15.0 22.6

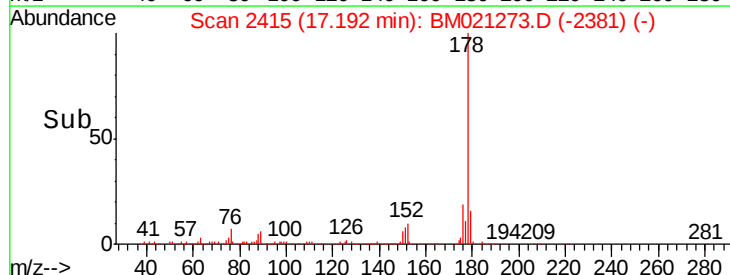
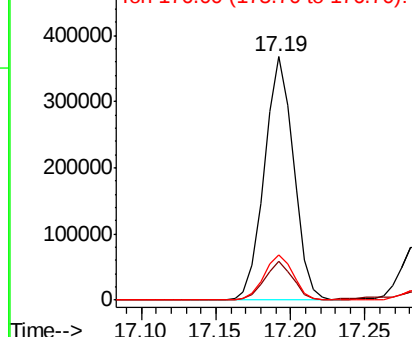


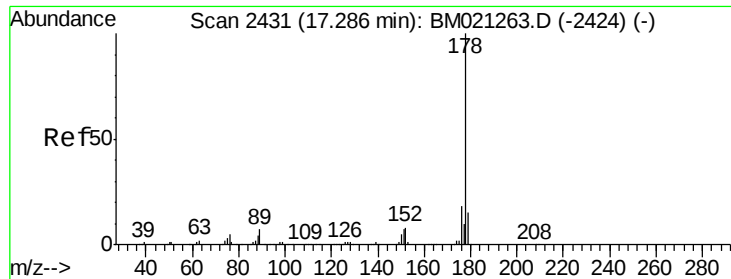
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





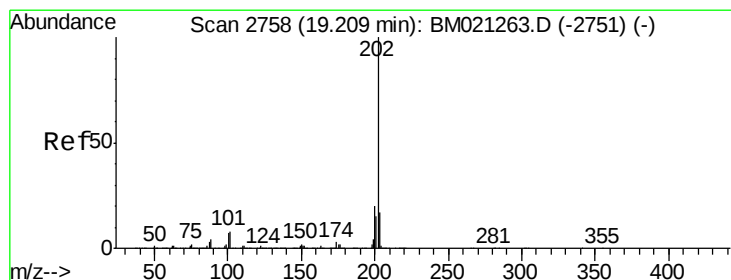
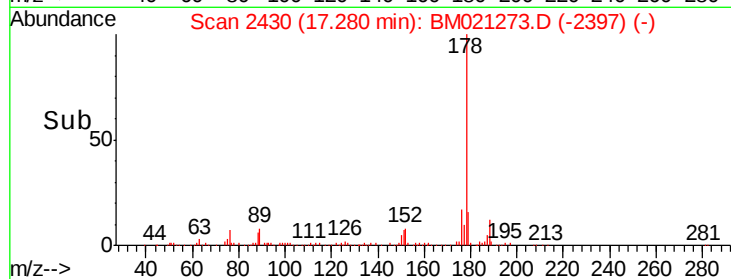
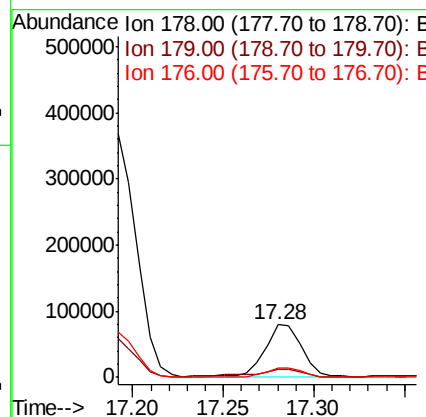
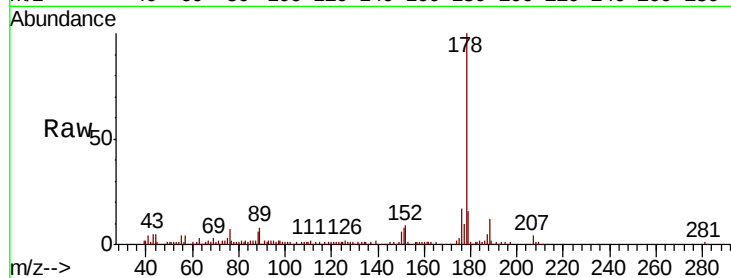
#71
 Anthracene
 Concen: 1.215 ng/ul
 RT: 17.28 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM021273.D
 Acq: 29 Jun 2019 21:53

Instrument :
 BNA_M
 ClientSampleId :
 C7BB8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	17.2	14.6	21.8

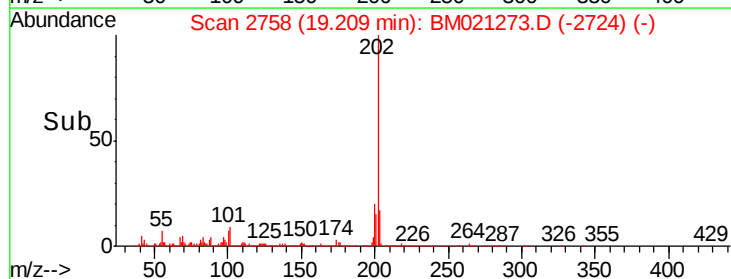
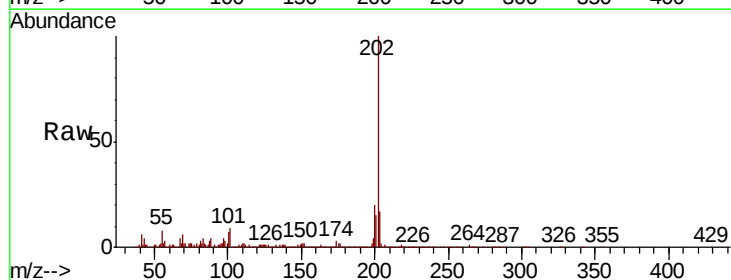
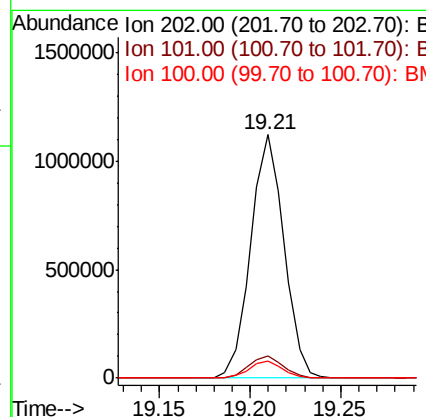
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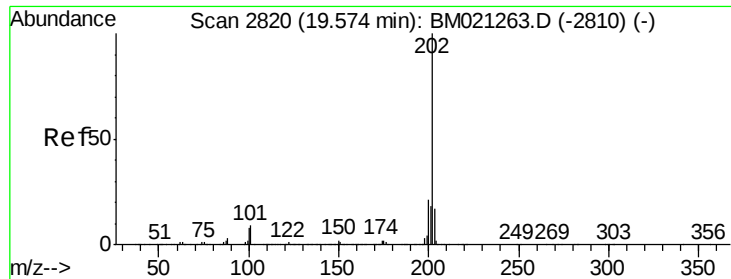
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#76
 Fluoranthene
 Concen: 14.661 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: BM021273.D
 Acq: 29 Jun 2019 21:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.7	10.1
100	6.8	5.5	8.3





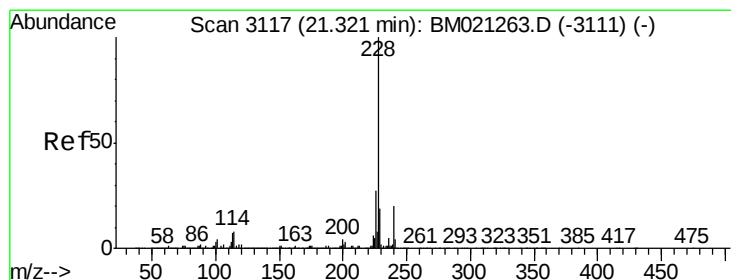
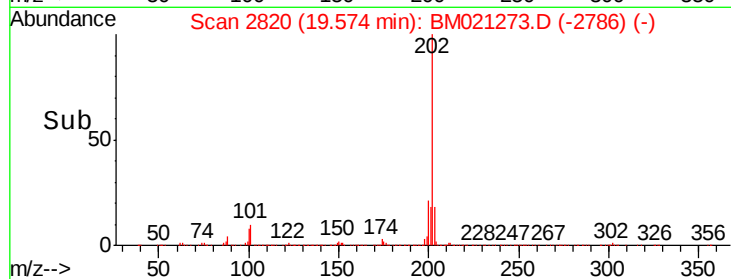
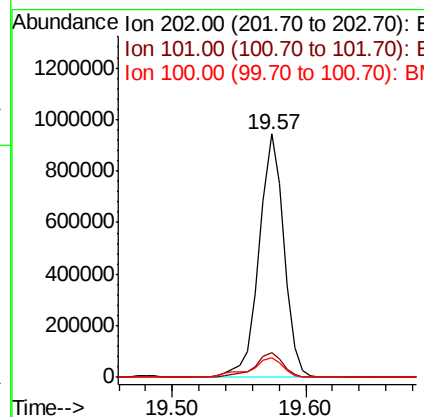
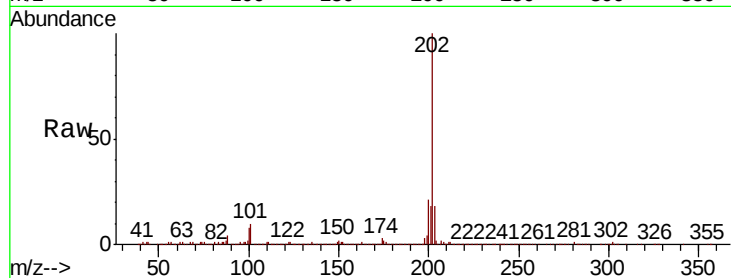
#79
Pvrene
Concen: 14.138 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BM021273.D
Acq: 29 Jun 2019 21:53

Instrument :
BNA_M
ClientSampleId :
C7BB8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1200578		
101	9.9	8.1	12.1		
100	8.3	6.6	10.0		

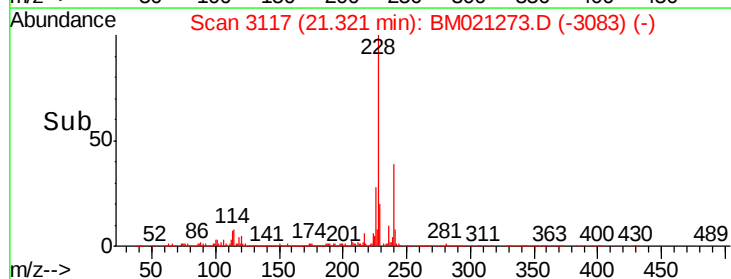
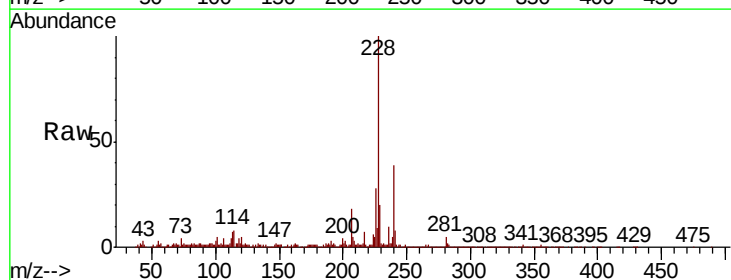
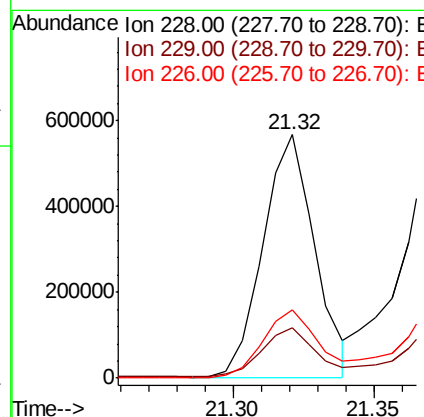
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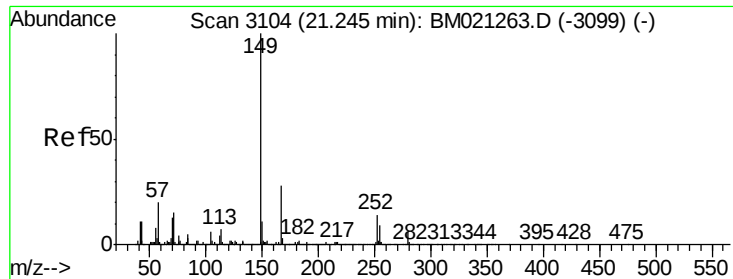
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#82
Benzo(a)anthracene
Concen: 8.768 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM021273.D
Acq: 29 Jun 2019 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		718075		
229	20.4	15.8	23.8		
226	28.2	21.4	32.2		





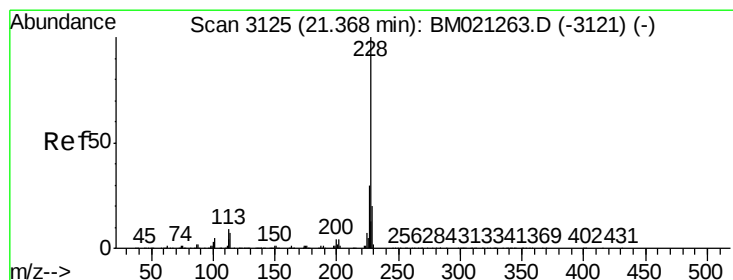
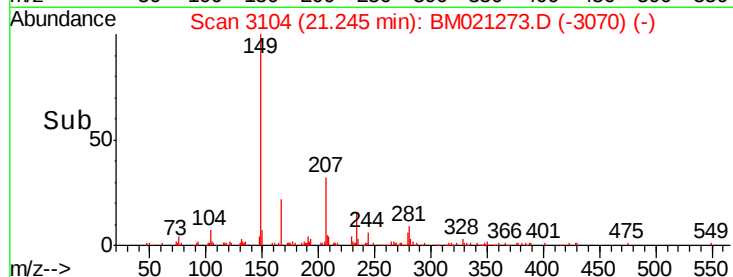
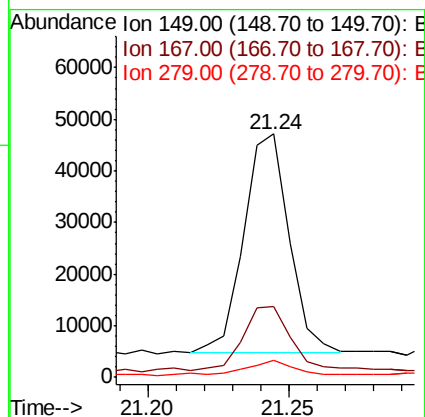
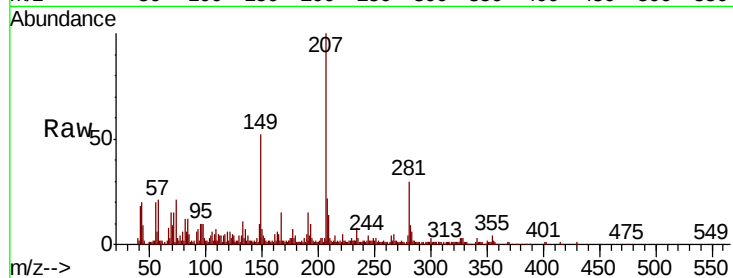
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.062 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM021273.D
Acq: 29 Jun 2019 21:53

Instrument :
BNA_M
ClientSampleId :
C7BB8

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.3	33.5
279	6.8	3.8	5.6

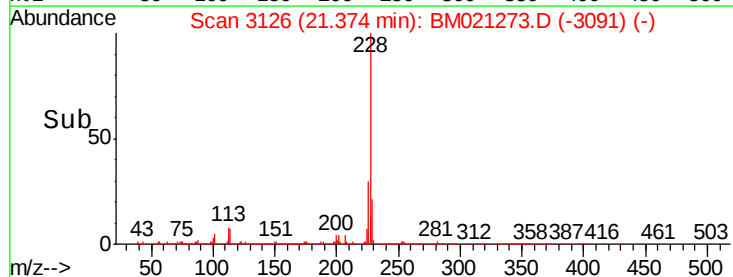
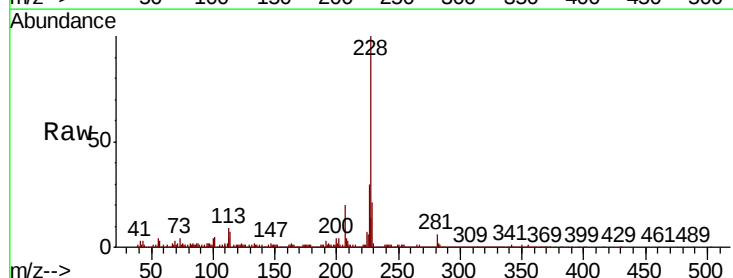
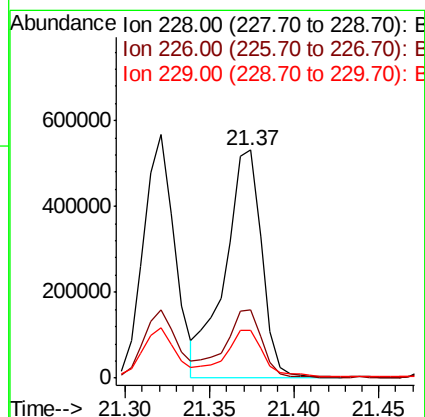
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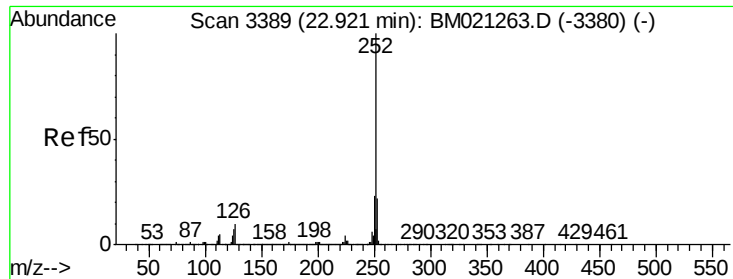
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#84
Chrysene
Concen: 10.428 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM021273.D
Acq: 29 Jun 2019 21:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	21.2	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 14.422 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Instrument :

BNA_M

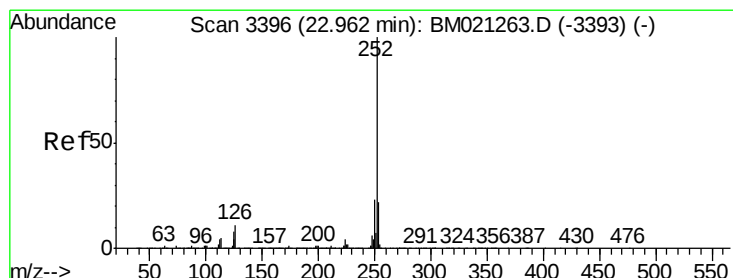
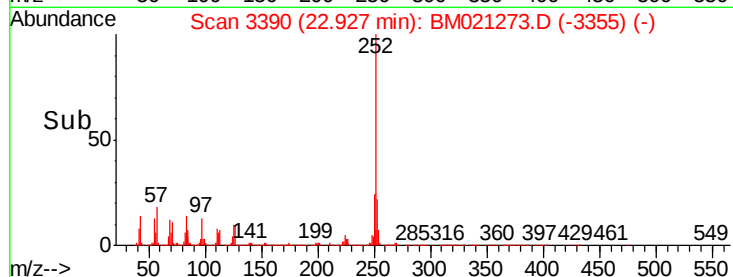
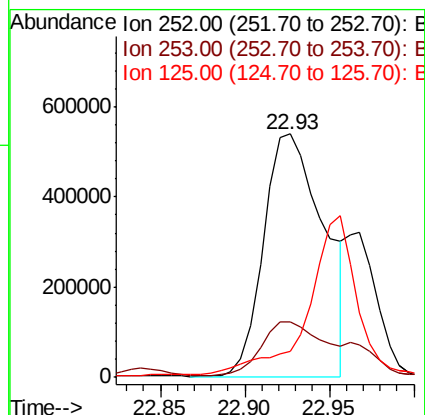
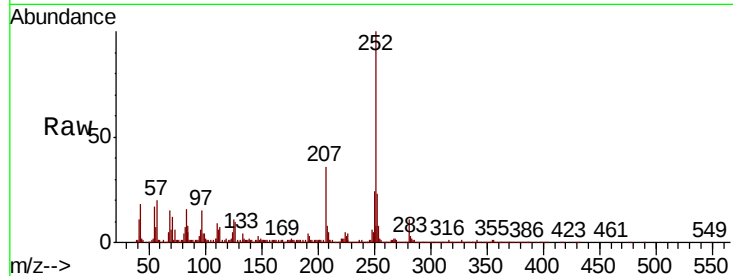
ClientSampleId :

C7BB8

Tot Ion:	252	Resp:	1323105
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	10.9	6.3	9.5#

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#88

Benzo(k)fluoranthene

Concen: 4.572 ng/ul m

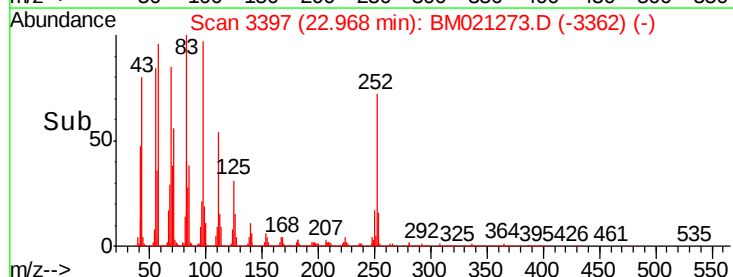
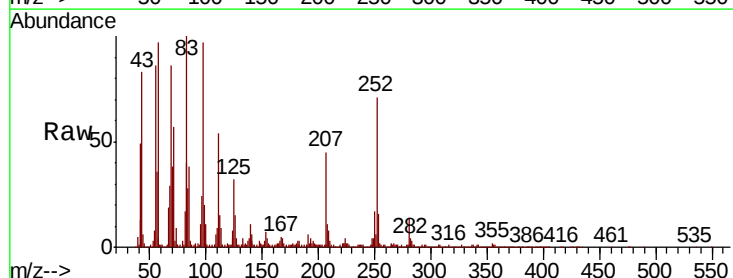
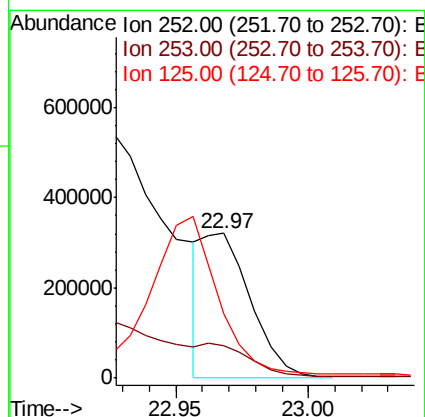
RT: 22.97 min Scan# 3397

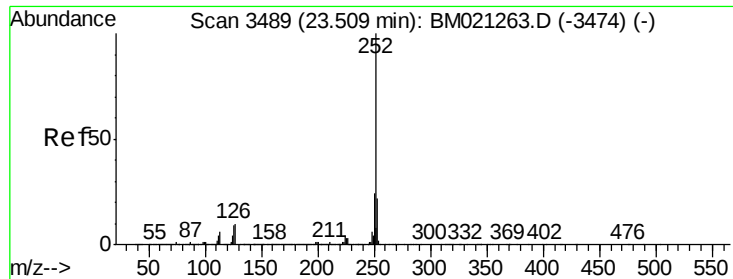
Delta R.T. 0.01 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Tgt Ion:	252	Resp:	403544
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	44.7	6.6	9.8#





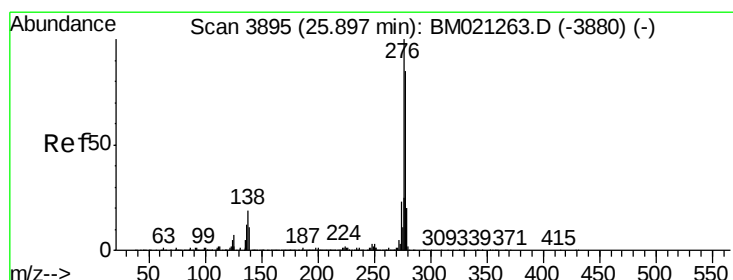
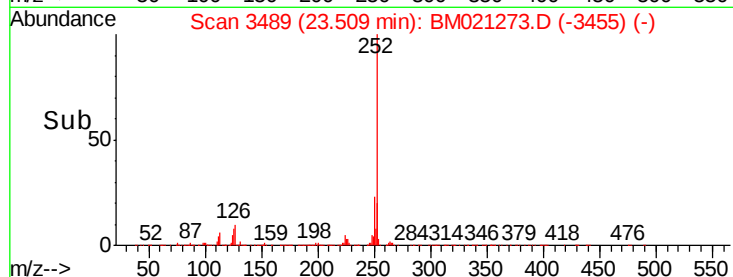
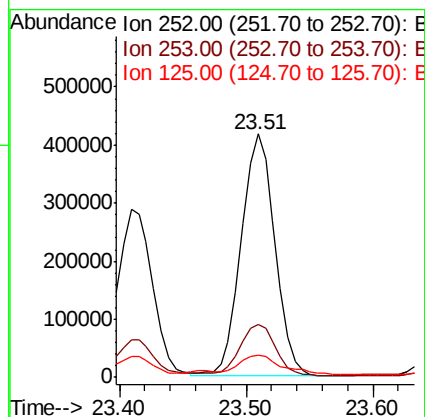
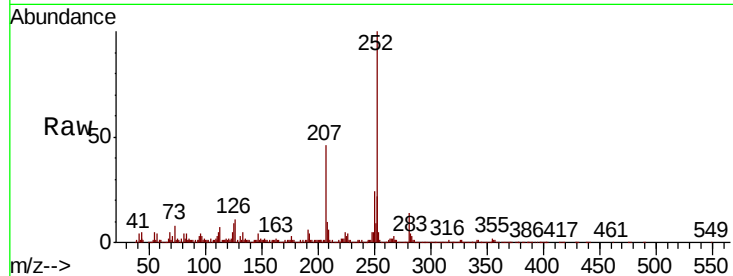
#90
Benzo(a)pyrene
Concen: 8.887 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BM021273.D
Acq: 29 Jun 2019 21:53

Instrument :
BNA_M
ClientSampleId :
C7BB8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.3	7.2	10.8

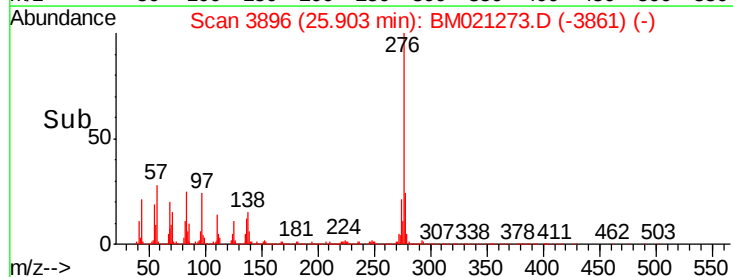
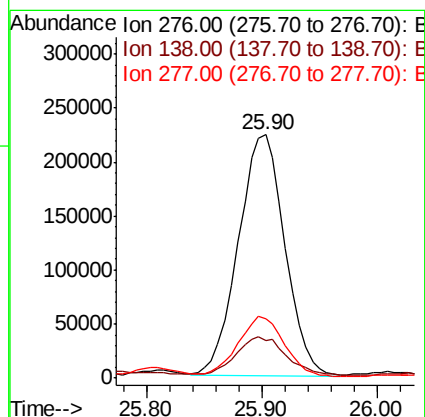
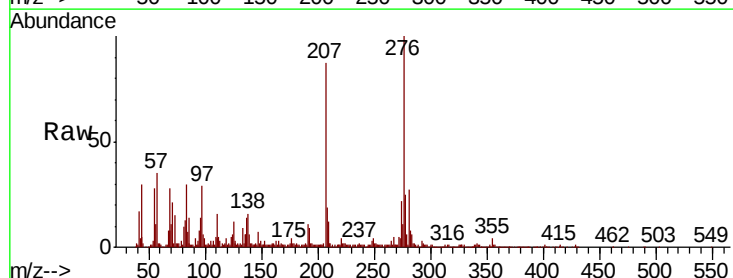
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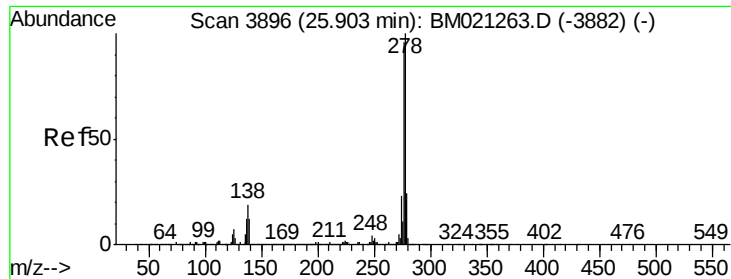
mohammad
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#91
Indeno(1,2,3-cd)pyrene
Concen: 6.129 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. 0.01 min
Lab File: BM021273.D
Acq: 29 Jun 2019 21:53

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.6	15.9	23.9#
277	24.6	20.4	30.6





#92

Dibenzo(a,h)anthracene

Concen: 1.948 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. 0.00 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Instrument :

BNA_M

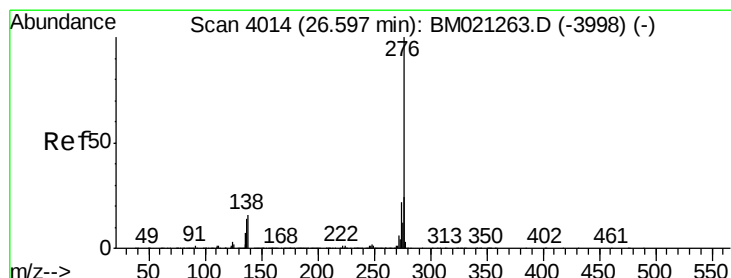
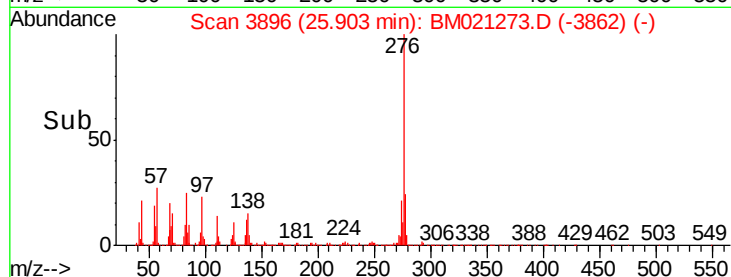
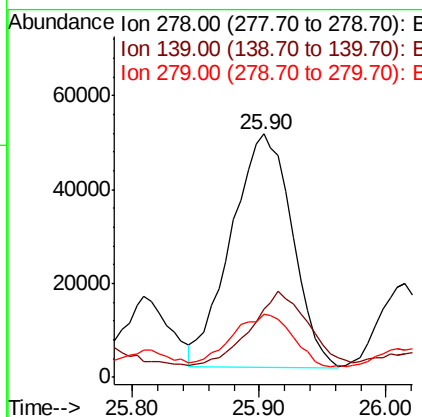
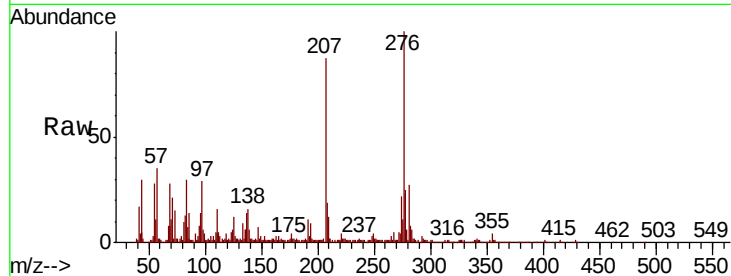
ClientSampleId :

C7BB8

Tot Ion:	278	Resp:	166640
Ion Ratio	Lower	Upper	
278	100		
139	28.0	10.6	15.8#
279	26.0	19.0	28.4

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 6.011 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. 0.01 min

Lab File: BM021273.D

Acq: 29 Jun 2019 21:53

Tgt Ion:	276	Resp:	503416
Ion Ratio	Lower	Upper	
276	100		
138	16.9	14.6	21.8
277	24.3	18.9	28.3

