

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023204.D
 Acq On : 16 Oct 2019 23:21
 Operator : JU
 Sample : K5262-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB73

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:27:32 AM

Quant Time: Oct 17 06:37:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 04:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	450151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1787130	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1042937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	2008307	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1916122	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2368782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31316	3.06	ng/uL	0.00
5) Phenol-d5	6.83	99	553906	14.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	350763	15.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	475375	15.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	450247	14.30	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	224453	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	235757	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	455675	15.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	255292	7.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1327568	16.61	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1585115	16.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	134071	10.36	ng/ul	0.00
58) Fluorene-d10	15.30	176	1124117	16.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	86450	10.86	ng/ul	0.00
71) Anthracene-d10	17.15	188	1656306	17.10	ng/ul	0.00
79) Pyrene-d10	19.45	212	1717876	18.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2043997	17.02	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.86	94	109725	2.714	ng/ul	96
28) Naphthalene	10.49	128	130865	1.417	ng/ul	99
45) Dimethylphthalate	13.77	163	457848	5.723	ng/ul	100
48) Acenaphthylene	14.03	152	178946	1.867	ng/ul	99
70) Phenanthrene	17.10	178	749172	6.647	ng/ul	99
72) Anthracene	17.19	178	245117	2.105	ng/ul	99
77) Fluoranthene	19.12	202	1616019	12.056	ng/ul	99
80) Pyrene	19.48	202	1570160	13.081	ng/ul	99
81) Butylbenzylphthalate	20.40	149	43924	1.052	ng/ul#	97
83) Benzo(a)anthracene	21.23	228	1165510m	8.977	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.20	149	787715	11.866	ng/ul#	99
85) Chrysene	21.28	228	1149378	9.534	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	1846114	12.854	ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	504739m	3.660	ng/ul	
91) Benzo(a)pyrene	23.36	252	1334696	9.686	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	1016992	6.204	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	294348	2.148	ng/ul#	91
94) Benzo(g,h,i)perylene	26.35	276	976967	7.239	ng/ul	99

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

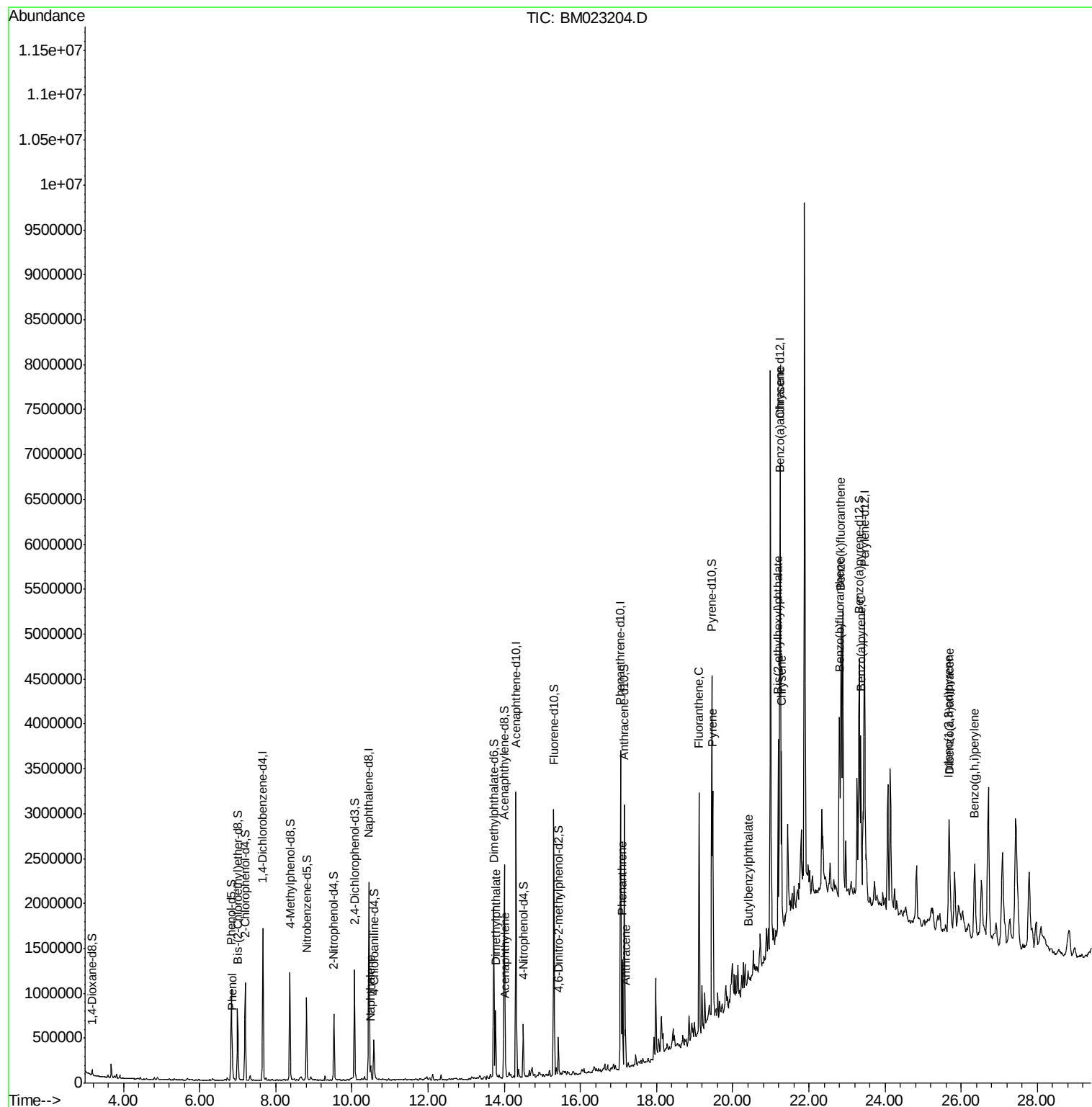
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023204.D
Acq On : 16 Oct 2019 23:21
Operator : JU
Sample : K5262-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

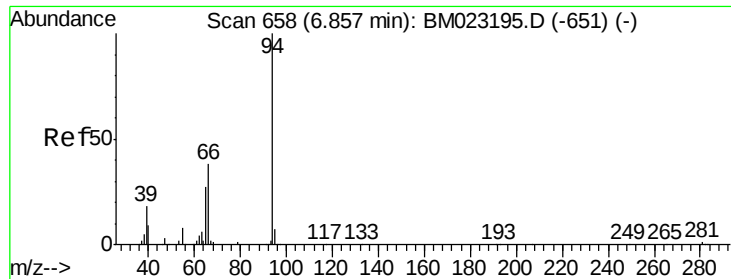
Instrument :
BNA_M
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Quant Time: Oct 17 06:37:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
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#6

Phenol

Concen: 2.714 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

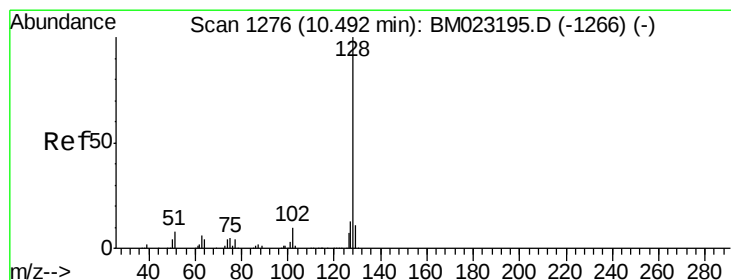
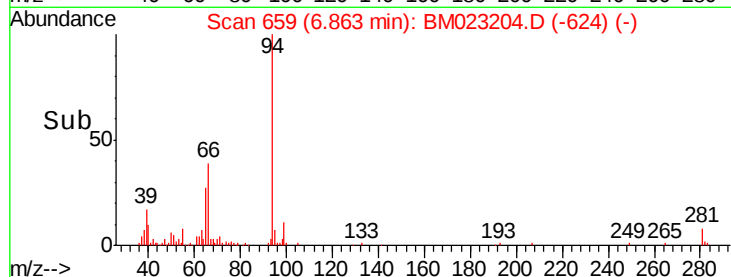
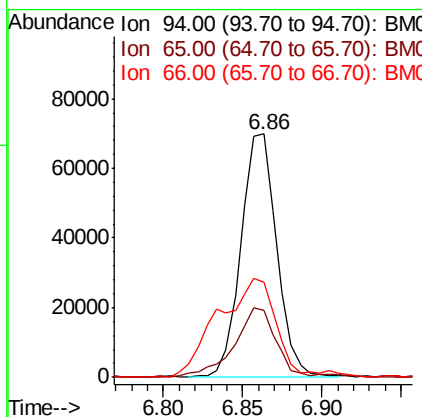
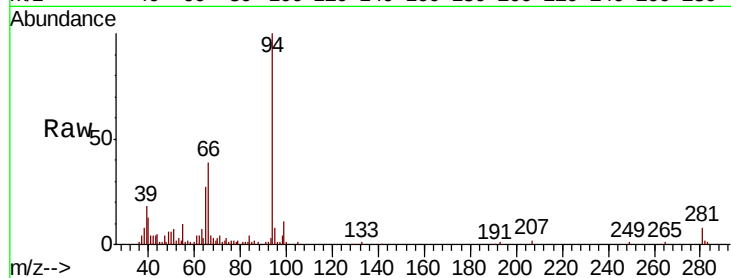
ClientSampleId :

BFB73

Tot Ion:	94	Resp:	109725
Ion Ratio		Lower	Upper
94	100		
65	27.3	23.7	35.5
66	38.9	32.9	49.3

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#28

Naphthalene

Concen: 1.417 ng/ul

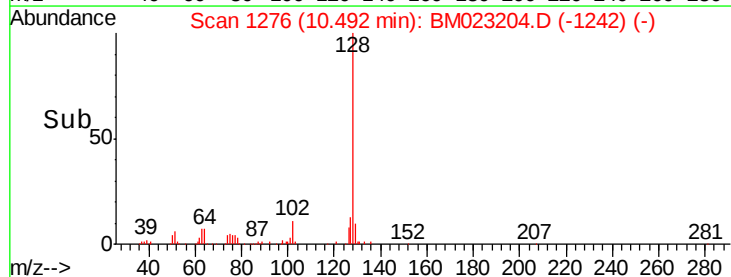
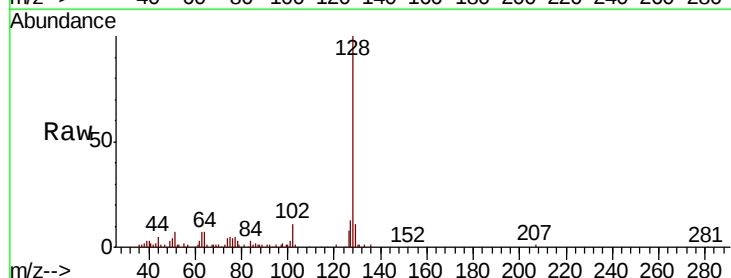
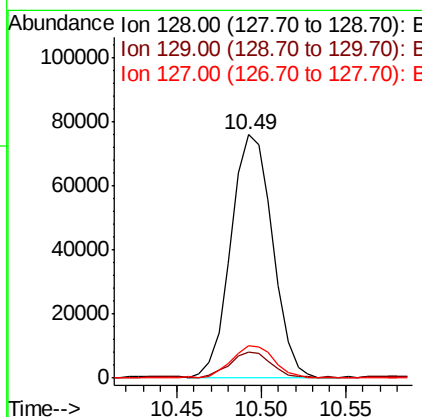
RT: 10.49 min Scan# 1276

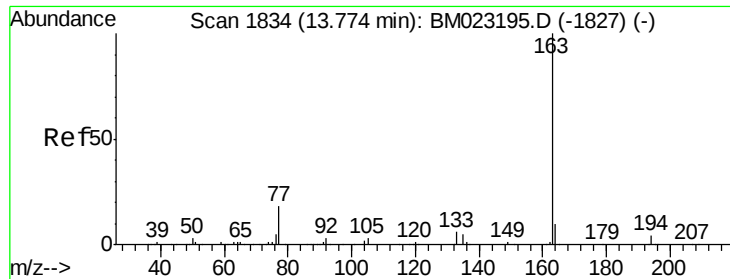
Delta R.T. -0.00 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Tgt Ion:	128	Resp:	130865
Ion Ratio		Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.3	10.2	15.4





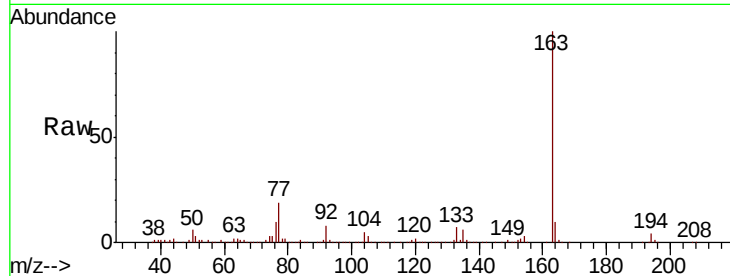
#45
Dimethylphthalate
Concen: 5.723 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Instrument :
BNA_M
ClientSampleId :
BFB73

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.0	12.0

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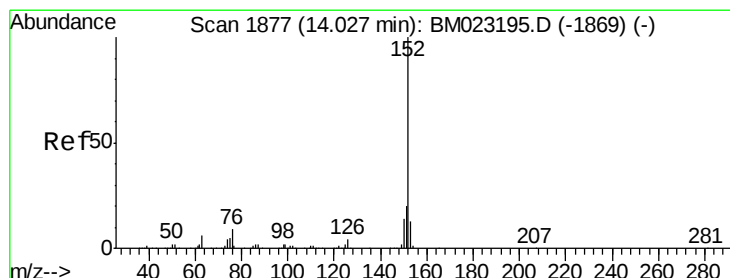
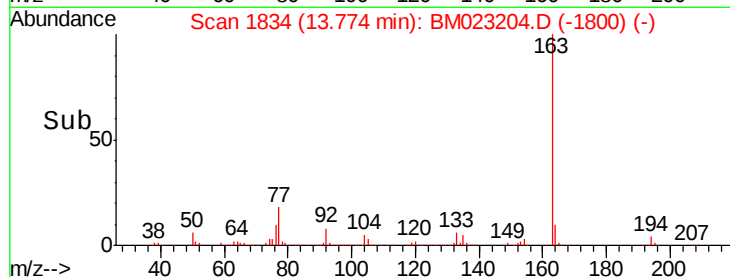
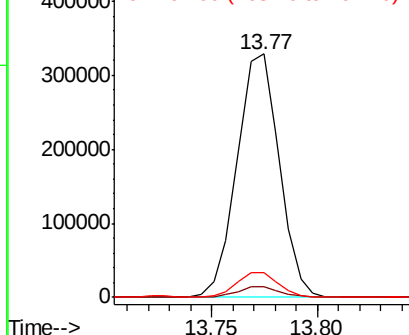


Abundance

Ion 163.00 (162.70 to 163.70): E

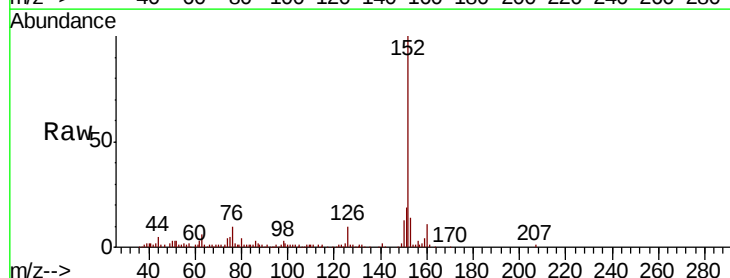
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 1.867 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.7	10.3	15.5

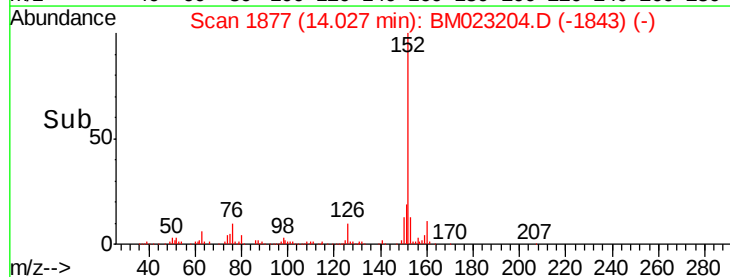
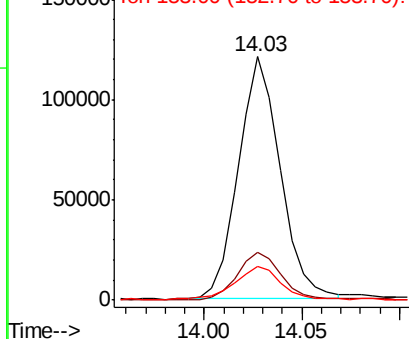


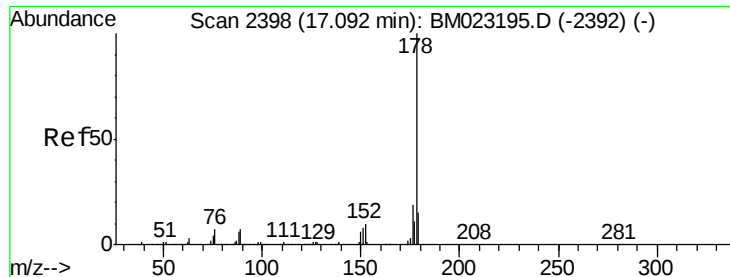
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





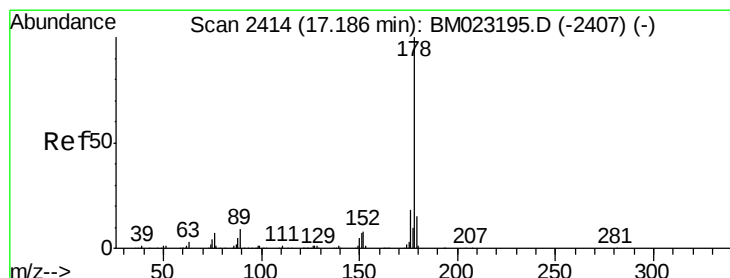
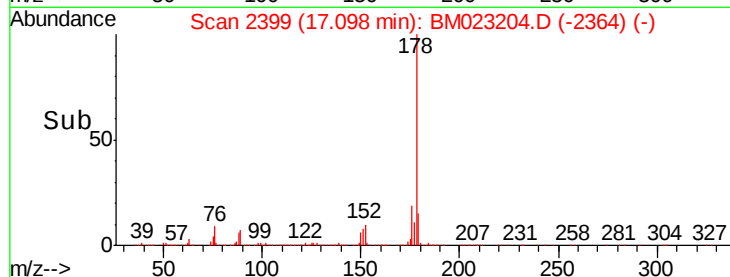
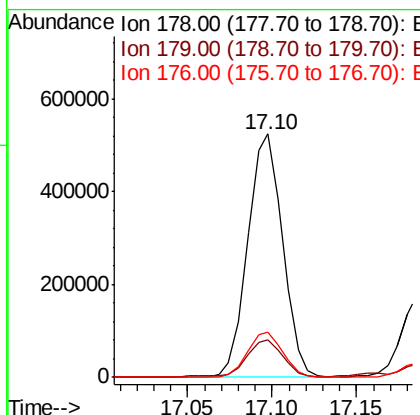
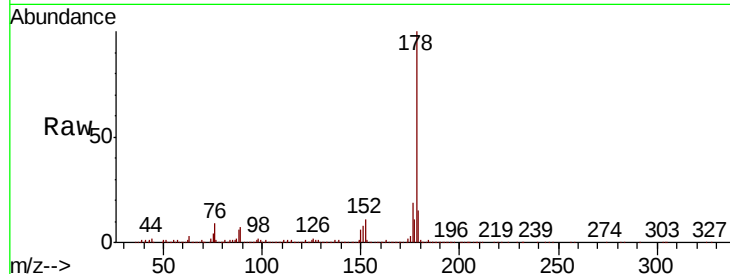
#70
Phenanthrene
Concen: 6.647 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Instrument :
BNA_M
ClientSampleId :
BFB73

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.5	23.3

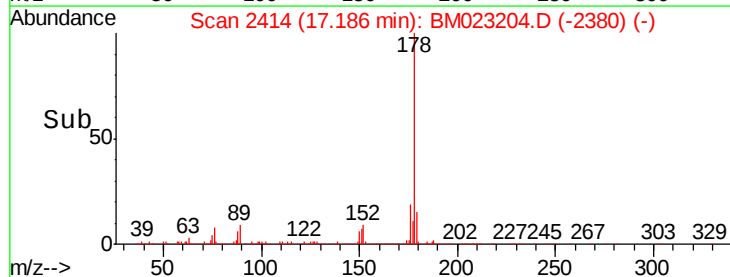
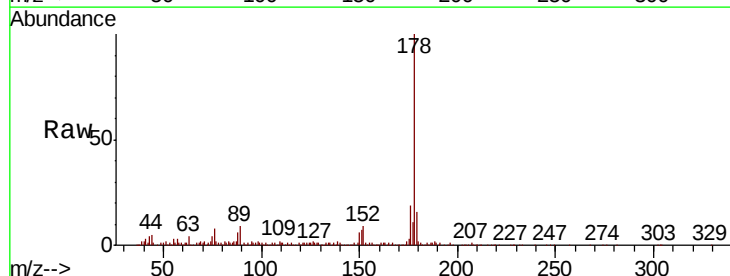
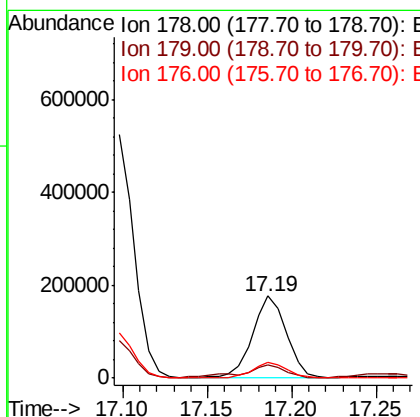
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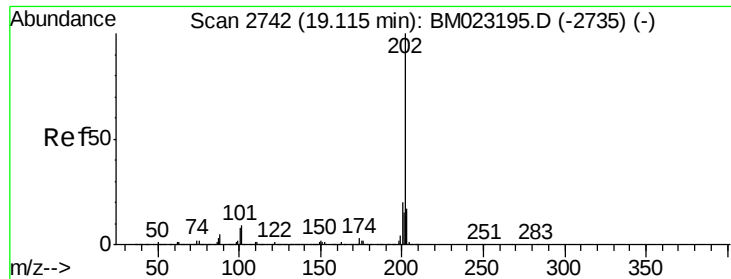
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#72
Anthracene
Concen: 2.105 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.7	15.0	22.4





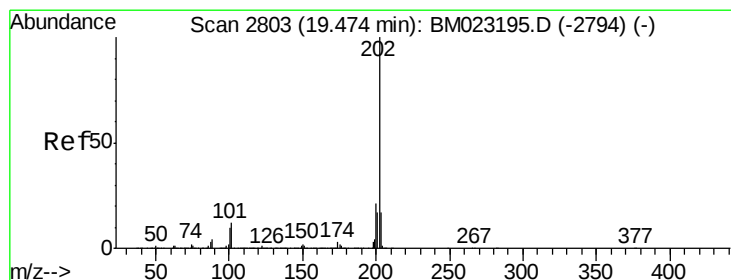
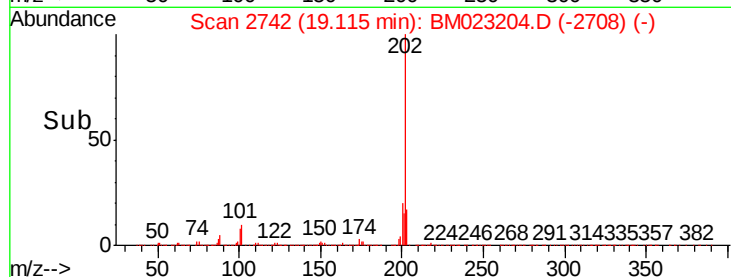
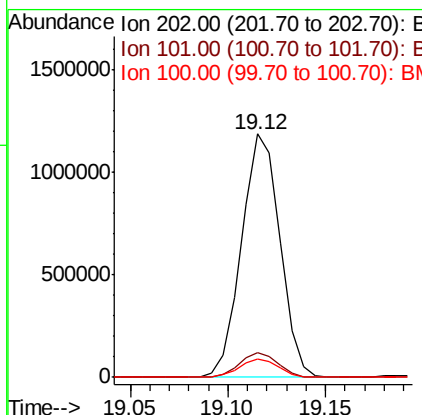
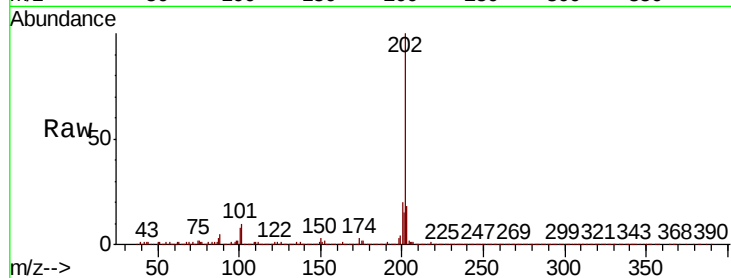
#77
Fluoranthene
Concen: 12.056 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Instrument :
BNA_M
ClientSampleId :
BFB73

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.8	11.8
100	7.8	6.1	9.1

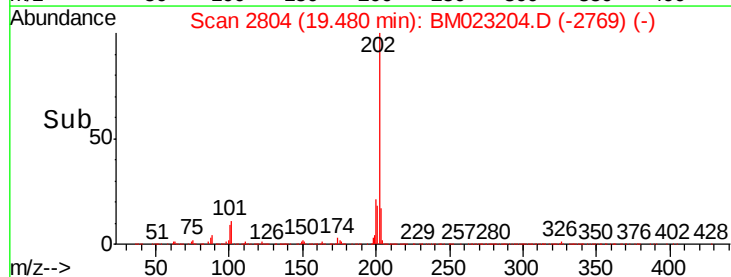
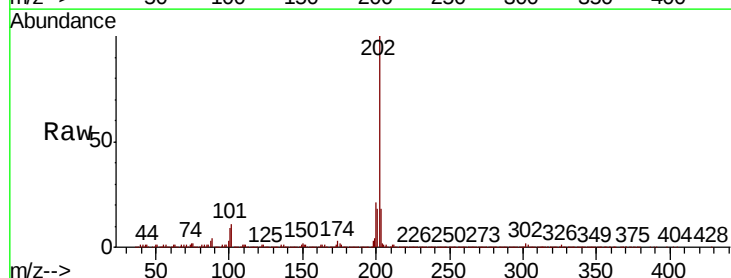
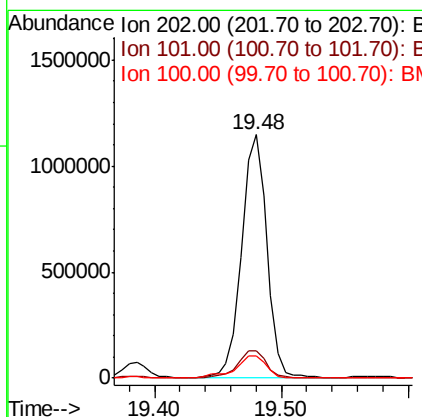
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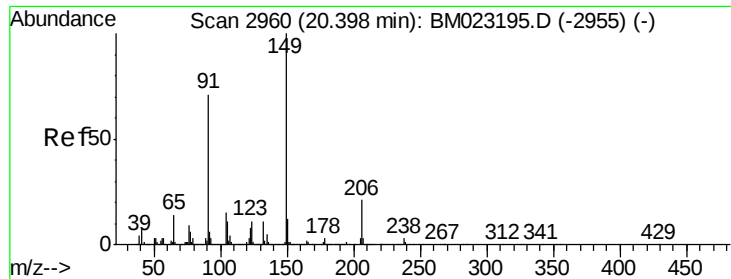
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#80
Pyrene
Concen: 13.081 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	9.3	7.5	11.3





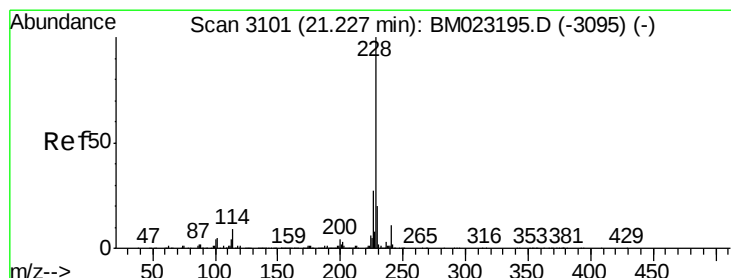
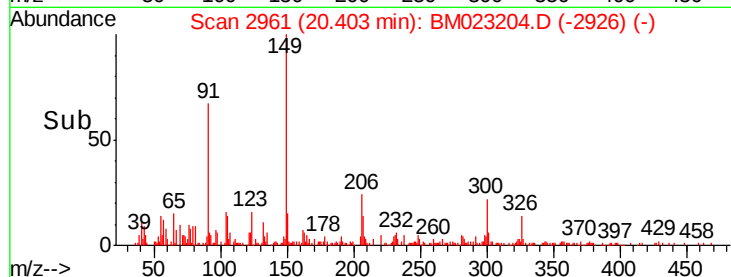
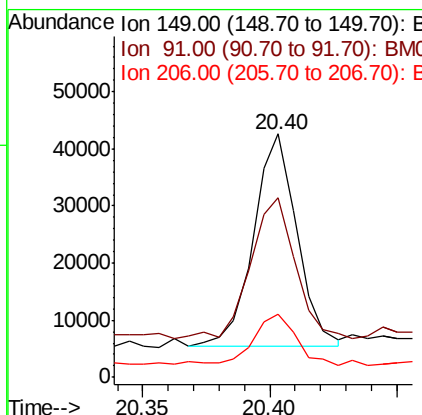
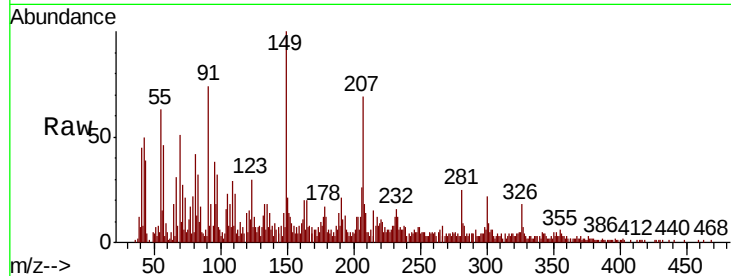
#81
Butylbenzylphthalate
Concen: 1.052 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Instrument :
BNA_M
ClientSampleID :
BFB73

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.8	59.9	89.9
206	25.7	17.1	25.7

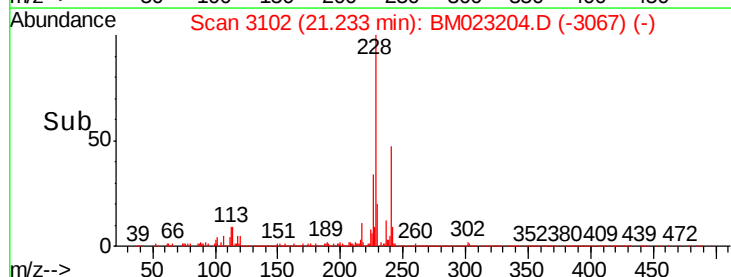
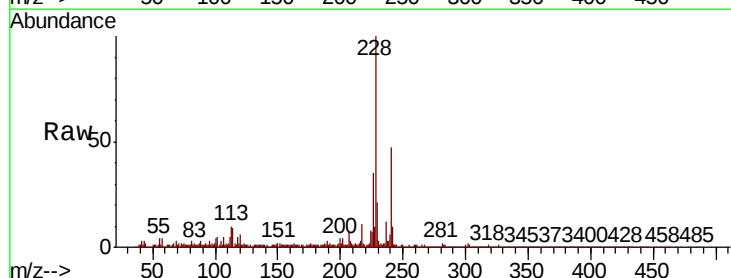
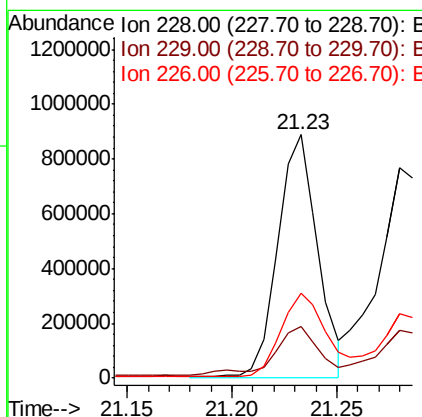
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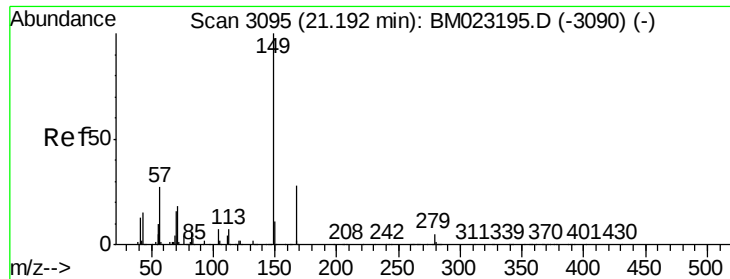
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#83
Benzo(a)anthracene
Concen: 8.977 ng/ul m
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	34.9	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.866 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

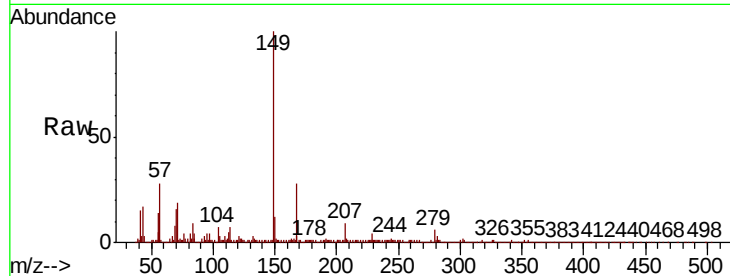
ClientSampleId :

BFB73

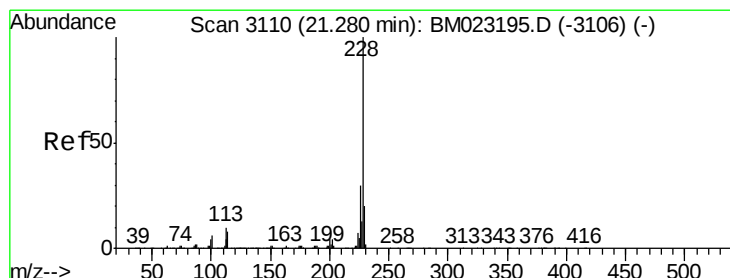
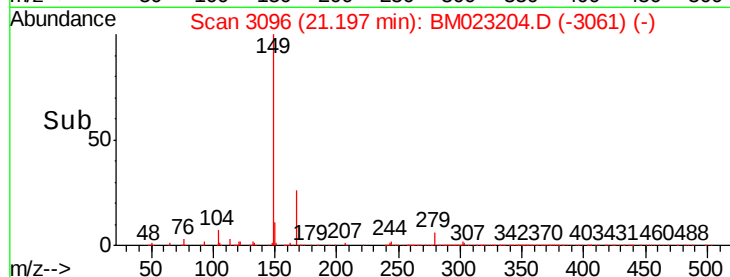
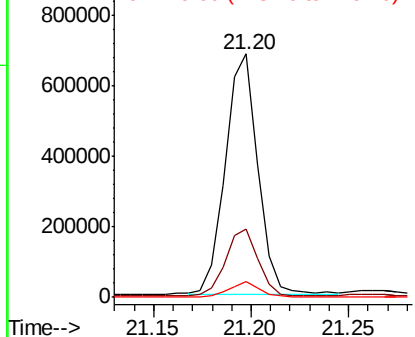
Tot Ion:	149	Resp:	787715
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.5	33.7
279	6.2	4.0	6.0#

Manual Integrations
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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: 9.534 ng/ul

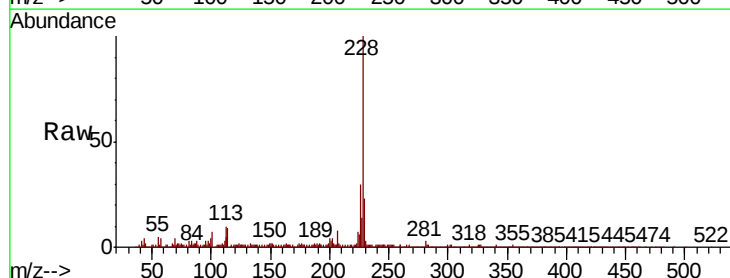
RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

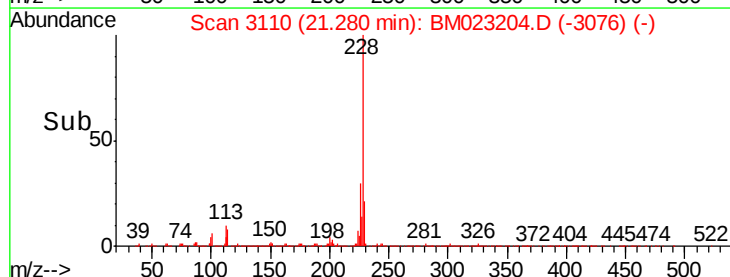
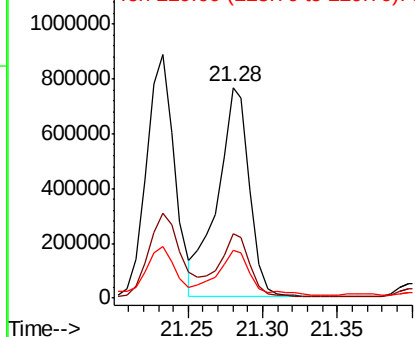
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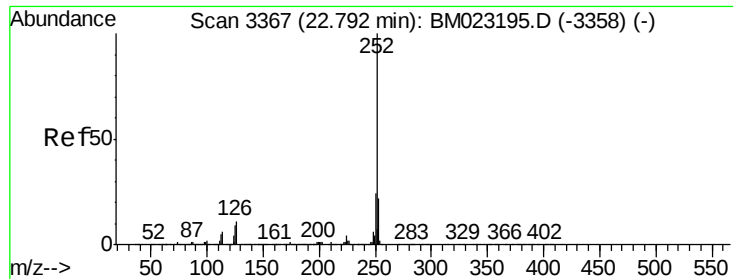
Acq: 16 Oct 2019 23:21

Tgt Ion:	228	Resp:	1149378
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.8	35.6
229	22.5	15.5	23.3



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





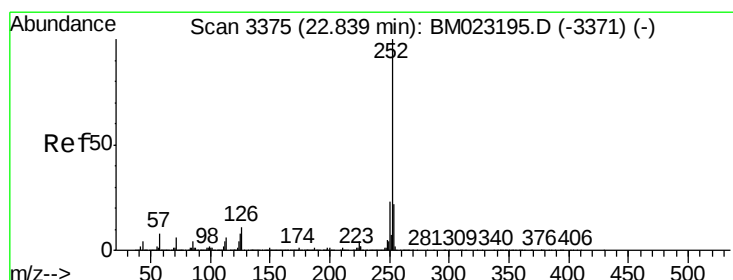
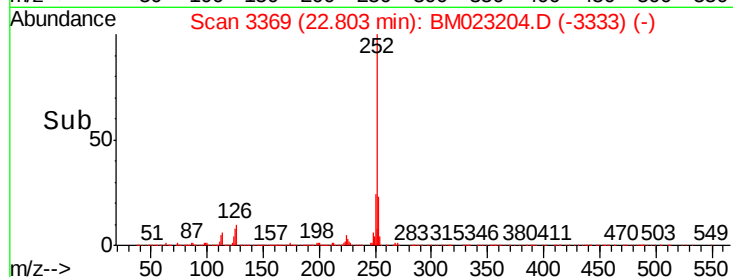
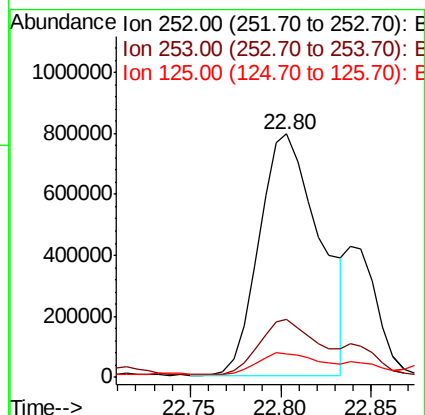
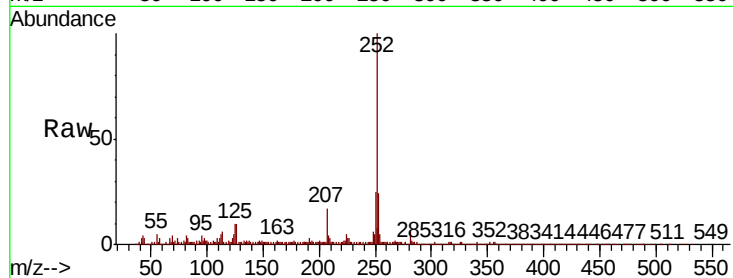
#88
Benzo(b)fluoranthene
Concen: 12.854 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Instrument :
BNA_M
ClientSampleID :
BFB73

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	9.6	6.4	9.6#

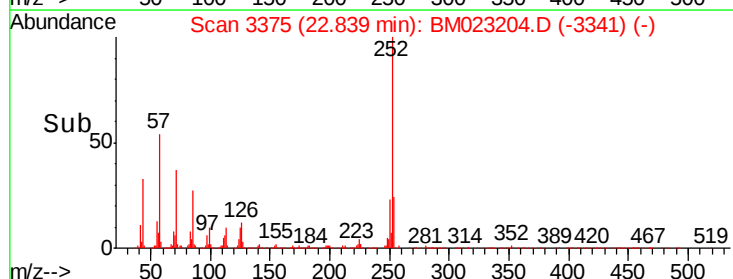
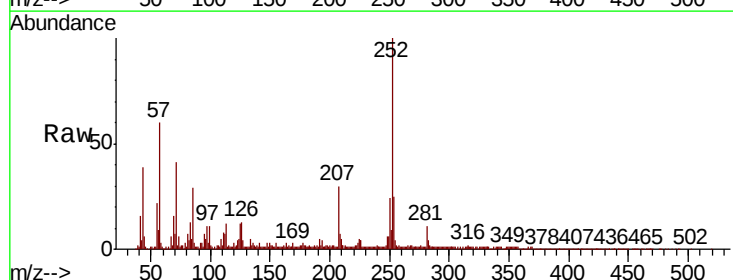
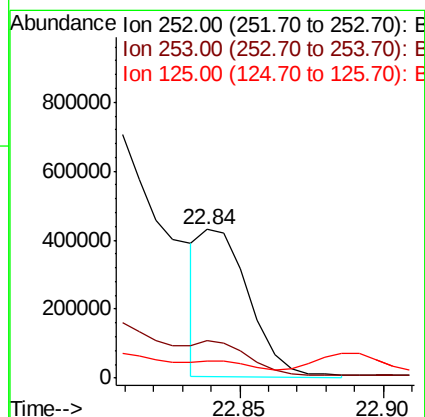
Manual Integrations
APPROVED

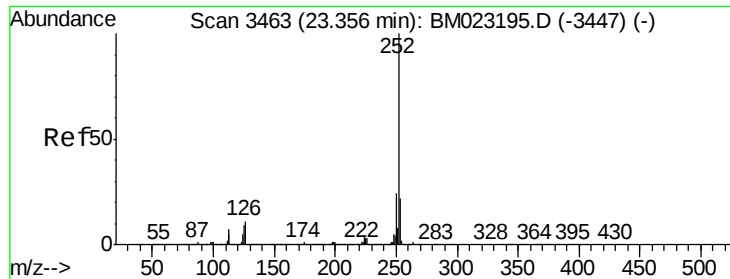
mohammad
10/18/2019 8:27:32 AM



#89
Benzo(k)fluoranthene
Concen: 3.660 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	11.9	6.5	9.7#





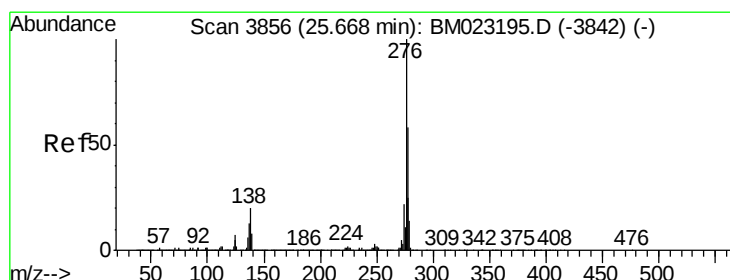
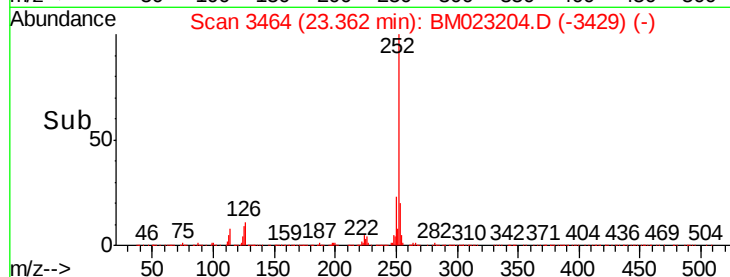
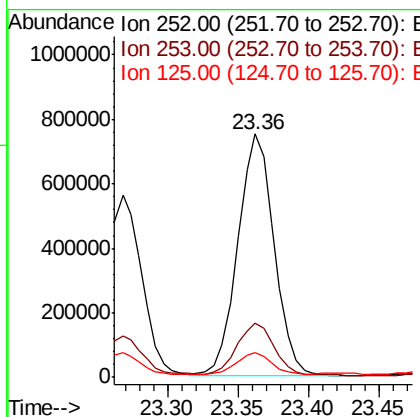
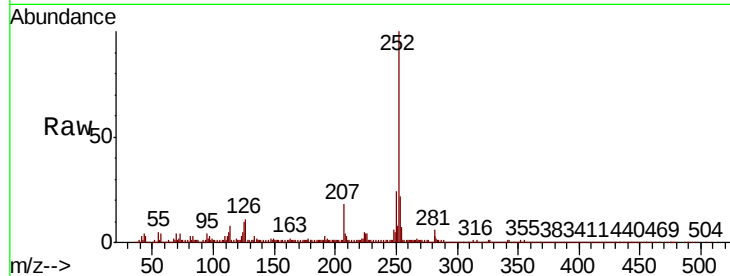
#91
Benzo(a)pyrene
Concen: 9.686 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Instrument :
BNA_M
ClientSampled :
BFB73

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.3	7.4	11.0

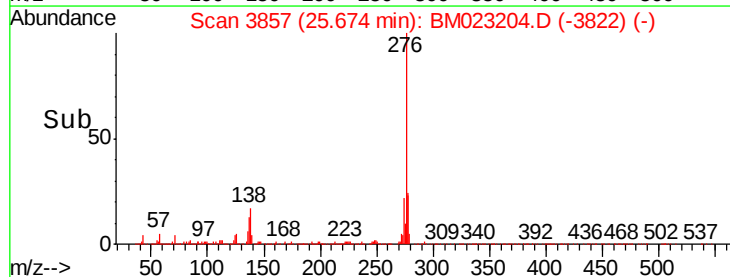
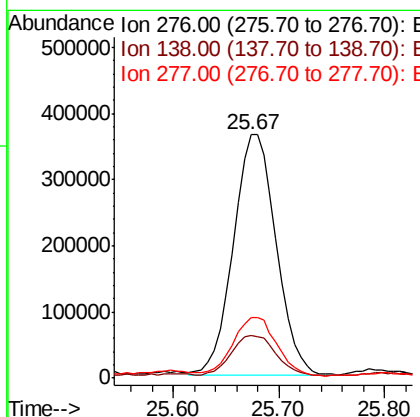
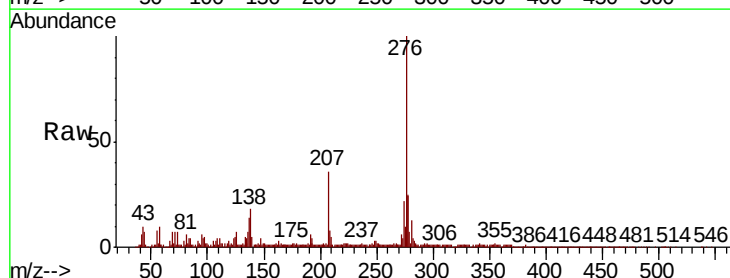
Manual Integrations
APPROVED

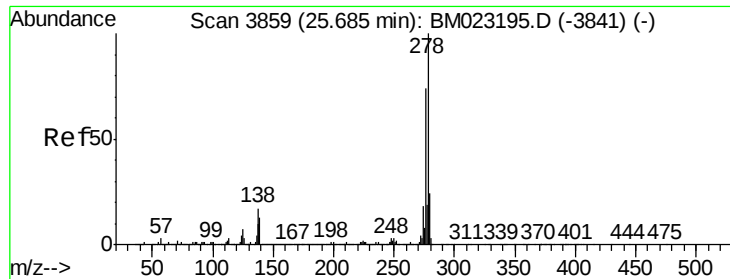
mohammad
10/18/2019 8:27:32 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.204 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM023204.D
Acq: 16 Oct 2019 23:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.9	22.3
277	24.8	19.8	29.8





#93

Dibenzo(a,h)anthracene

Concen: 2.148 ng/ul

RT: 25.69 min Scan# 3859

Delta R.T. -0.00 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

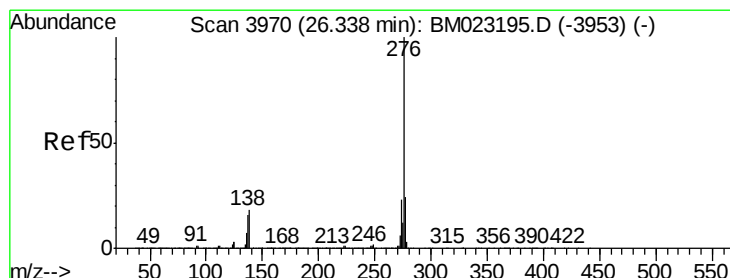
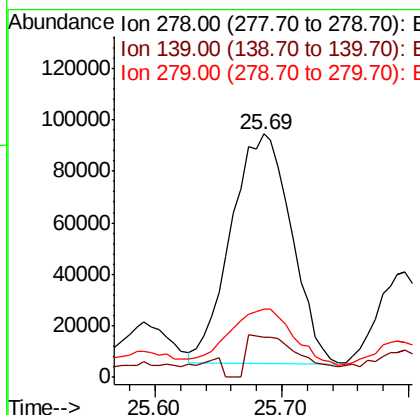
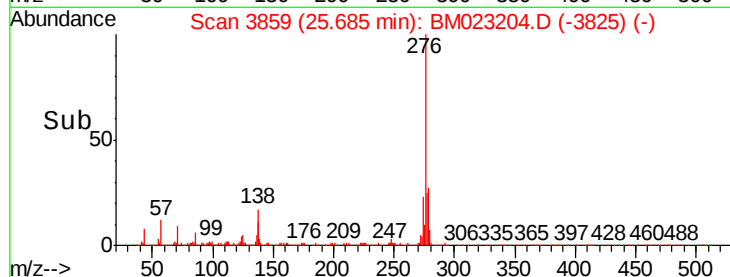
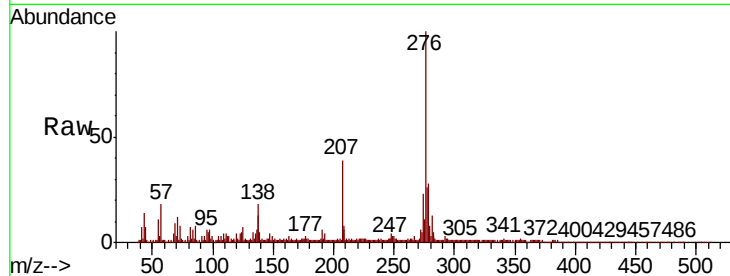
ClientSampleId :

BFB73

Tot Ion:	278	Resp:	294348
Ion Ratio	Lower	Upper	
278	100		
139	16.5	10.0	15.0#
279	28.1	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/18/2019 8:27:32 AM



#94

Benzo(g,h,i)perylene

Concen: 7.239 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Tgt Ion:	276	Resp:	976967
Ion Ratio	Lower	Upper	
276	100		
138	17.4	14.4	21.6
277	24.3	19.4	29.2

