

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023197.D
 Acq On : 16 Oct 2019 19:09
 Operator : JU
 Sample : K5199-06DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP73DL

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:53 AM

Quant Time: Oct 17 04:59:26 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	477499	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1872458	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1088891	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2102539	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2014295	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2458751	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	23621	2.18	ng/uL	0.00
5) Phenol-d5	6.83	99	382475	9.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	258563	10.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	336839	10.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	273931	8.20	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	154993	12.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	159978	13.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	313553	10.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	210332	5.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	926087	11.10	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1105635	11.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	63446	4.70	ng/ul	0.00
58) Fluorene-d10	15.30	176	800060	11.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	61790m	7.41	ng/ul	0.00
71) Anthracene-d10	17.15	188	1176707	11.61	ng/ul	0.00
79) Pyrene-d10	19.44	212	1261018	12.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1489282	11.95	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.77	163	478568	5.730	ng/ul	99
70) Phenanthrene	17.09	178	1043899	8.847	ng/ul	99
72) Anthracene	17.19	178	227559	1.866	ng/ul	98
76) Di-n-butylphthalate	18.04	149	159345	1.229	ng/ul#	95
77) Fluoranthene	19.12	202	1884964	13.432	ng/ul	100
80) Pyrene	19.48	202	2047242	16.224	ng/ul	100
83) Benzo(a)anthracene	21.23	228	1128715	8.270	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	2938052	42.100	ng/ul	99
85) Chrysene	21.28	228	1151519	9.086	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	1394833	9.357	ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	462378m	3.230	ng/ul	
91) Benzo(a)pyrene	23.36	252	1095260	7.658	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	724364	4.257	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	202155	1.421	ng/ul#	90
94) Benzo(g,h,i)perylene	26.34	276	707804	5.053	ng/ul	99

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

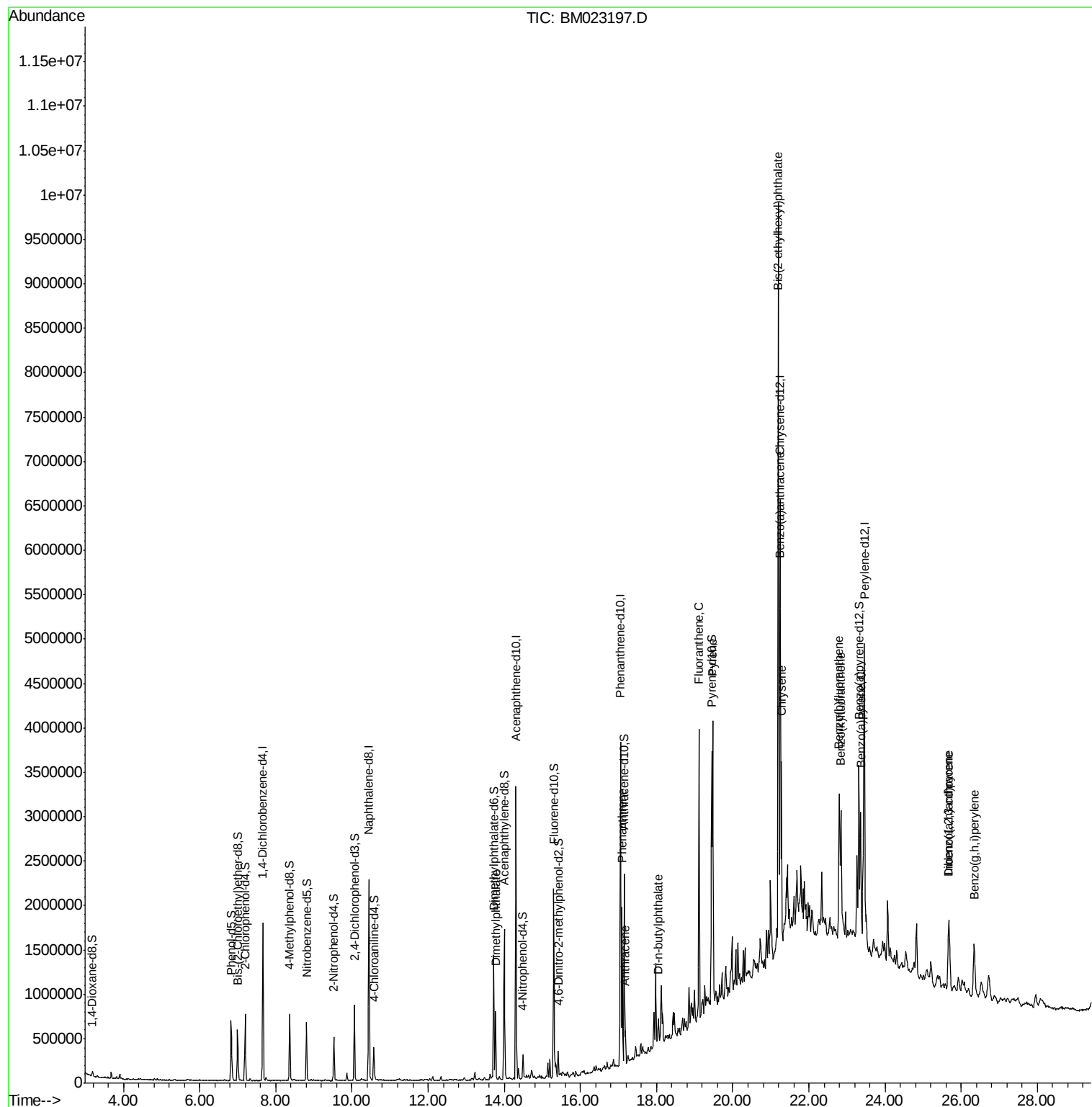
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023197.D
Acq On : 16 Oct 2019 19:09
Operator : JU
Sample : K5199-06DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

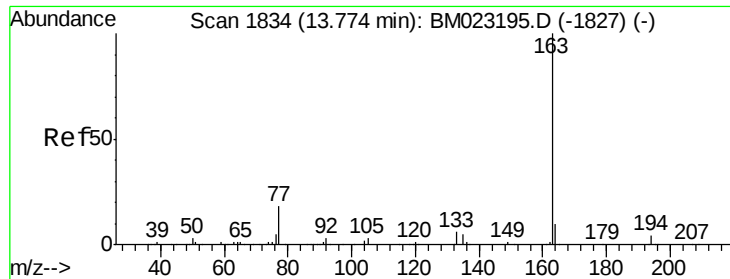
Instrument :
BNA_M
ClientSampled :
BEP73DL

Quant Time: Oct 17 04:59:26 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

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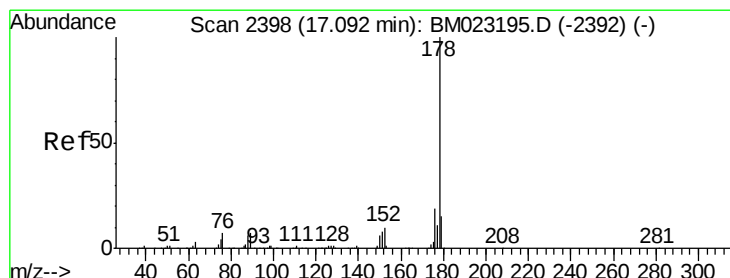
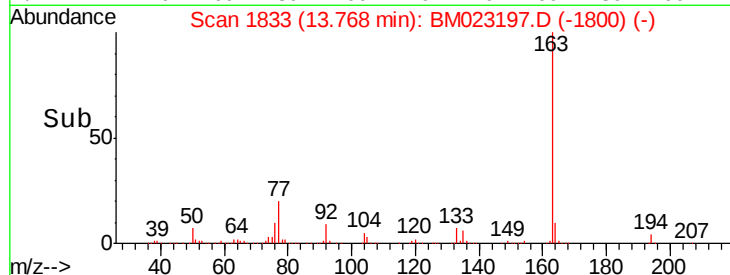
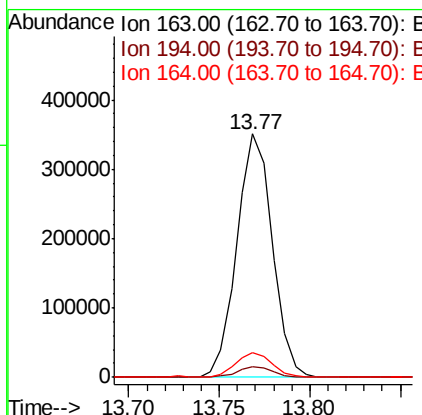
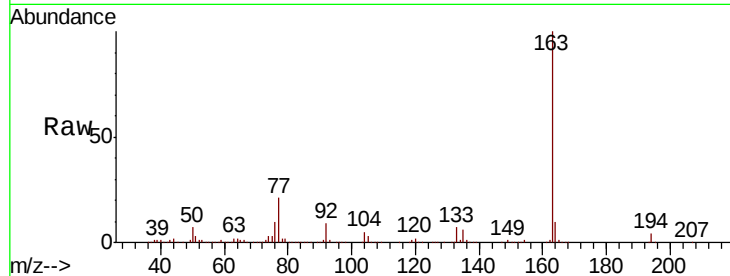
#45
Dimethylphthalate
Concen: 5.730 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

Instrument :
BNA_M
ClientSampleId :
BEP73DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	478568		
194	4.3		3.5	5.3
164	10.3		8.0	12.0

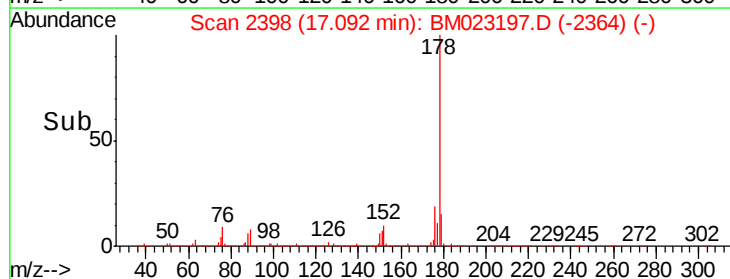
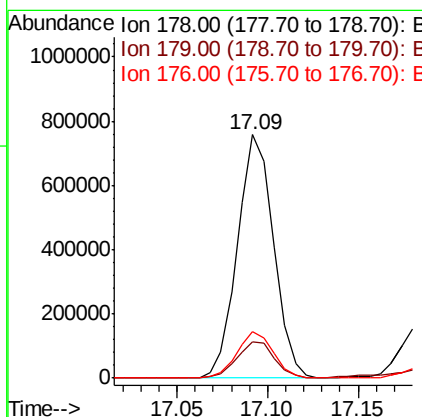
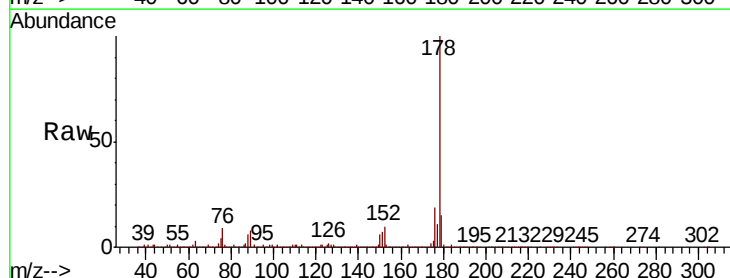
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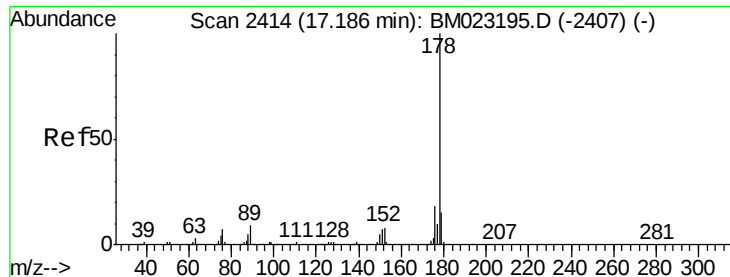
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#70
Phenanthrene
Concen: 8.847 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1043899		
179	14.9		12.3	18.5
176	18.9		15.5	23.3





#72

Anthracene

Concen: 1.866 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM023197.D

Acq: 16 Oct 2019 19:09

Instrument :

BNA_M

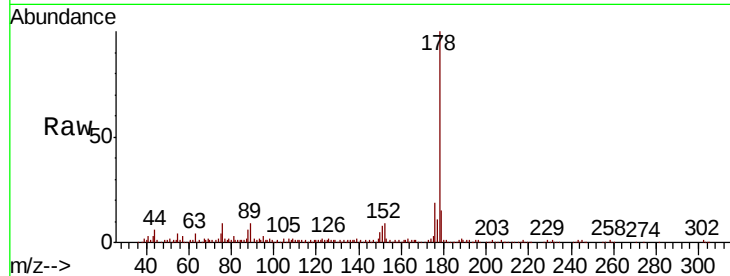
ClientSampled :

BEP73DL

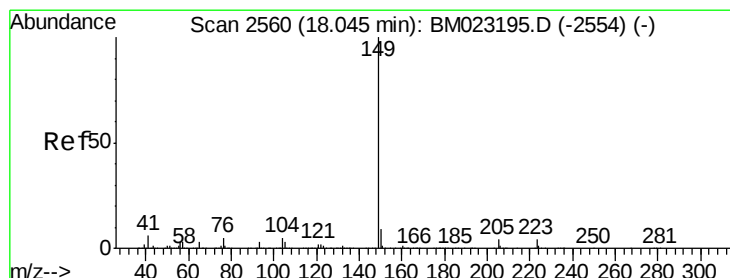
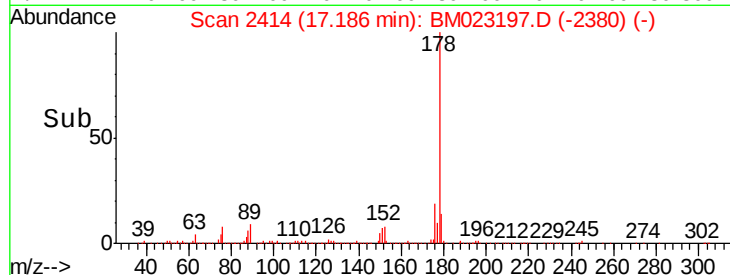
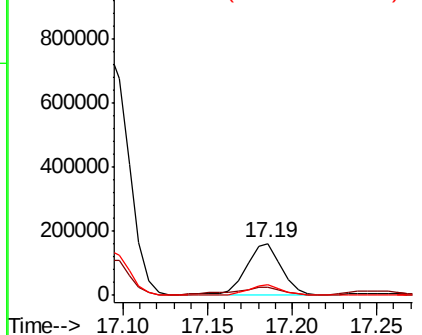
Tot Ion:	178	Resp:	227559
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.3	18.5
176	19.3	15.0	22.4

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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



#76

Di-n-butylphthalate

Concen: 1.229 ng/ul

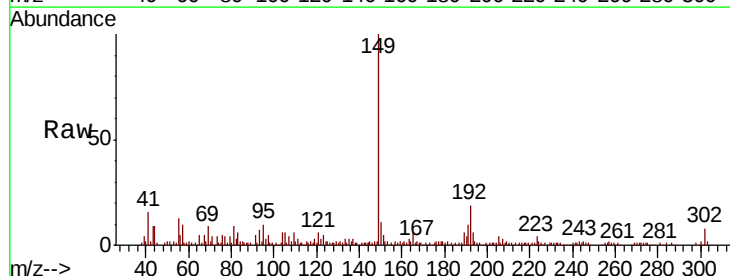
RT: 18.04 min Scan# 2560

Delta R.T. -0.00 min

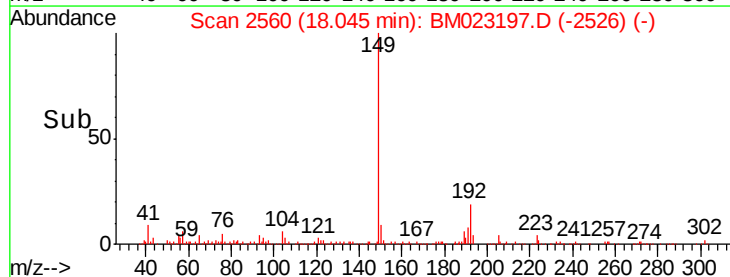
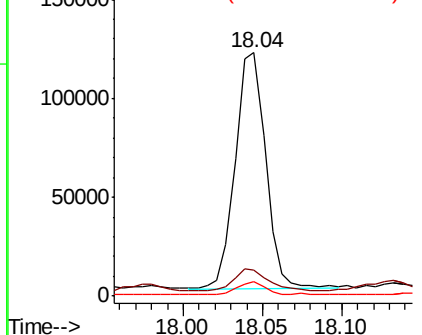
Lab File: BM023197.D

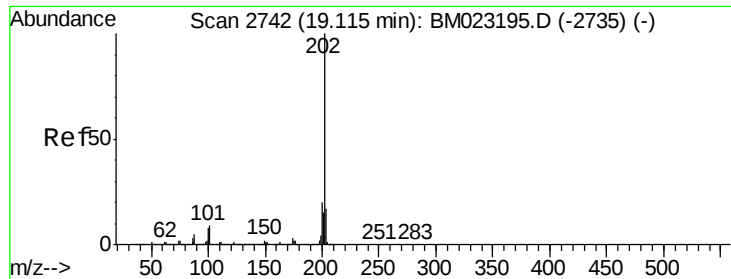
Acq: 16 Oct 2019 19:09

Tgt Ion:	149	Resp:	159345
Ion Ratio	Lower	Upper	
149	100		
150	10.8	7.0	10.4#
104	5.8	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





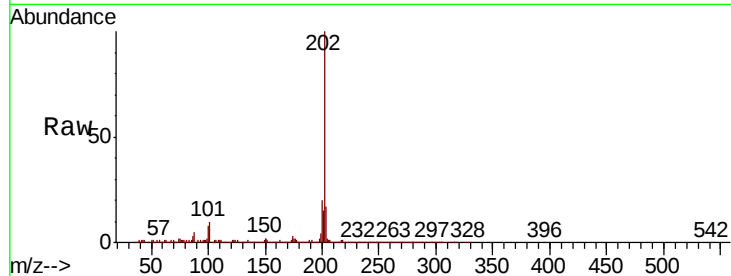
#77
Fluoranthene
Concen: 13.432 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

Instrument :
BNA_M
ClientSampleId :
BEP73DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
100	7.7	6.1	9.1

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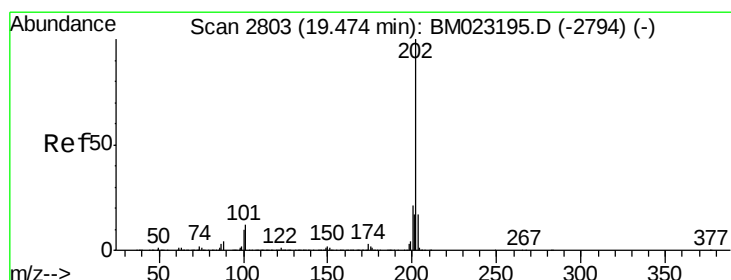
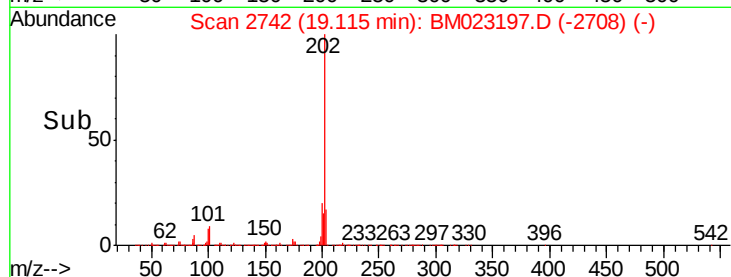
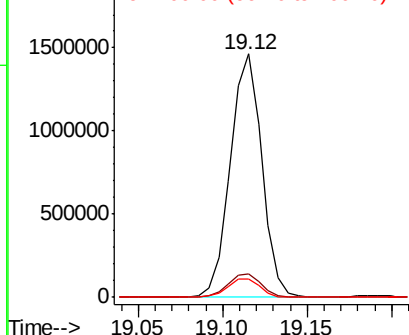


Abundance

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: 16.224 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

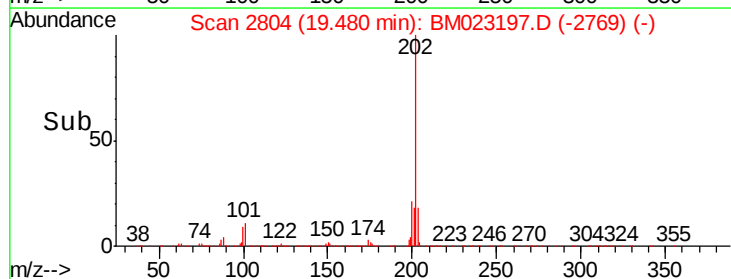
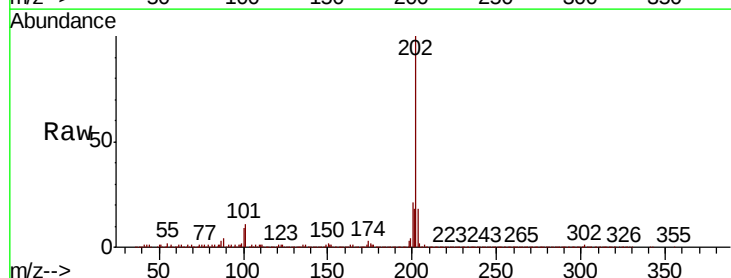
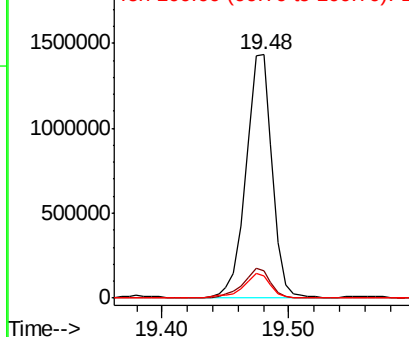
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.1	13.7
100	9.4	7.5	11.3

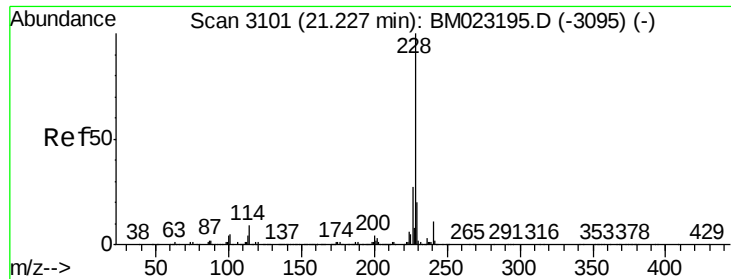
Abundance

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





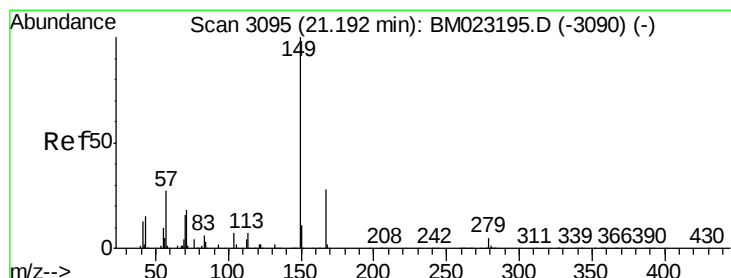
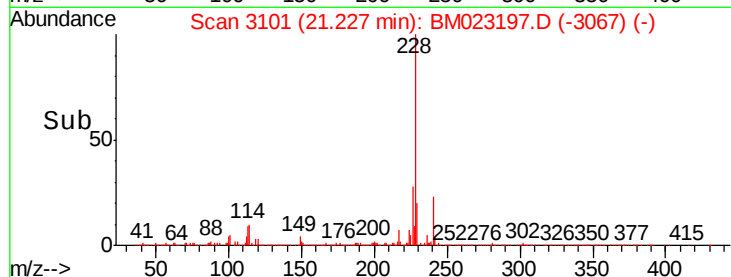
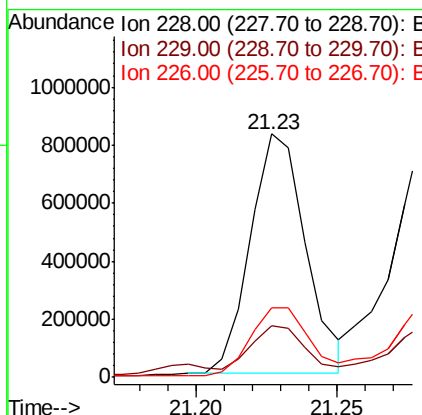
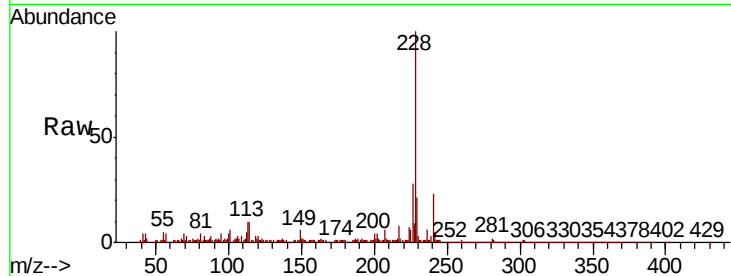
#83
Benzo(a)anthracene
Concen: 8.270 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

Instrument :
BNA_M
ClientSampleId :
BEP73DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	28.5	21.6	32.4

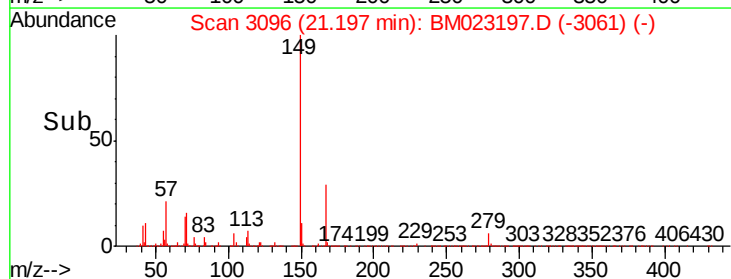
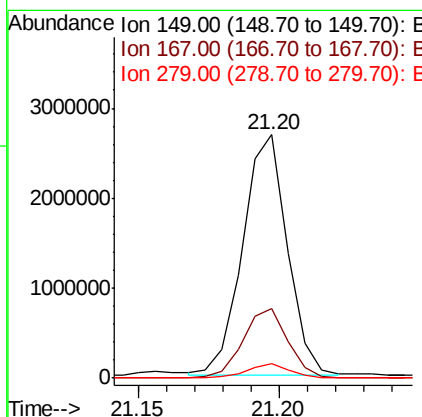
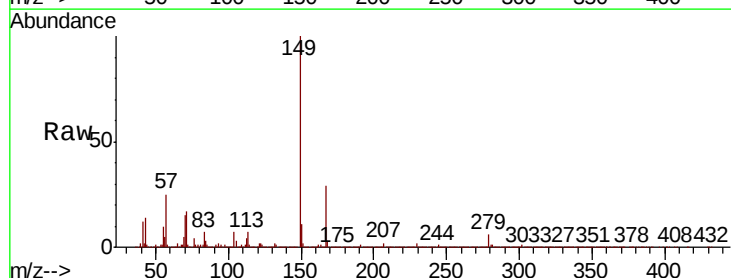
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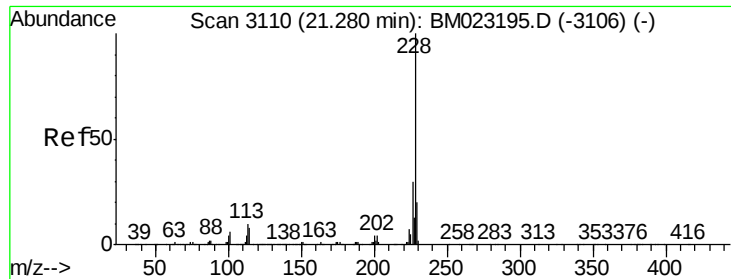
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.100 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	5.8	4.0	6.0





#85

Chrysene

Concen: 9.086 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM023197.D

Acq: 16 Oct 2019 19:09

Instrument :

BNA_M

ClientSampled :

BEP73DL

Tot Ion:228 Resp: 1151519

Ion Ratio Lower Upper

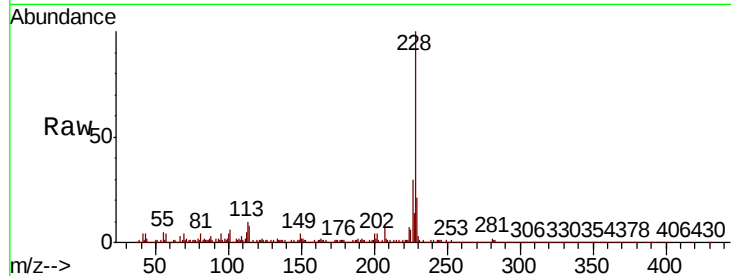
228 100

226 30.3 23.8 35.6

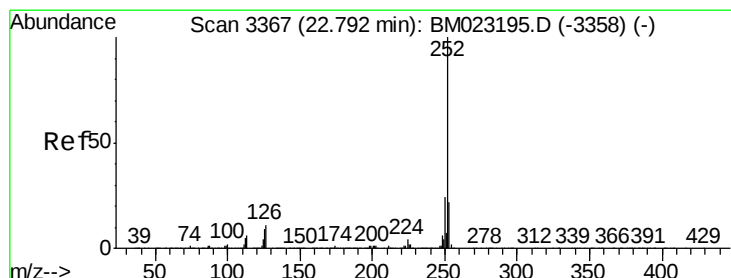
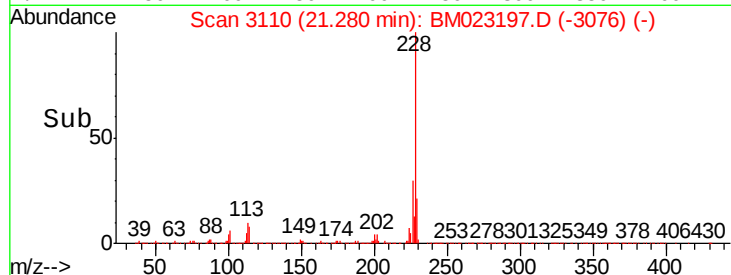
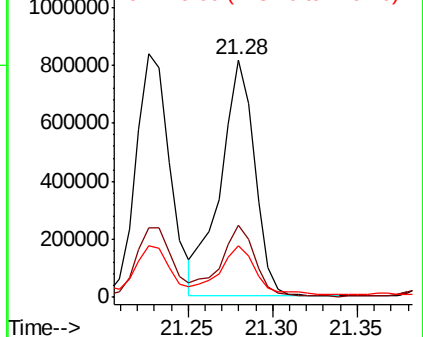
229 21.5 15.5 23.3

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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: 9.357 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BM023197.D

Acq: 16 Oct 2019 19:09

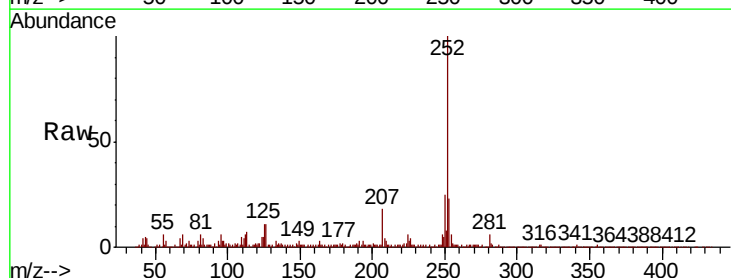
Tgt Ion:252 Resp: 1394833

Ion Ratio Lower Upper

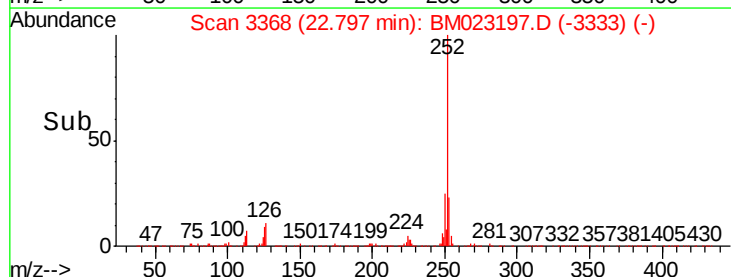
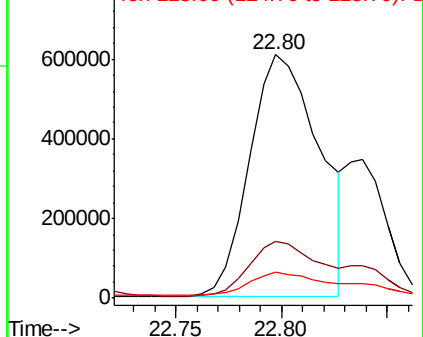
252 100

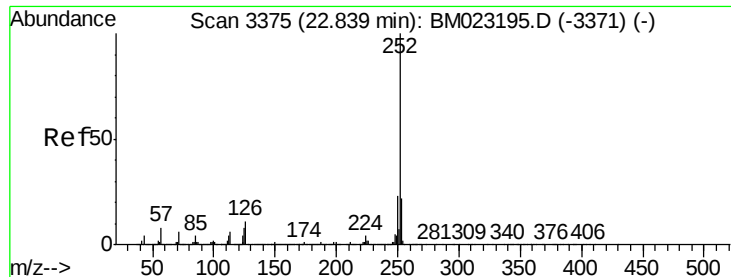
253 23.4 17.6 26.4

125 10.5 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.230 ng/ul m

RT: 22.84 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM023197.D

Acq: 16 Oct 2019 19:09

Instrument :

BNA_M

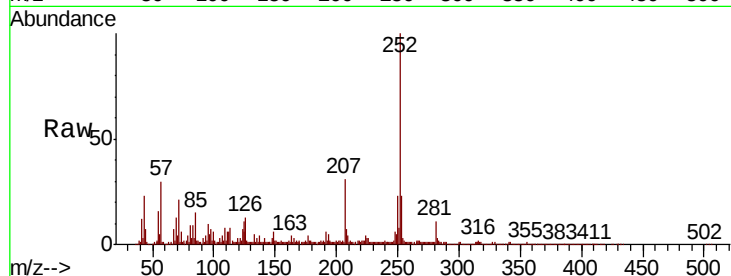
ClientSampleId :

BEP73DL

Tot Ion:	252	Resp:	462378
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	10.6	6.5	9.7#

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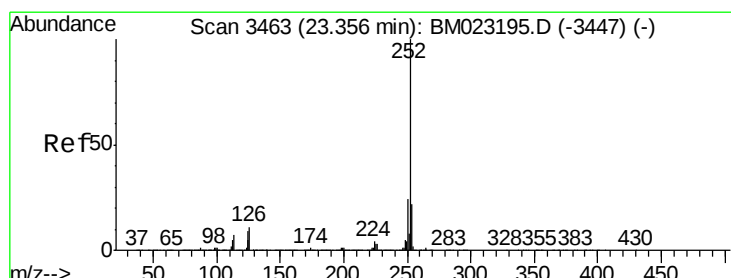
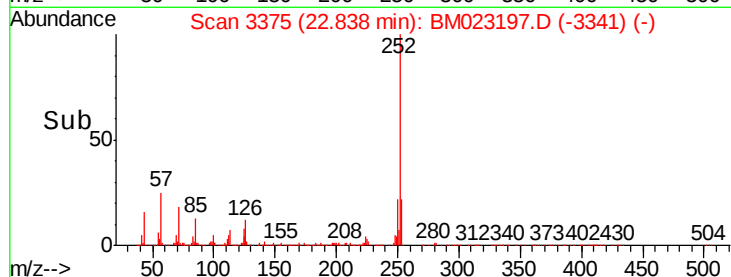
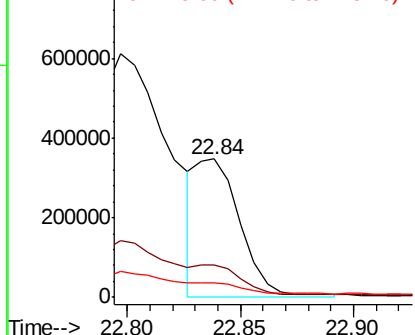


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 7.658 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. -0.00 min

Lab File: BM023197.D

Acq: 16 Oct 2019 19:09

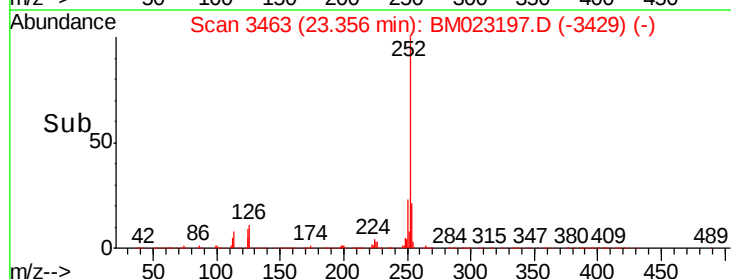
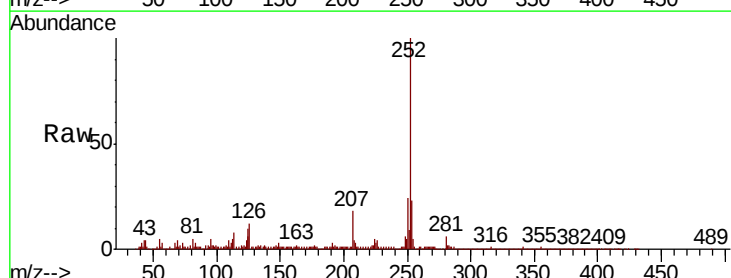
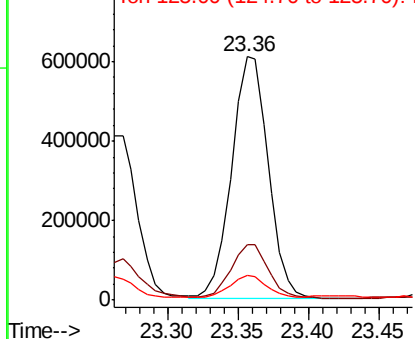
Tgt Ion:	252	Resp:	1095260
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	10.1	7.4	11.0

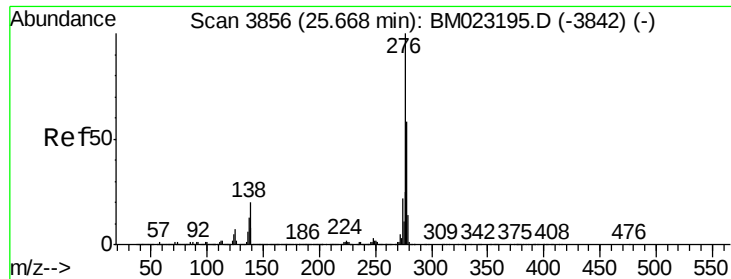
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

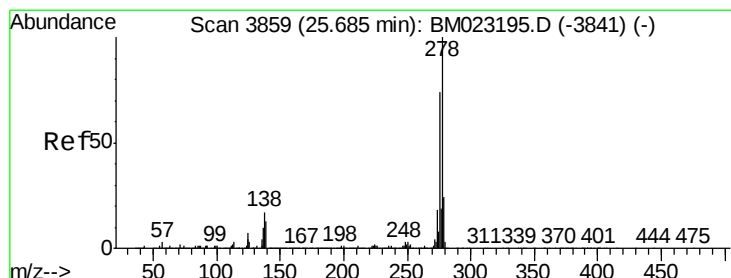
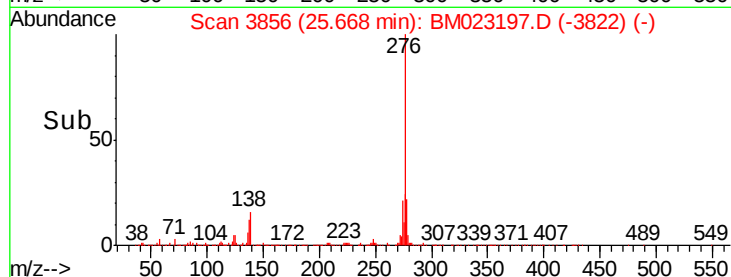
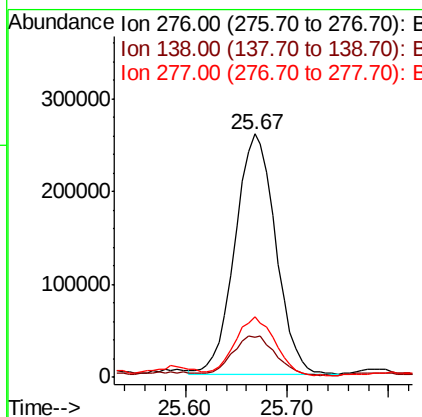
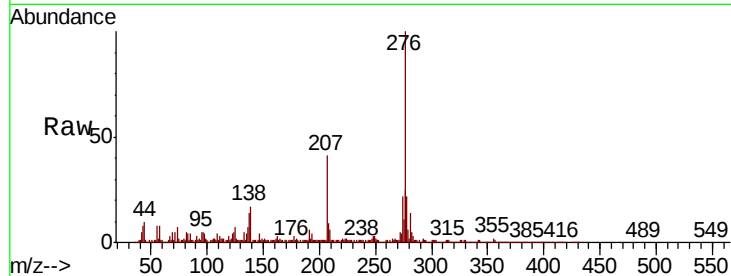
Indeno(1,2,3-cd)pyrene
Concen: 4.257 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. -0.00 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

Instrument :
BNA_M
ClientSampleId :
BEP73DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		724364		
138	16.6	14.9	22.3		
277	24.9	19.8	29.8		

Manual Integrations
APPROVED

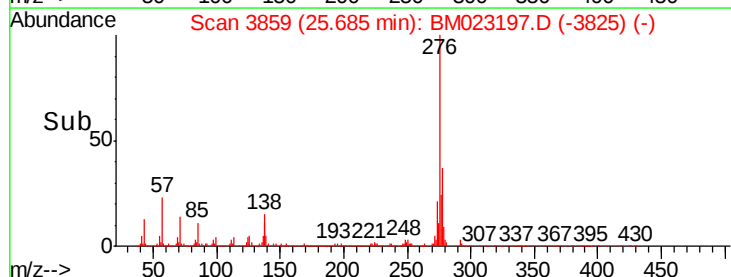
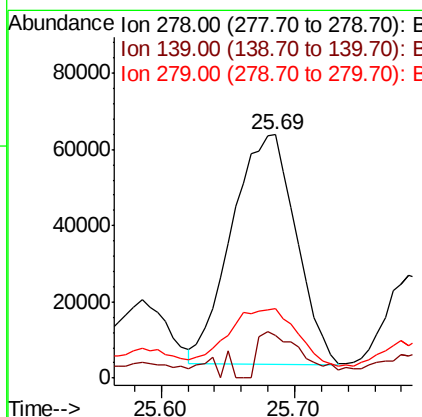
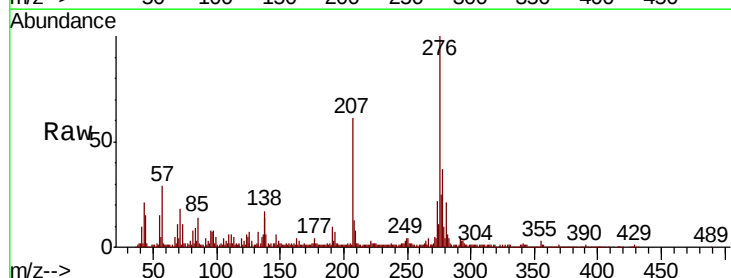
mohammad
10/18/2019 8:26:53 AM

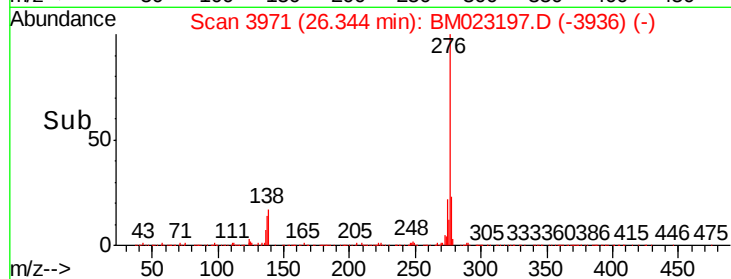
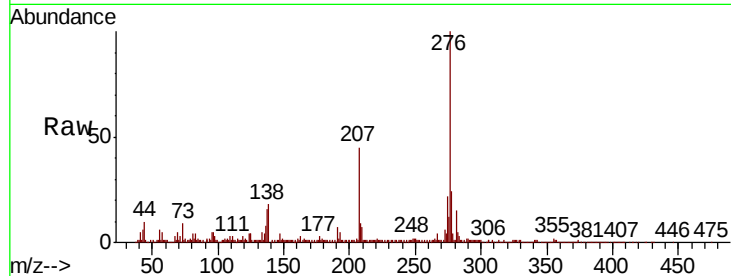
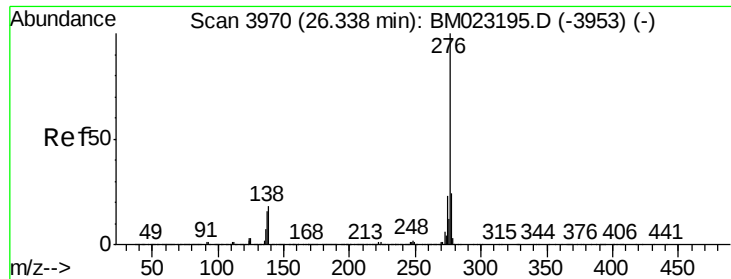


#93

Dibenzo(a,h)anthracene
Concen: 1.421 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. -0.00 min
Lab File: BM023197.D
Acq: 16 Oct 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100		202155		
139	17.6	10.0	15.0#		
279	28.3	19.4	29.0		





#94

Benzo(a,h,i)perylene

Concen: 5.053 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. 0.01 min

Lab File: BM023197.D

Acq: 16 Oct 2019 19:09

Tot Ion:	276	Resp:	707804
Ion Ratio	Lower	Upper	
276	100		
138	17.6	14.4	21.6
277	24.1	19.4	29.2

Instrument :

BNA_M

ClientSampleId :

BEP73DL

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:53 AM

