

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021683.D
 Acq On : 27 Jul 2019 11:18
 Operator : HP/JU
 Sample : K3893-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP15

Manual Integrations
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mohammad
 7/29/2019 2:29:38 PM

Quant Time: Jul 29 05:03:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	165843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	663796	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	386526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	711863	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	650797	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	783653	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	17355	5.03	ng/uL	0.00
5) Phenol-d5	6.86	99	344347	27.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	215193	30.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	308903	29.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	267111	25.52	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	156819	31.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	176749	32.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	333712	28.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	324999	29.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	959987	32.18	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1098756	30.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	51354	11.34	ng/ul	0.00
57) Fluorene-d10	15.32	176	791790	30.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	30733	6.95	ng/ul	0.00
70) Anthracene-d10	17.18	188	1088608	30.39	ng/ul	0.00
78) Pyrene-d10	19.48	212	1119884	30.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1242814	29.97	ng/ul	0.00

Target Compounds

					Ovalue
14) Acetophenone	8.52	105	28882	1.657 ng/ul	100
30) 4-Chloroaniline	10.65	127	12622	1.063 ng/ul	94
44) Dimethylphthalate	13.79	163	126538	4.086 ng/ul	99
69) Phenanthrene	17.12	178	216717	5.055 ng/ul	99
71) Anthracene	17.22	178	52363	1.192 ng/ul	98
76) Fluoranthene	19.14	202	585244	11.701 ng/ul	99
79) Pyrene	19.51	202	490330	10.098 ng/ul	100
82) Benzo(a)anthracene	21.26	228	288717	6.092 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.18	149	204354	9.475 ng/ul	100
84) Chrysene	21.31	228	323473	7.240 ng/ul	97
87) Benzo(b)fluoranthene	22.84	252	544133	10.205 ng/ul#	95
88) Benzo(k)fluoranthene	22.88	252	160870m	3.086 ng/ul	
90) Benzo(a)pyrene	23.41	252	340767	6.826 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.75	276	288146	4.977 ng/ul	98
92) Dibenzo(a,h)anthracene	25.75	278	72165	1.499 ng/ul#	85
93) Benzo(g,h,i)perylene	26.44	276	245212	5.094 ng/ul	98

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

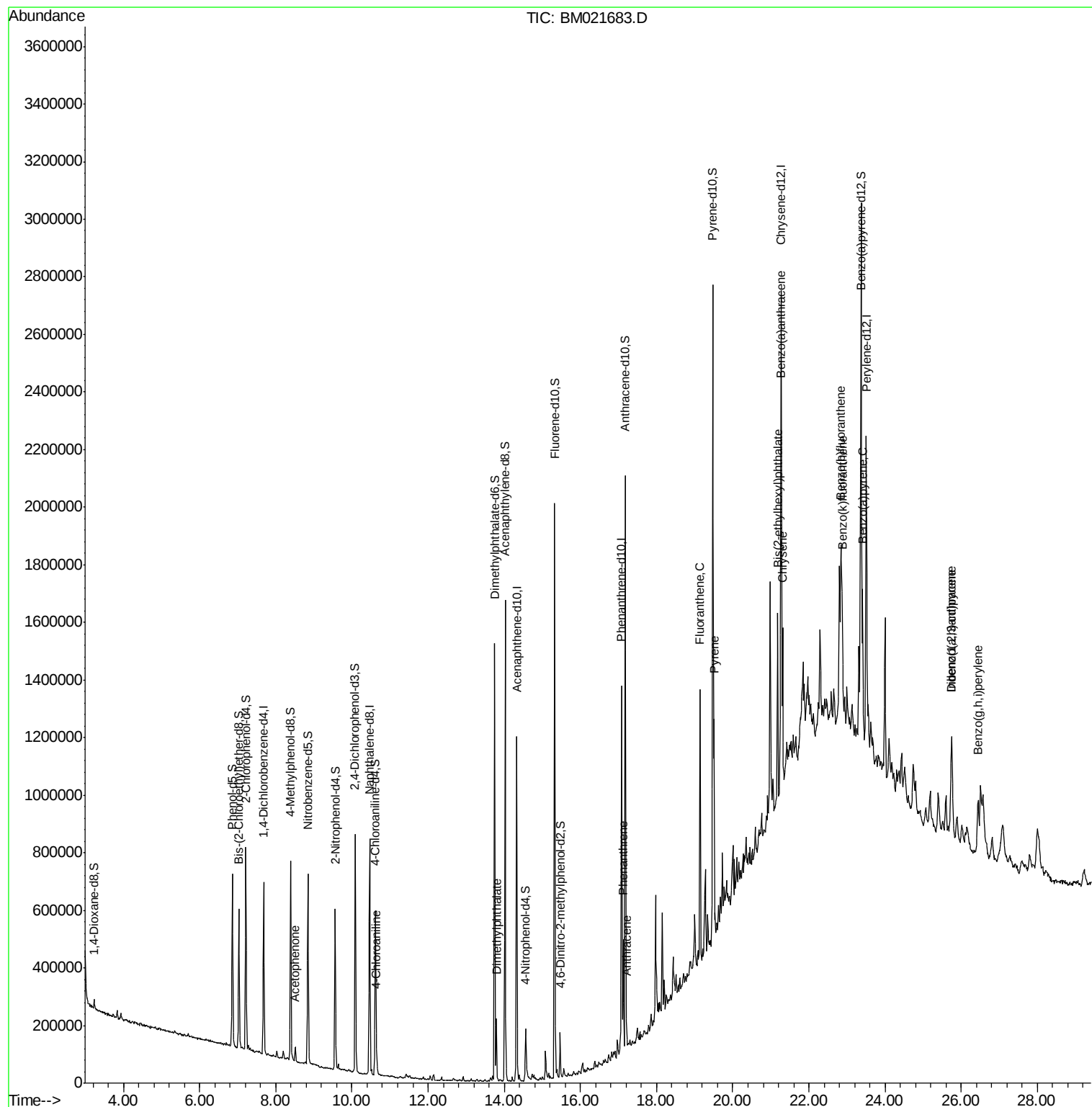
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021683.D
Acq On : 27 Jul 2019 11:18
Operator : HP/JU
Sample : K3893-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

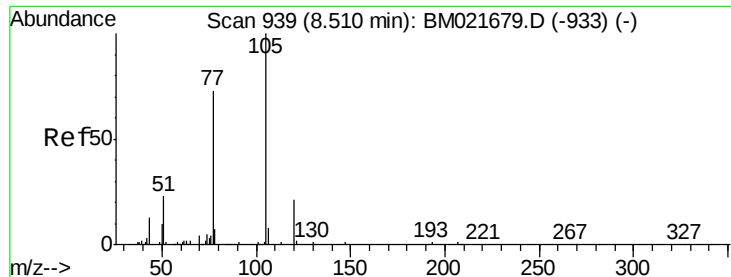
Instrument :
BNA_M
ClientSampled :
BEP15

Quant Time: Jul 29 05:03:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
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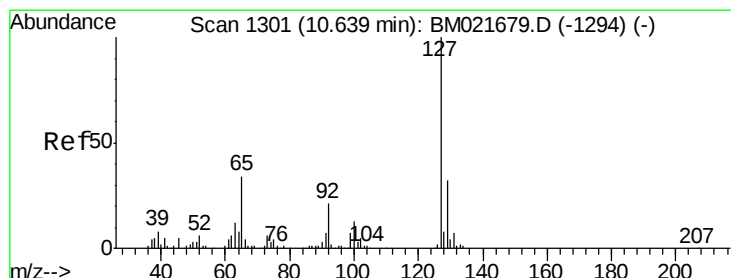
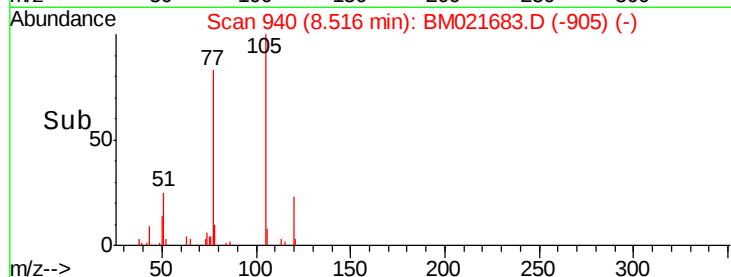
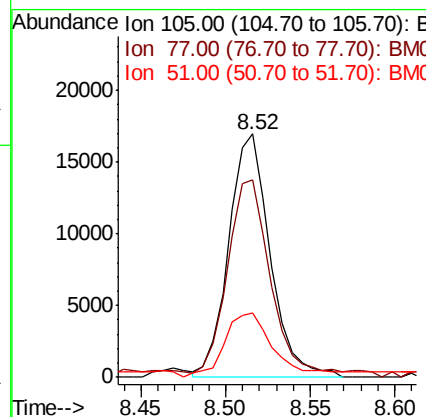
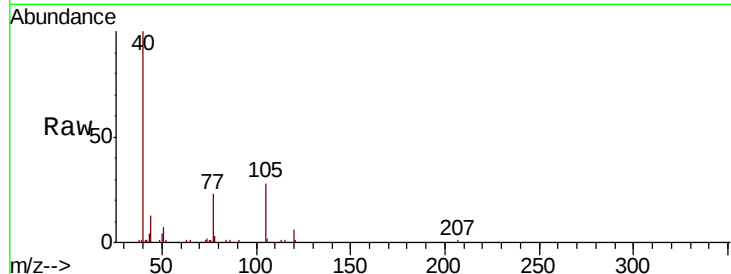
#14
Acetophenone
Concen: 1.657 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. 0.01 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Instrument :
BNA_M
ClientSampleId :
BEP15

Tot Ion	Ratio	Lower	Upper
105	100		
77	81.3	65.1	97.7
51	26.4	21.3	31.9

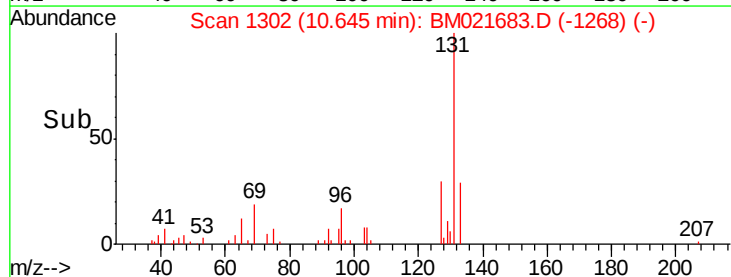
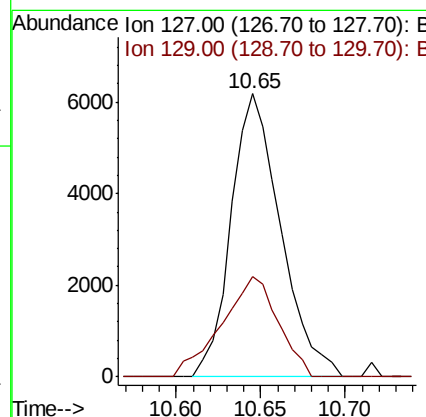
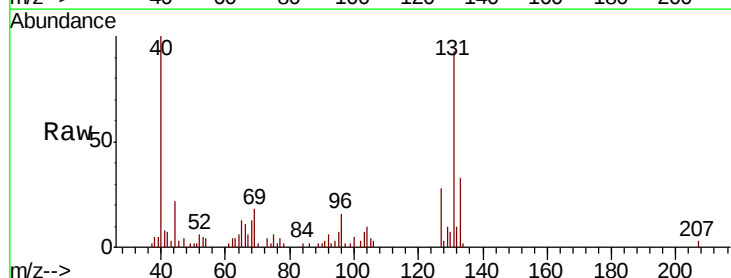
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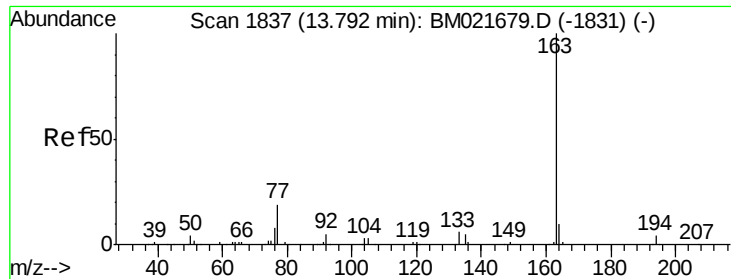
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#30
4-Chloroaniline
Concen: 1.063 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.3	25.5	38.3





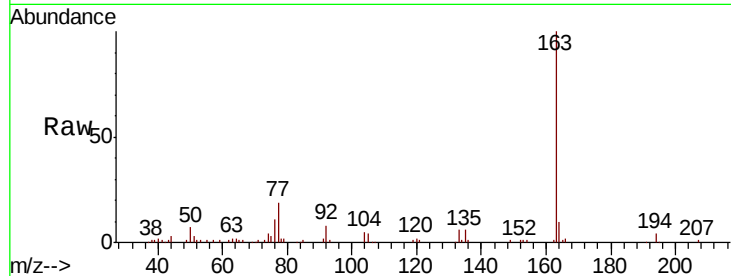
#44
Dimethylphthalate
Concen: 4.086 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Instrument :
BNA_M
ClientSampleId :
BEP15

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.1	12.1

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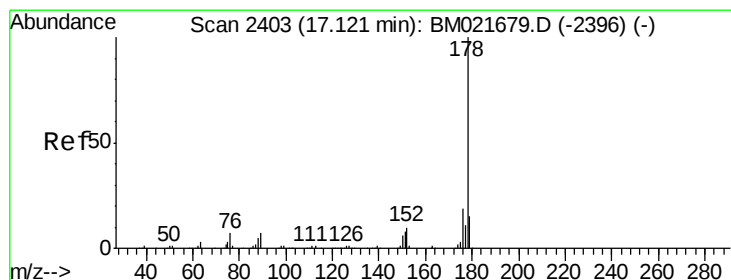
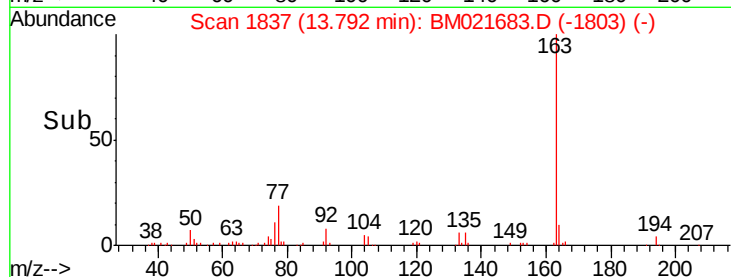
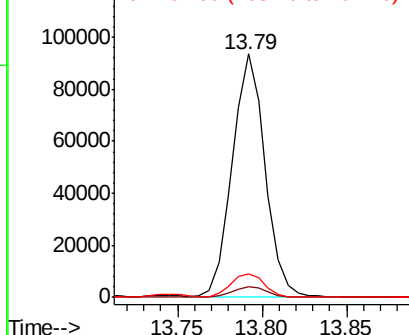


Abundance

Ion 163.00 (162.70 to 163.70): E

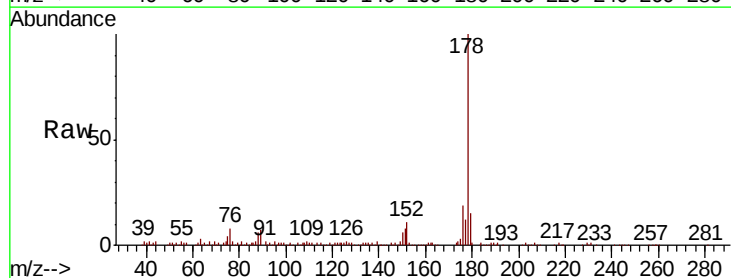
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 5.055 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.5	18.7
176	19.1	15.4	23.2

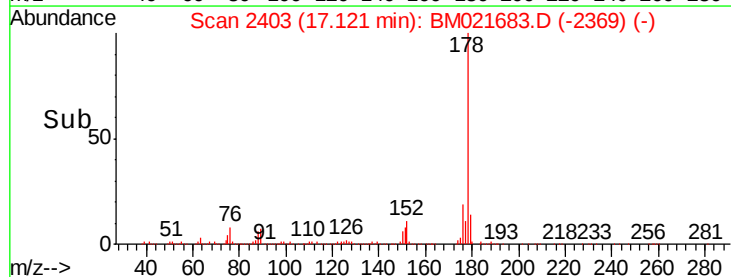
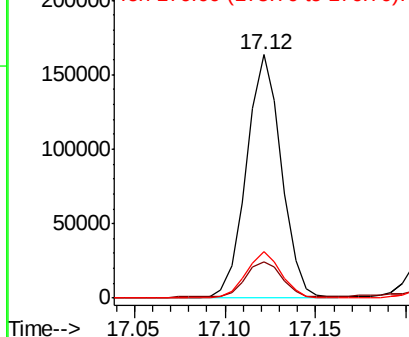


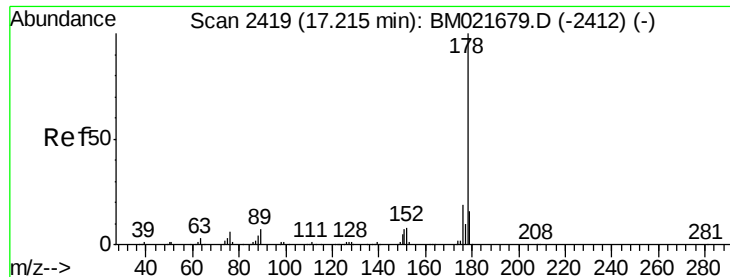
Abundance

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





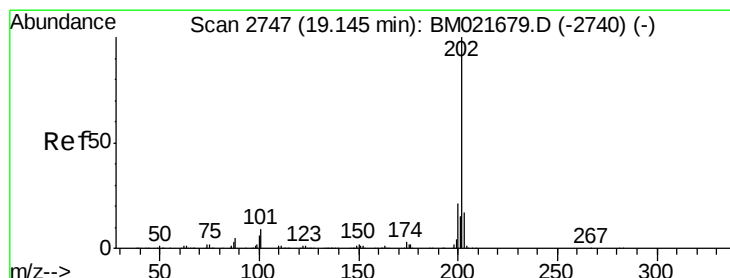
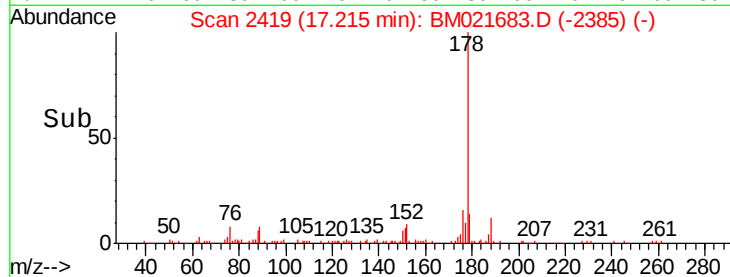
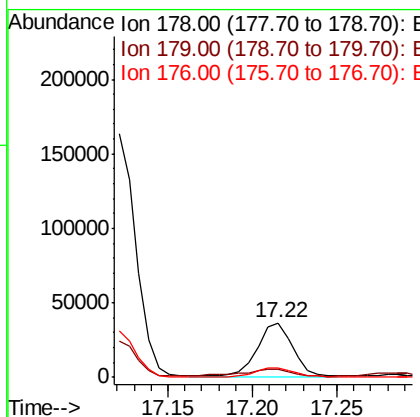
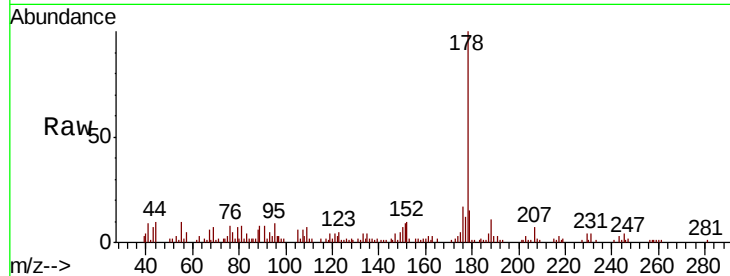
#71
 Anthracene
 Concen: 1.192 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BM021683.D
 Acq: 27 Jul 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :
 BEP15

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.3	14.8	22.2

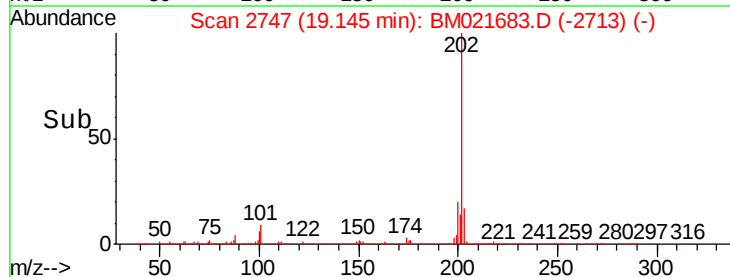
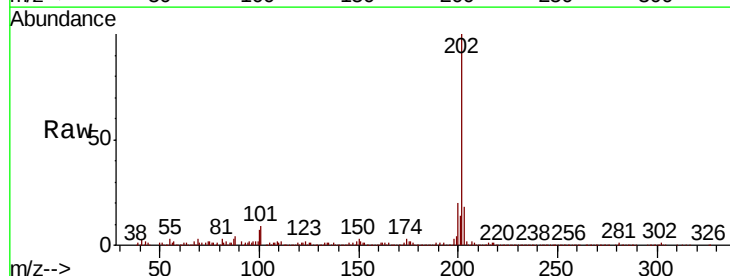
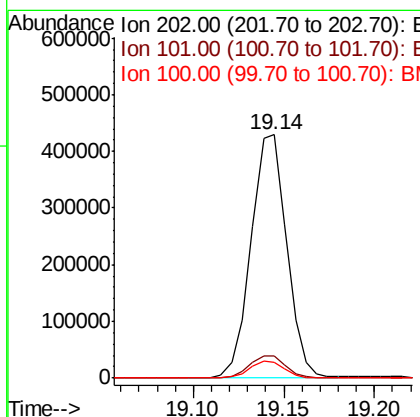
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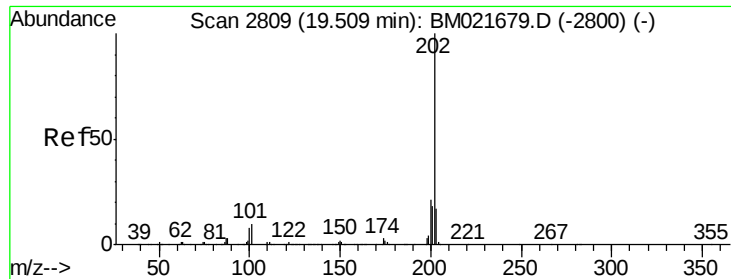
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#76
 Fluoranthene
 Concen: 11.701 ng/ul
 RT: 19.14 min Scan# 2747
 Delta R.T. -0.00 min
 Lab File: BM021683.D
 Acq: 27 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.7	10.1
100	6.6	5.1	7.7





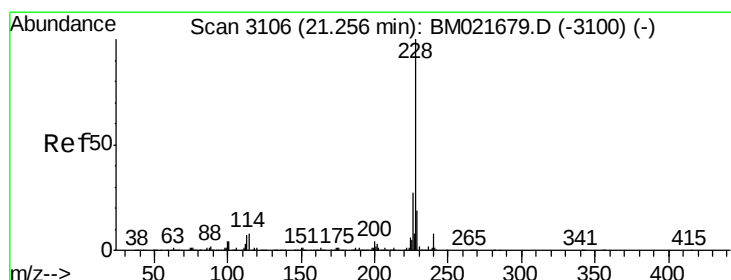
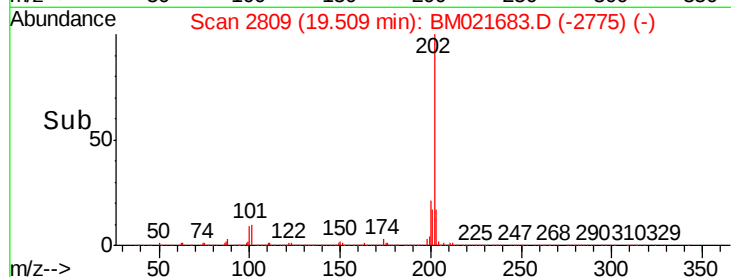
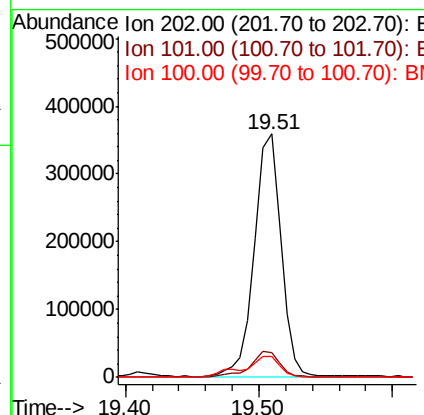
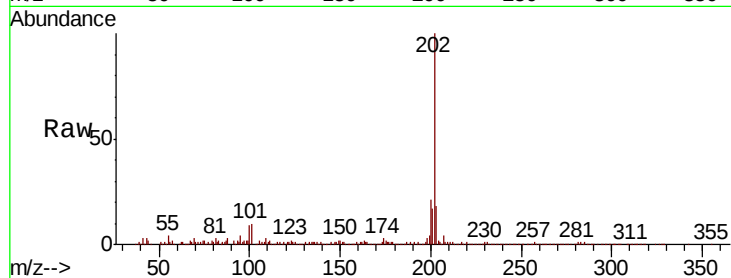
#79
Pvrene
Concen: 10.098 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Instrument :
BNA_M
ClientSampleId :
BEP15

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	8.2	12.2
100	8.6	7.0	10.4

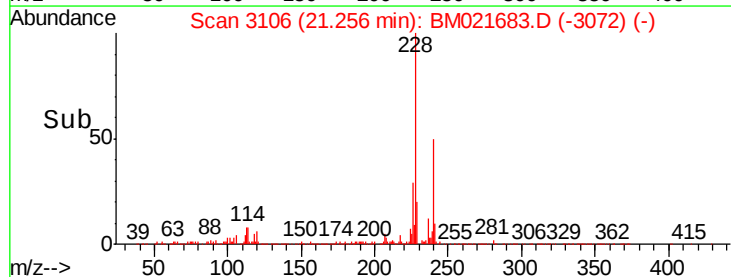
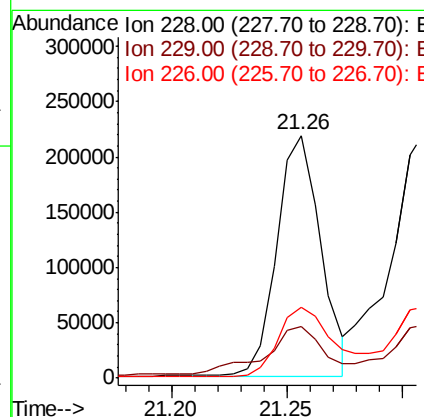
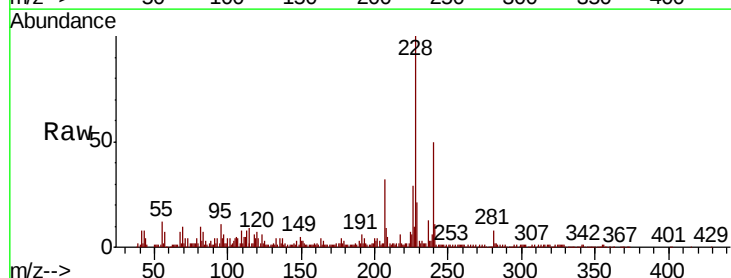
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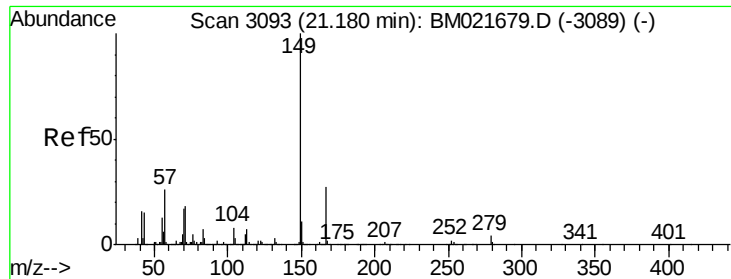
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#82
Benzo(a)anthracene
Concen: 6.092 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.4	15.7	23.5
226	29.2	21.4	32.2





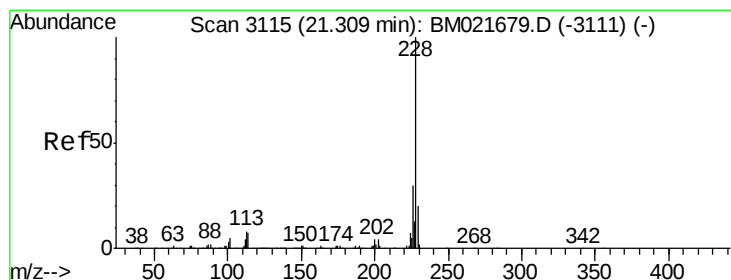
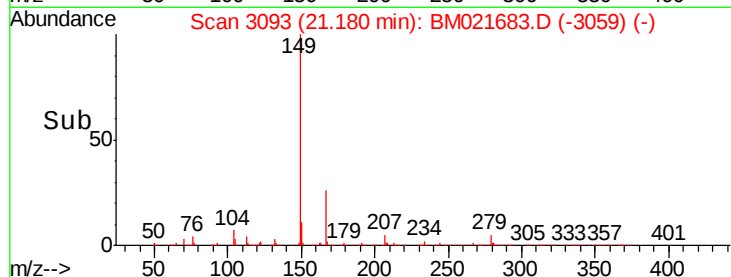
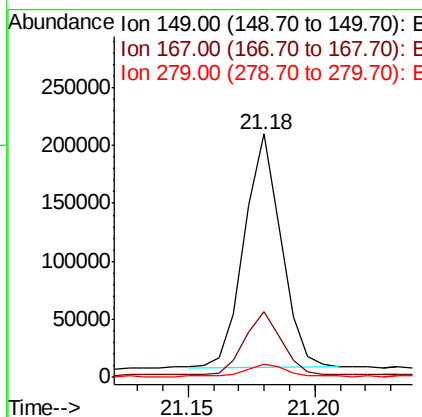
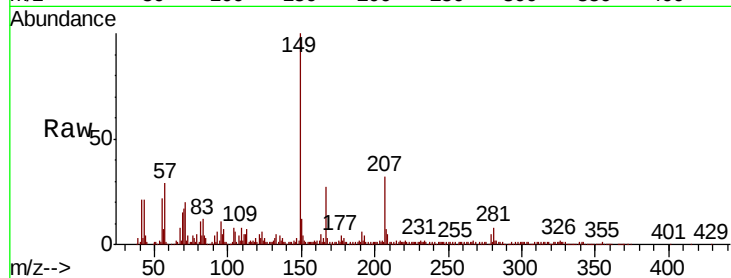
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.475 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Instrument :
BNA_M
ClientSampleId :
BEP15

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.6	32.4
279	5.2	3.8	5.6

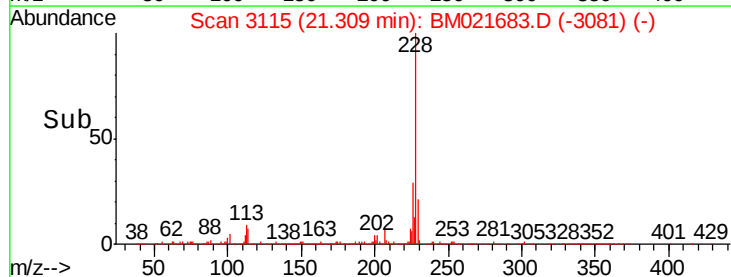
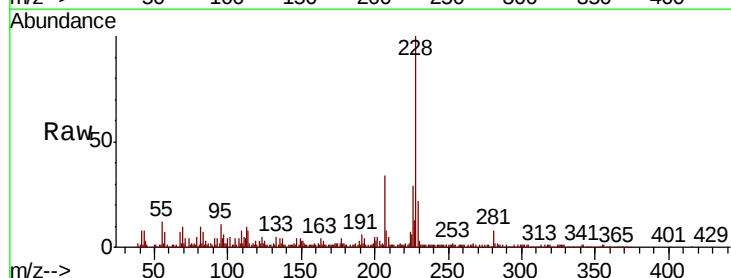
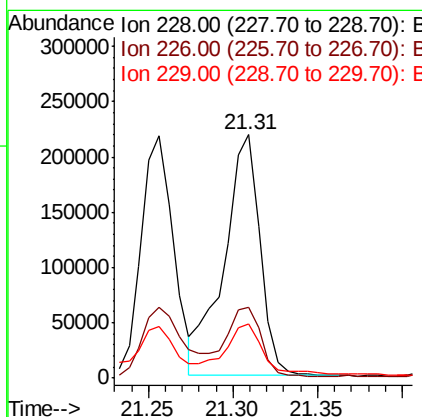
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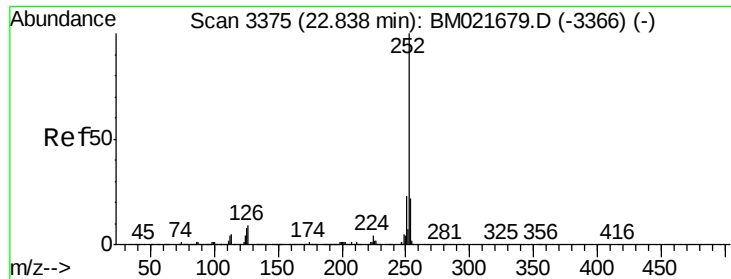
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#84
Chrysene
Concen: 7.240 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	22.0	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 10.205 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BM021683.D

Acq: 27 Jul 2019 11:18

Instrument :

BNA_M

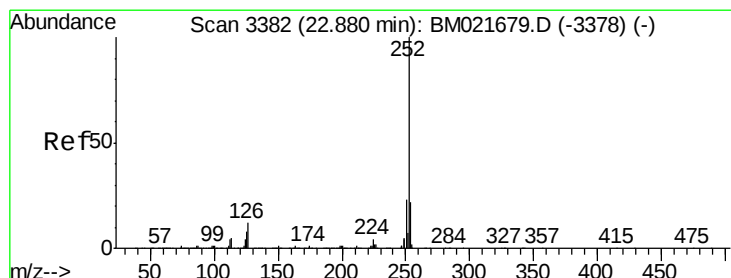
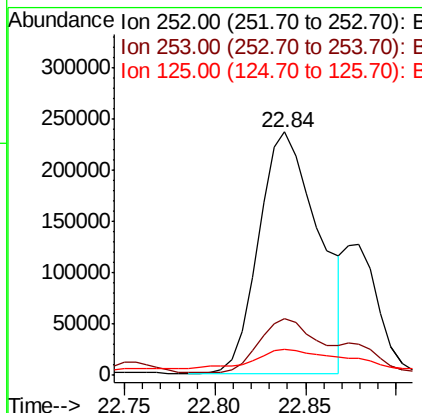
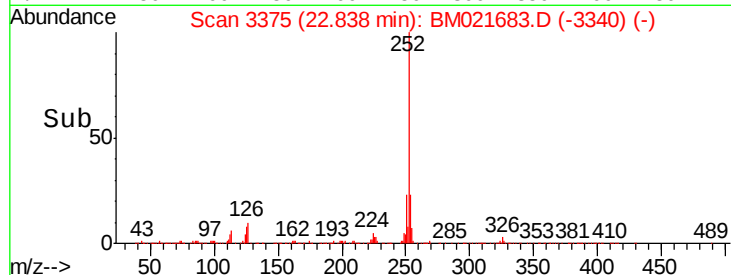
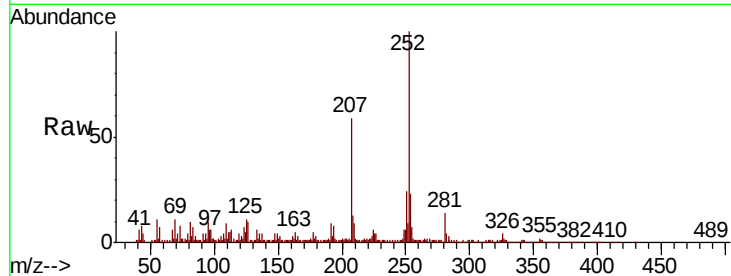
ClientSampleId :

BEP15

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	10.6	6.3	9.5#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.086 ng/ul m

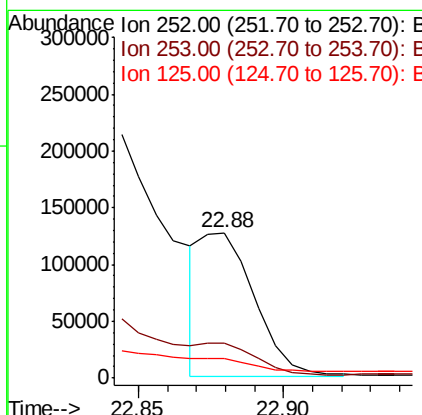
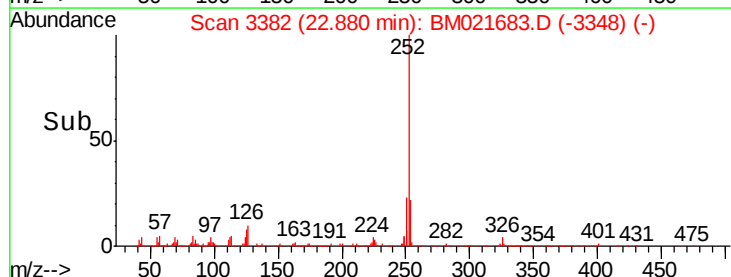
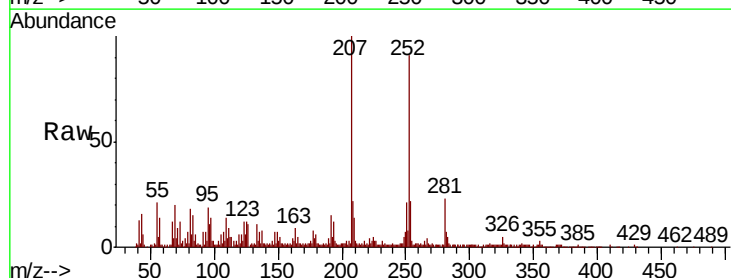
RT: 22.88 min Scan# 3382

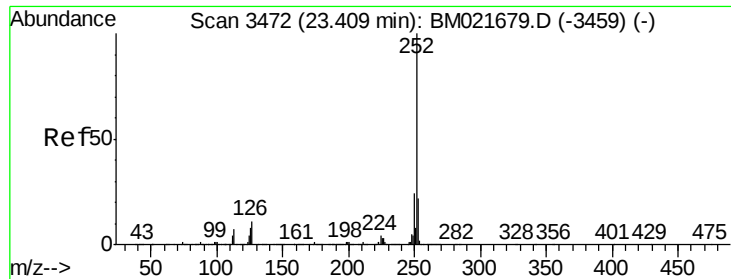
Delta R.T. -0.00 min

Lab File: BM021683.D

Acq: 27 Jul 2019 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	13.2	6.3	9.5#





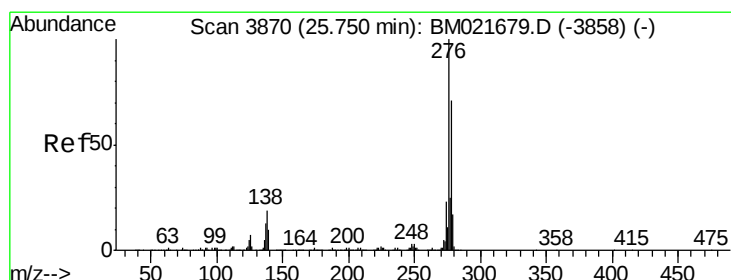
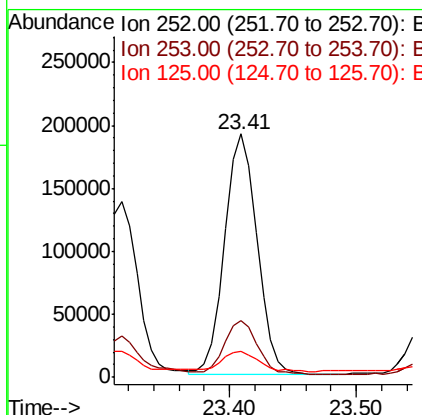
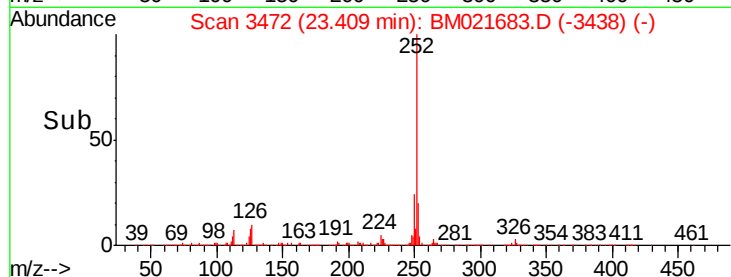
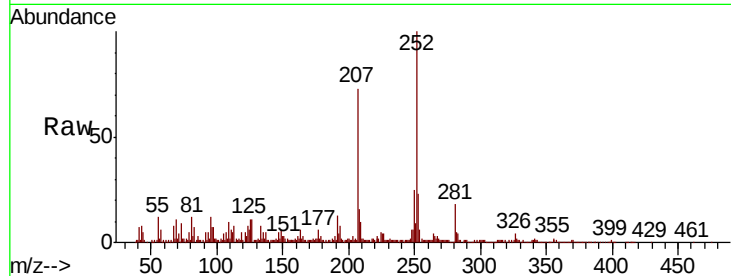
#90
Benzo(a)pyrene
Concen: 6.826 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Instrument :
BNA_M
ClientSampled :
BEP15

Tot Ion	Ratio	Resp	Lower	Upper
252	100	340767		
253	23.4	17.5	26.3	
125	10.9	7.0	10.6	

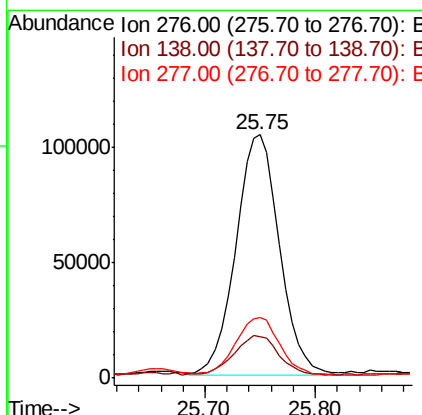
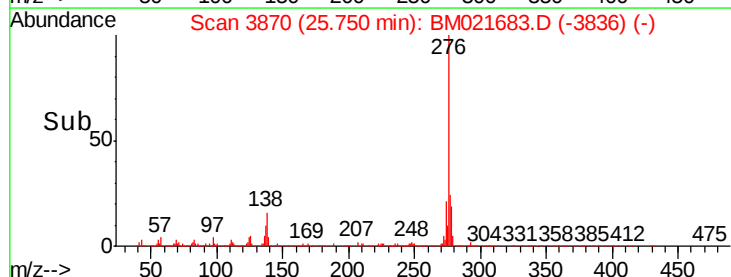
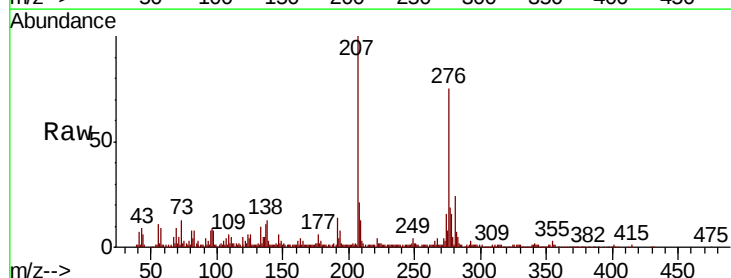
Manual Integrations
APPROVED

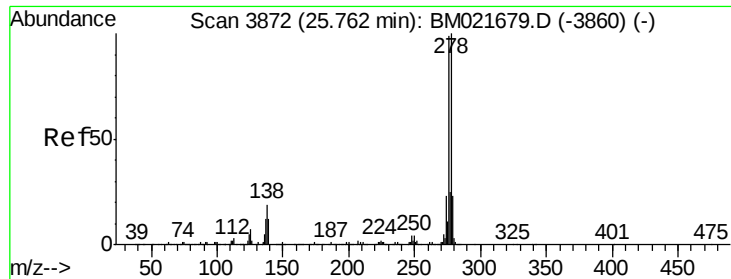
mohammad
7/29/2019 2:29:38 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 4.977 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BM021683.D
Acq: 27 Jul 2019 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	288146		
138	17.1	14.8	22.2	
277	25.1	19.7	29.5	





#92

Dibenzo(a,h)anthracene

Concen: 1.499 ng/ul

RT: 25.75 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM021683.D

Acq: 27 Jul 2019 11:18

Instrument :

BNA_M

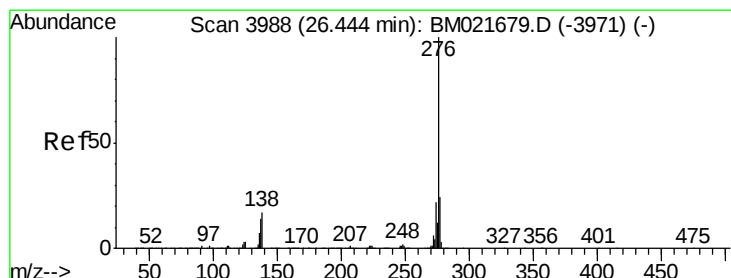
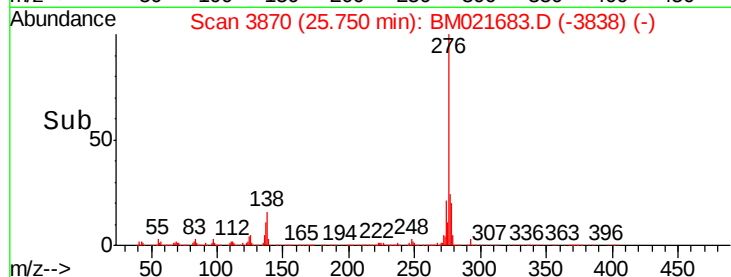
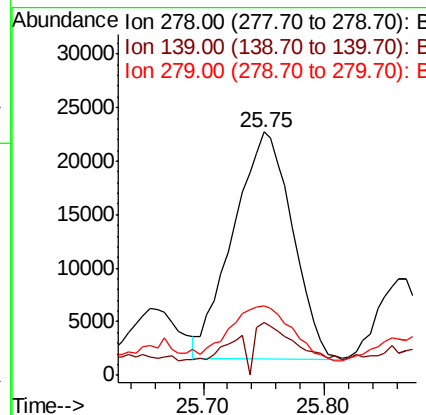
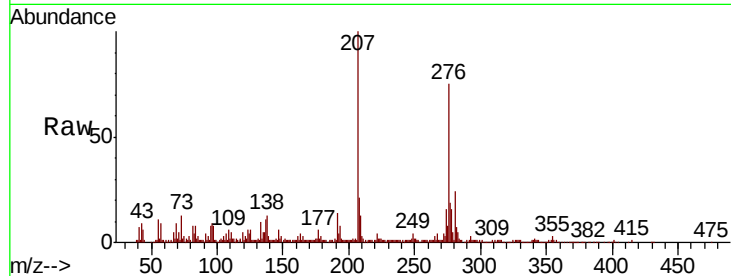
ClientSampleId :

BEP15

Tot Ion:	278	Resp:	72165
Ion Ratio	Lower	Upper	
278	100		
139	21.6	9.6	14.4#
279	28.7	19.2	28.8

Manual Integrations
APPROVED

mohammad
7/29/2019 2:29:38 PM



#93

Benzo(g,h,i)perylene

Concen: 5.094 ng/ul

RT: 26.44 min Scan# 3988

Delta R.T. -0.00 min

Lab File: BM021683.D

Acq: 27 Jul 2019 11:18

Tgt Ion:	276	Resp:	245212
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.1	19.7
277	25.3	19.0	28.6

