

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021685.D
 Acq On : 27 Jul 2019 12:31
 Operator : HP/JU
 Sample : K3893-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP18

Manual Integrations
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mohammad
 7/29/2019 2:29:44 PM

Quant Time: Jul 29 05:09:55 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	173800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	689304	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	387760	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	700805	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	688427	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	844061	20.00	ng/ul	0.00

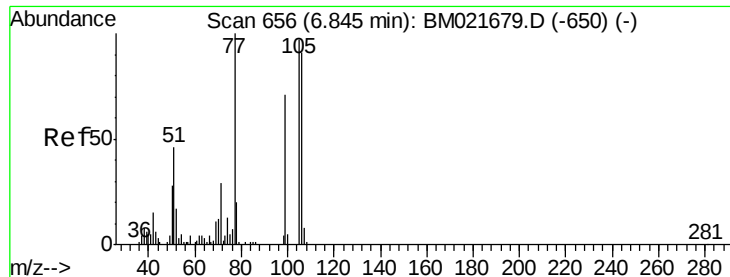
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12601	3.49	ng/uL	0.00
5) Phenol-d5	6.86	99	222042	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	155004	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	212735	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	171228	15.61	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	109838	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	121160	21.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	215212	17.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	80594	7.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	652020	21.79	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	733648	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	17694	3.90	ng/ul	0.01
57) Fluorene-d10	15.32	176	523430	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	8044	1.85	ng/ul	0.00
70) Anthracene-d10	17.18	188	713487	20.23	ng/ul	0.00
78) Pyrene-d10	19.48	212	737749	19.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	869525	19.47	ng/ul	0.01

Target Compounds

					Ovalue	
4) Benzaldehyde	6.85	77	7385	1.148	ng/ul	94
14) Acetophenone	8.52	105	28694	1.571	ng/ul	94
30) 4-Chloroaniline	10.65	127	90091	7.307	ng/ul	97
44) Dimethylphthalate	13.79	163	107017	3.445	ng/ul	99
47) Acenaphthylene	14.05	152	72499	1.902	ng/ul	99
66) Hexachlorobenzene	16.38	284	61866	5.584	ng/ul	97
69) Phenanthrene	17.12	178	246036	5.829	ng/ul	99
71) Anthracene	17.22	178	80554	1.863	ng/ul	97
76) Fluoranthene	19.14	202	536021	10.886	ng/ul	99
79) Pyrene	19.51	202	452805	8.815	ng/ul	100
80) Butylbenzylphthalate	20.41	149	31725	2.002	ng/ul#	72
82) Benzo(a)anthracene	21.26	228	313010	6.244	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.18	149	463231	20.305	ng/ul	99
84) Chrysene	21.31	228	307573m	6.508	ng/ul	
87) Benzo(b)fluoranthene	22.84	252	574930	10.011	ng/ul#	90
88) Benzo(k)fluoranthene	22.89	252	174661m	3.111	ng/ul	
90) Benzo(a)pyrene	23.42	252	372771	6.933	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.77	276	356938	5.724	ng/ul	98
92) Dibenzo(a,h)anthracene	25.77	278	87657	1.691	ng/ul#	40
93) Benzo(g,h,i)perylene	26.46	276	389801	7.518	ng/ul	97

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



#4

Benzaldehyde

Concen: 1.148 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

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Instrument :

BNA_M

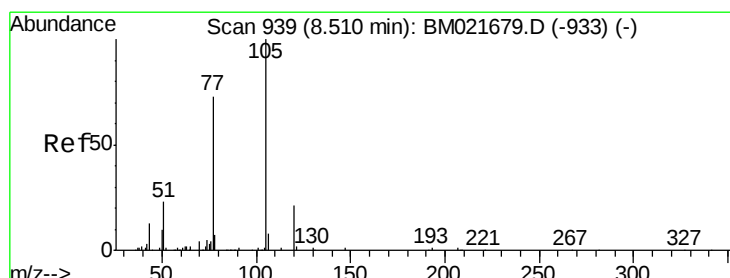
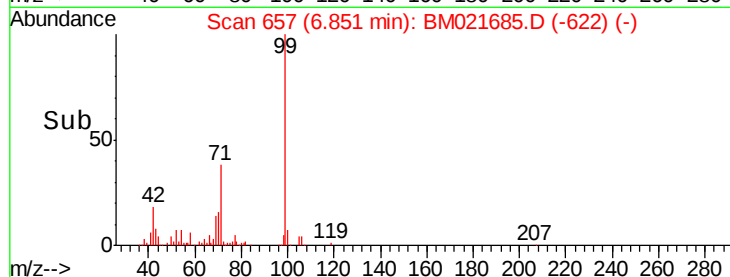
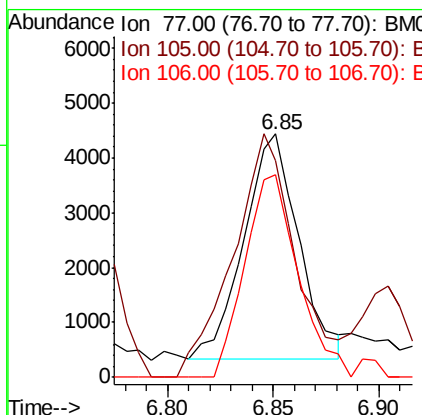
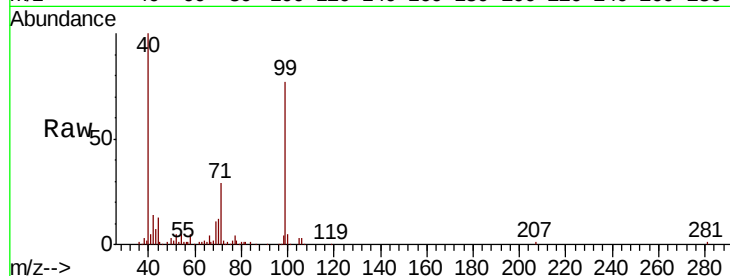
ClientSampled :

BEP18

Tot Ion:	77	Resp:	7385
Ion	Ratio	Lower	Upper
77	100		
105	89.3	76.6	115.0
106	83.4	69.9	104.9

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#14

Acetophenone

Concen: 1.571 ng/ul

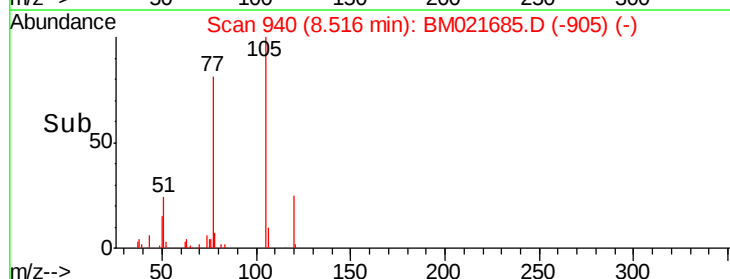
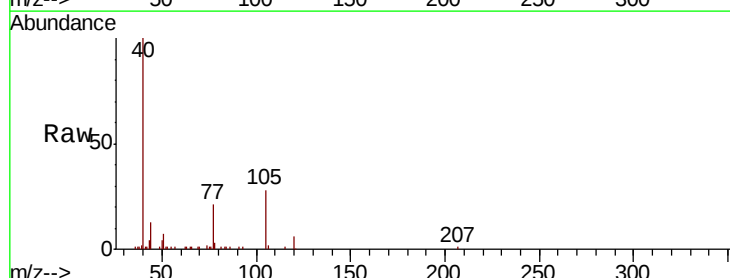
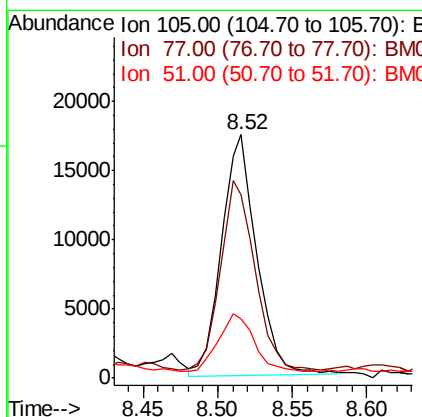
RT: 8.52 min Scan# 940

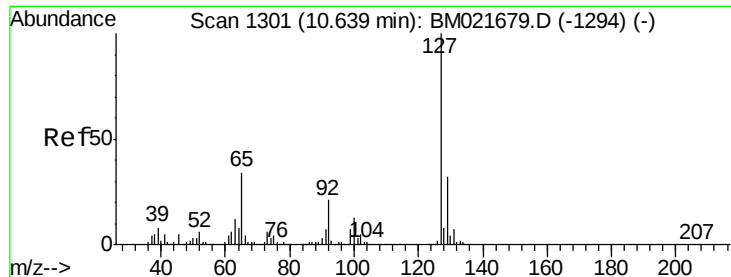
Delta R.T. 0.01 min

Lab File: BM021685.D

Acq: 27 Jul 2019 12:31

Tgt Ion:	105	Resp:	28694
Ion	Ratio	Lower	Upper
105	100		
77	75.3	65.1	97.7
51	24.3	21.3	31.9





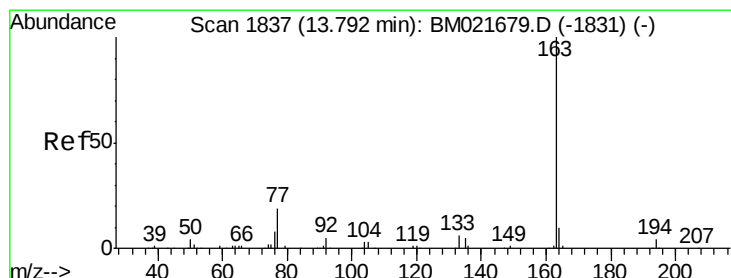
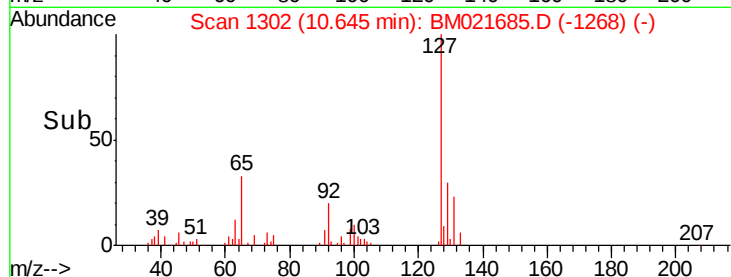
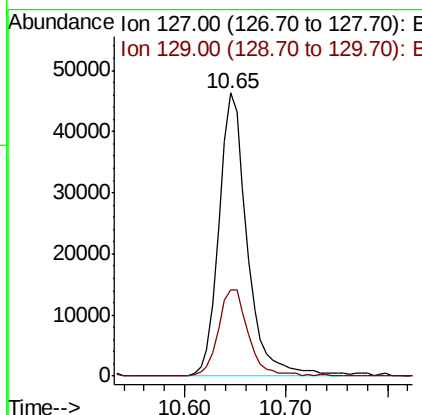
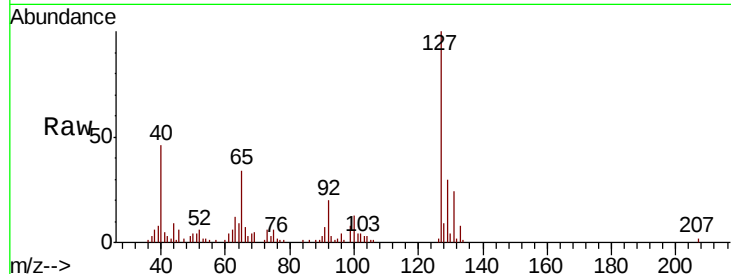
#30
4-Chloroaniline
Concen: 7.307 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampled :
BEP18

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.5	38.3

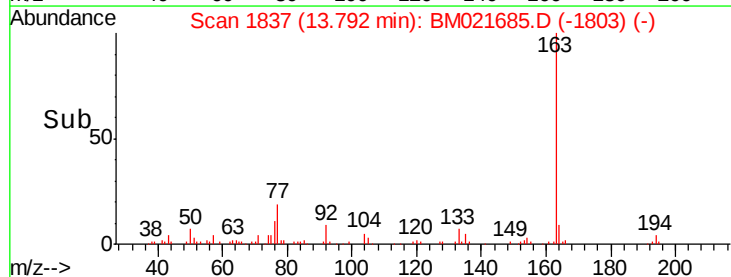
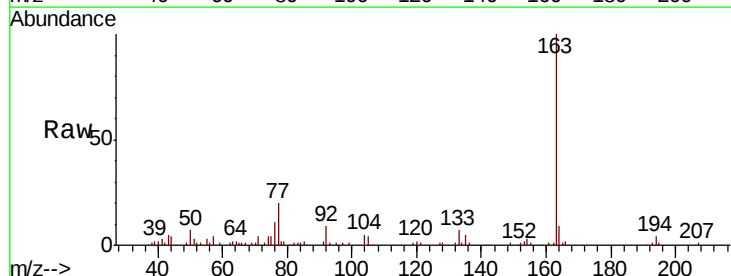
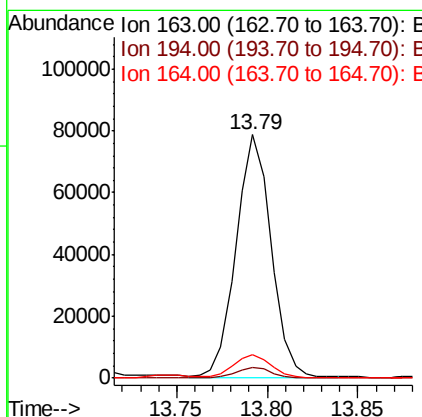
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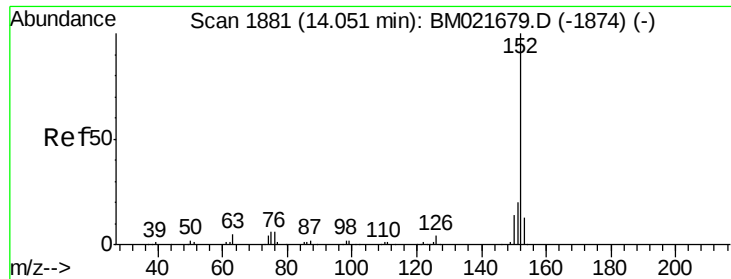
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#44
Dimethylphthalate
Concen: 3.445 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.4	8.1	12.1





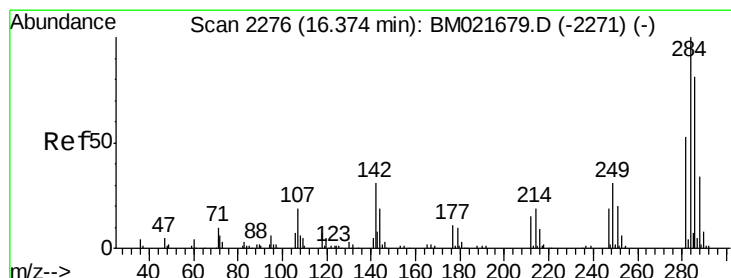
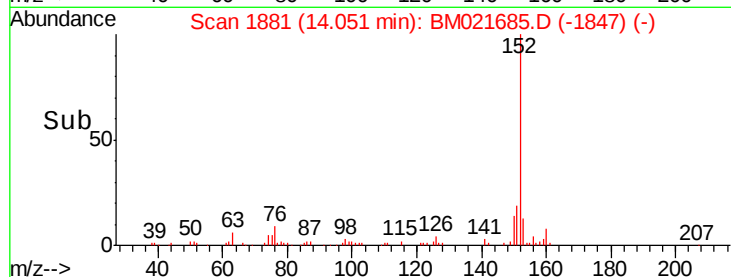
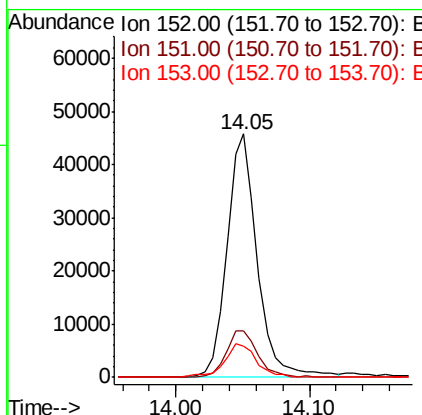
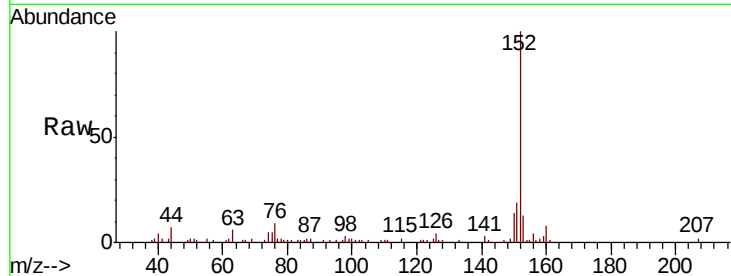
#47
Acenaphthylene
Concen: 1.902 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :
BEP18

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	13.0	10.4	15.6

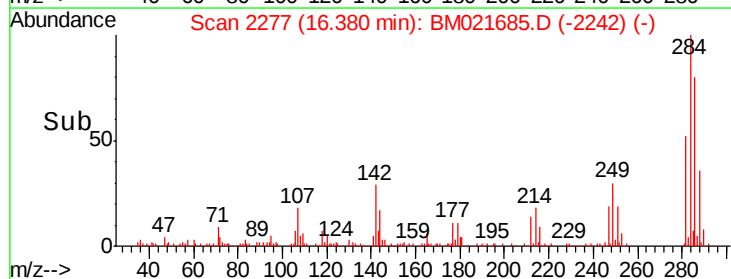
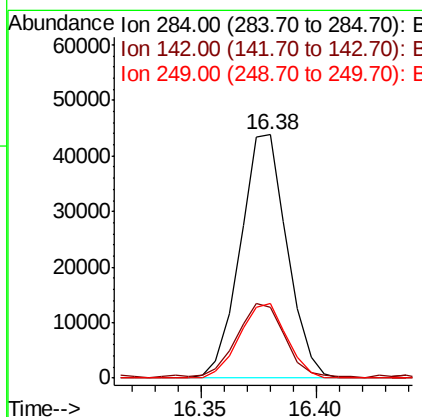
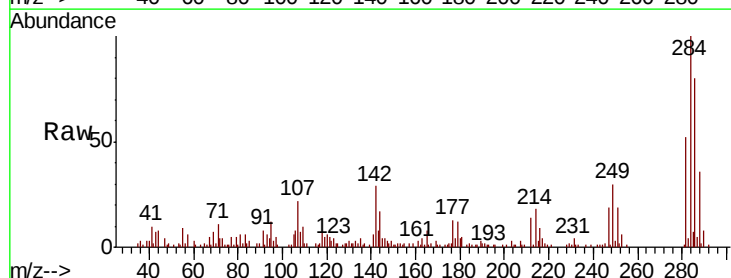
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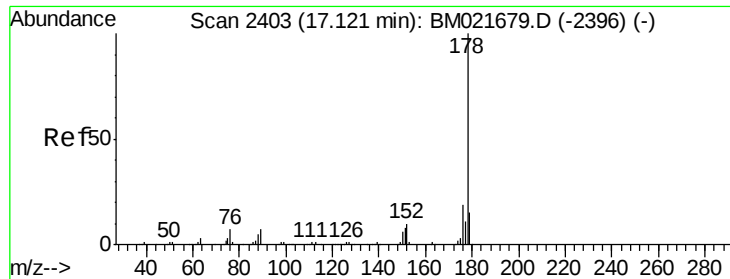
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#66
Hexachlorobenzene
Concen: 5.584 ng/ul
RT: 16.38 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	25.1	37.7
249	30.4	24.6	36.8





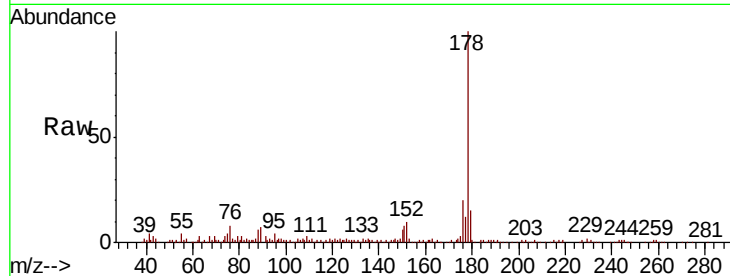
#69
Phenanthrene
Concen: 5.829 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampled :
BEP18

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.6	15.4	23.2

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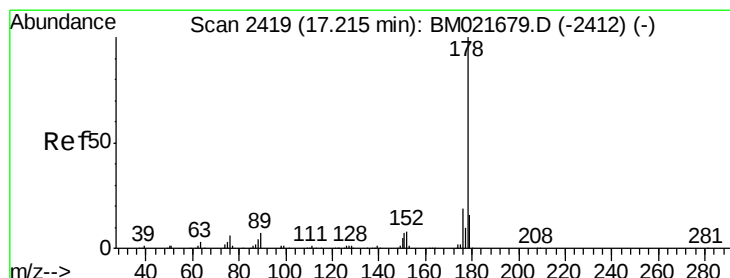
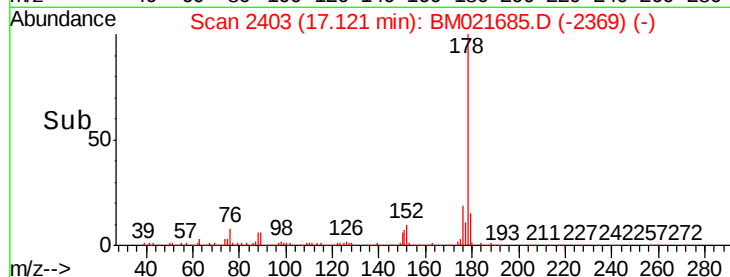
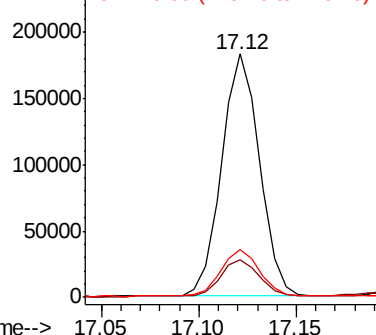


Abundance

Ion 178.00 (177.70 to 178.70): E

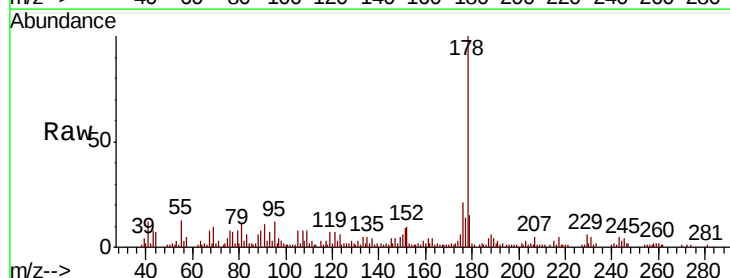
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71
Anthracene
Concen: 1.863 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	21.3	14.8	22.2

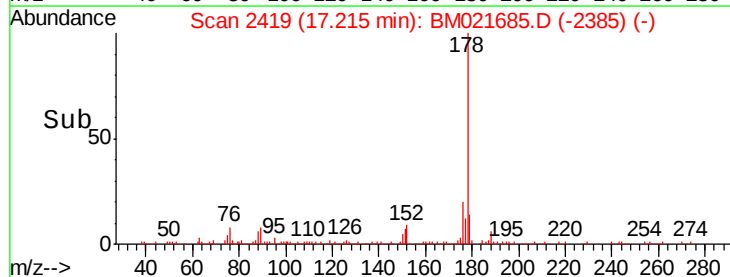
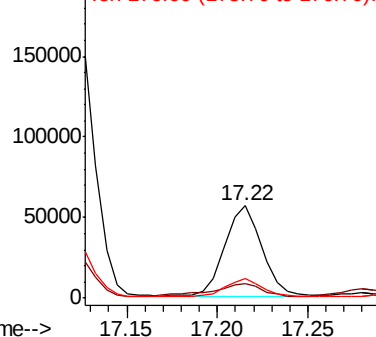


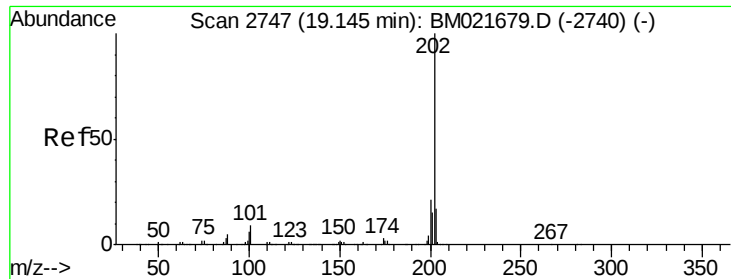
Abundance

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





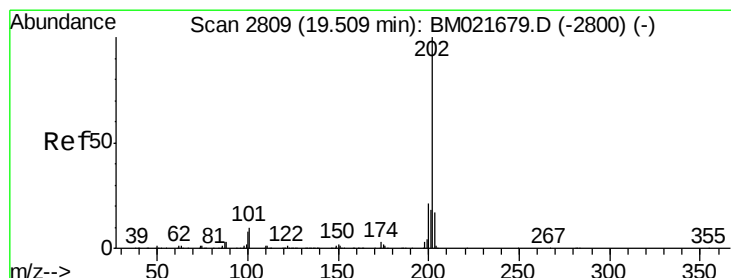
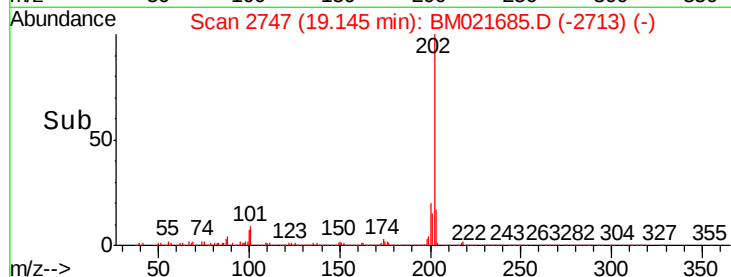
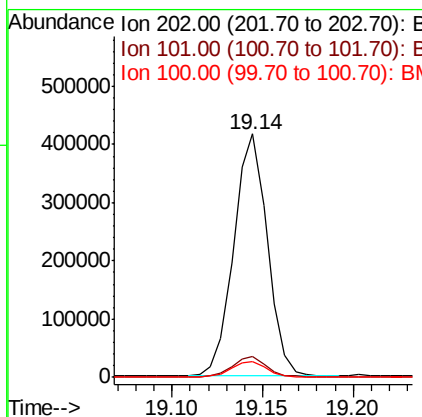
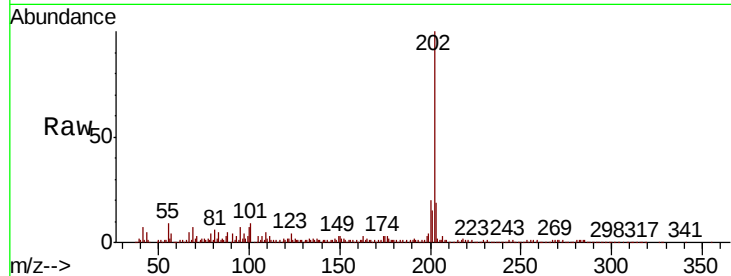
#76
 Fluoranthene
 Concen: 10.886 ng/ul
 RT: 19.14 min Scan# 2747
 Delta R.T. -0.00 min
 Lab File: BM021685.D
 Acq: 27 Jul 2019 12:31

Instrument :
 BNA_M
 ClientSampleId :
 BEP18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		536021		
101	8.6	6.7	10.1		
100	6.7	5.1	7.7		

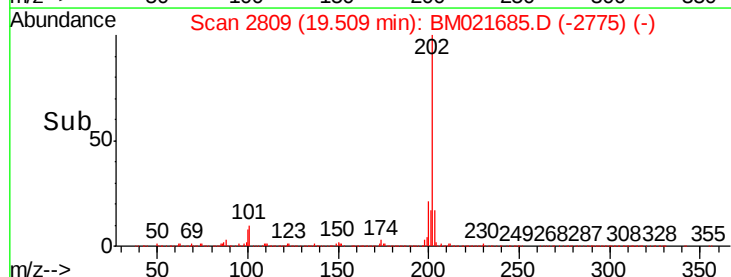
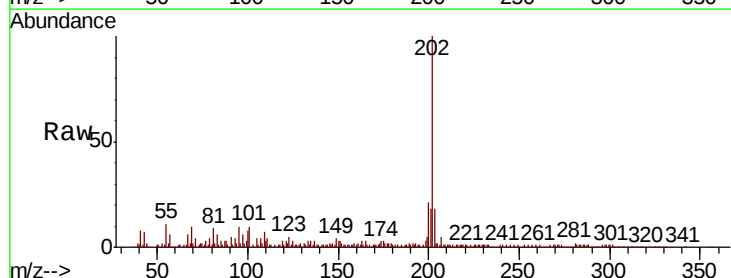
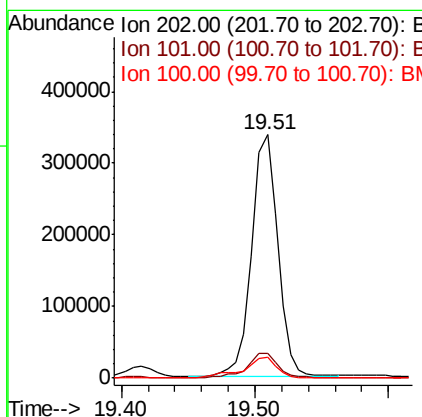
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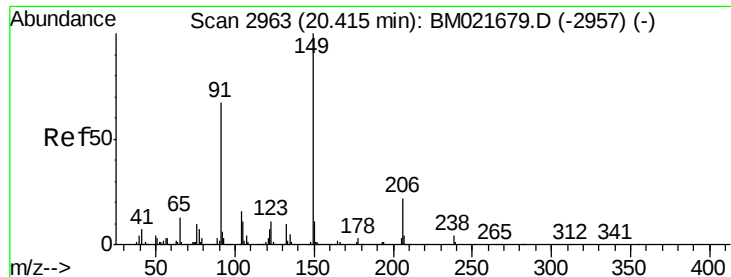
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#79
 Pyrene
 Concen: 8.815 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BM021685.D
 Acq: 27 Jul 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		452805		
101	10.2	8.2	12.2		
100	8.3	7.0	10.4		





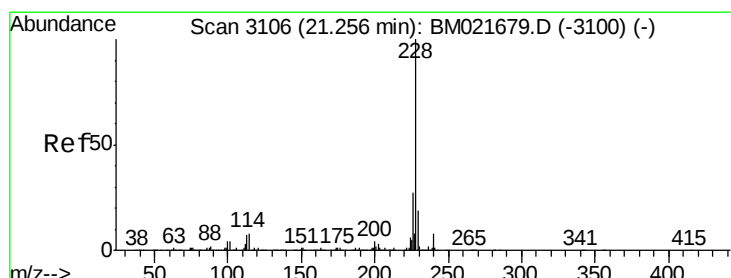
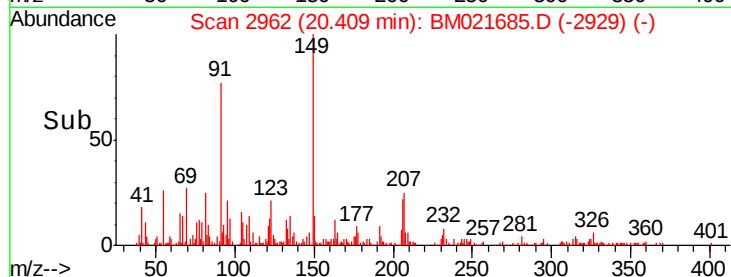
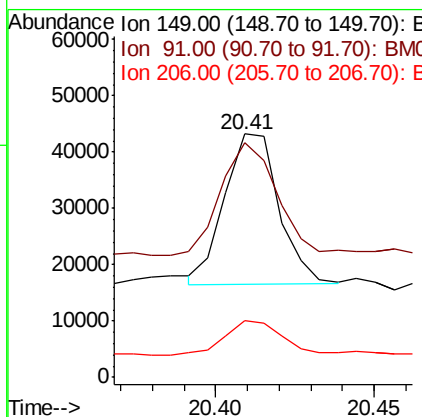
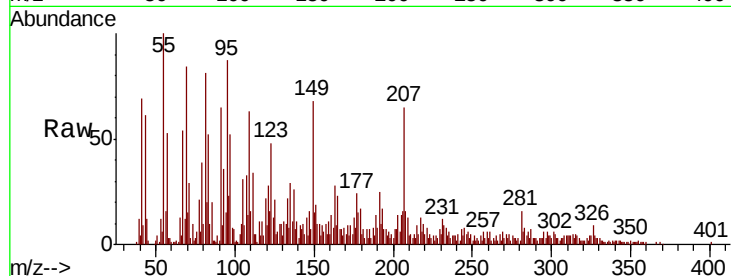
#80
Butylbenzylphthalate
Concen: 2.002 ng/ul
RT: 20.41 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampled :
BEP18

Tot Ion	Ratio	Lower	Upper
149	100		
91	96.4	53.4	80.0#
206	23.4	17.9	26.9

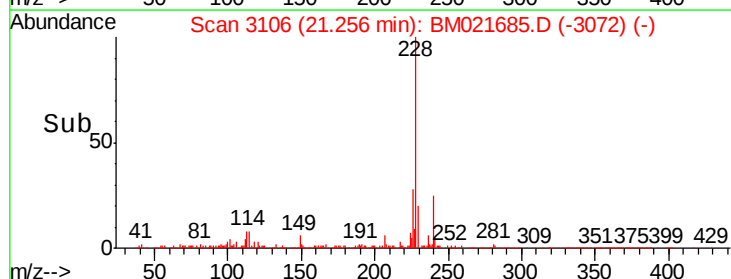
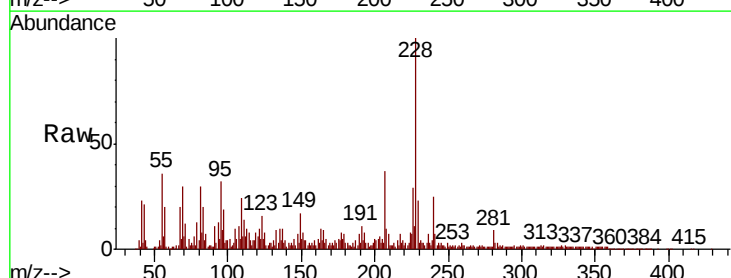
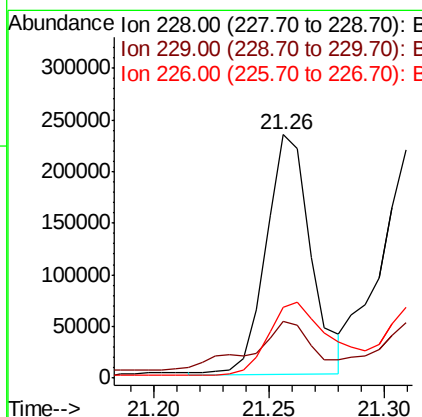
Manual Integrations
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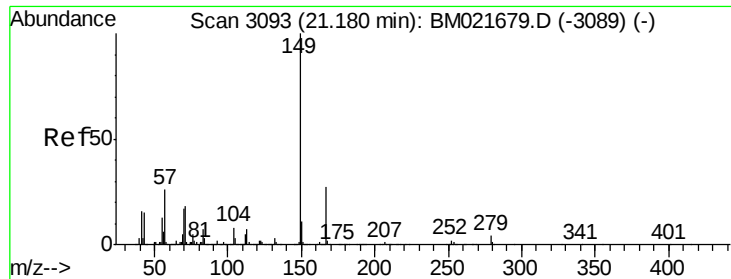
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#82
Benzo(a)anthracene
Concen: 6.244 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.7	23.5
226	29.2	21.4	32.2





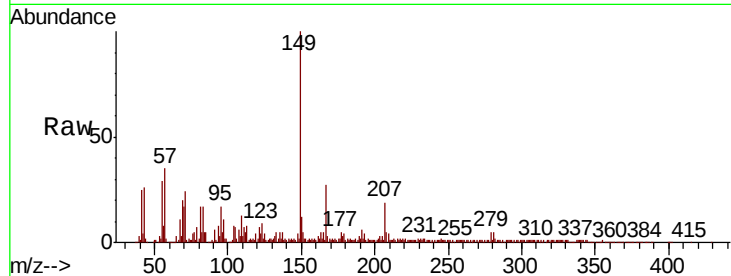
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.305 ng/ul
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM021685.D
 Acq: 27 Jul 2019 12:31

Instrument :
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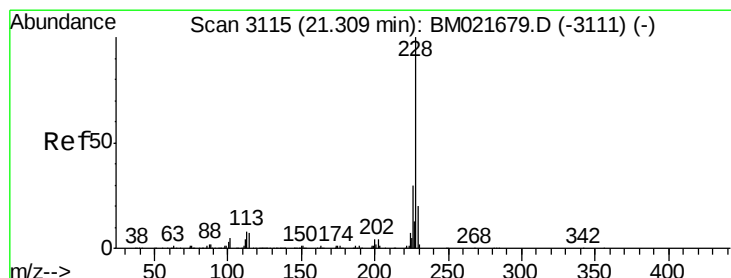
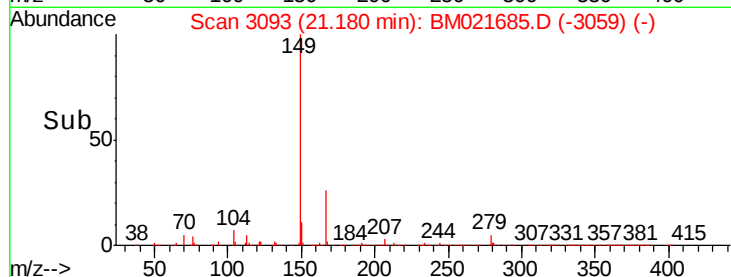
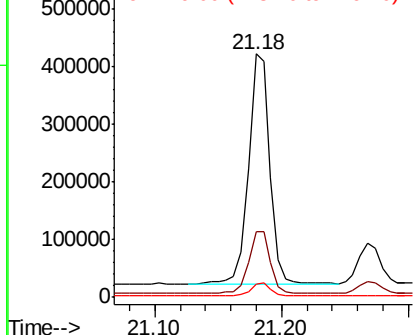
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.6	32.4
279	5.2	3.8	5.6

Manual Integrations
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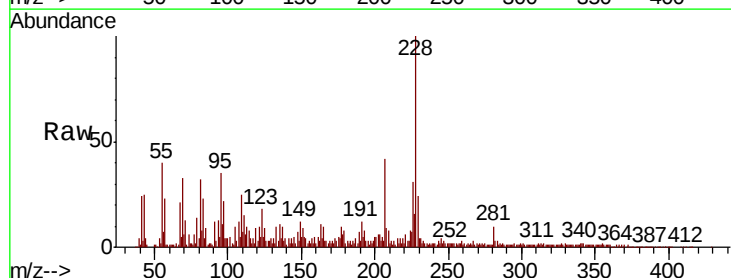


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

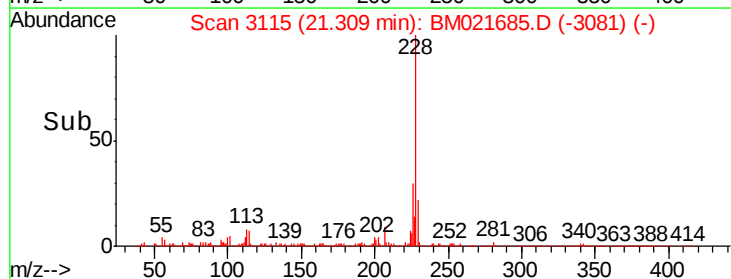
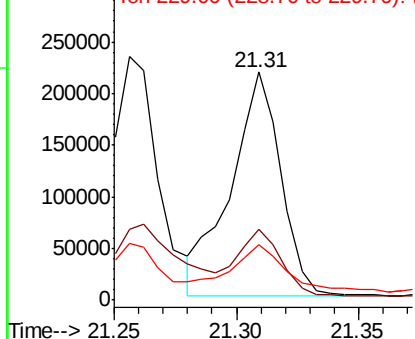


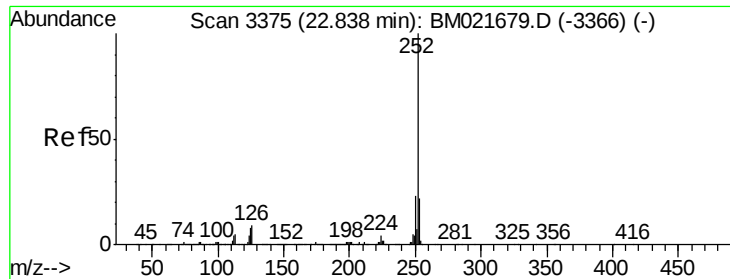
#84
 Chrysene
 Concen: 6.508 ng/ul m
 RT: 21.31 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BM021685.D
 Acq: 27 Jul 2019 12:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	24.2	15.7	23.5



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





#87

Benzo(b)fluoranthene

Concen: 10.011 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BM021685.D

Acq: 27 Jul 2019 12:31

Instrument :

BNA_M

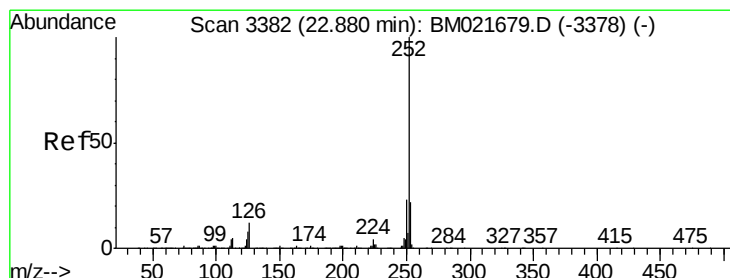
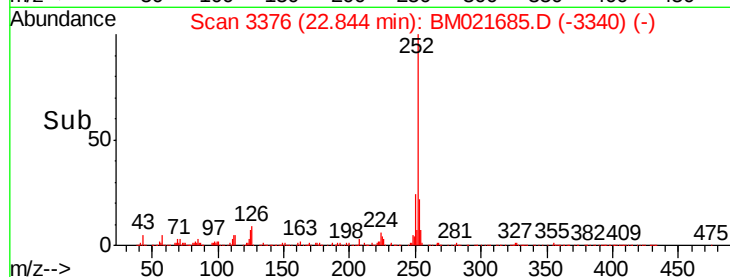
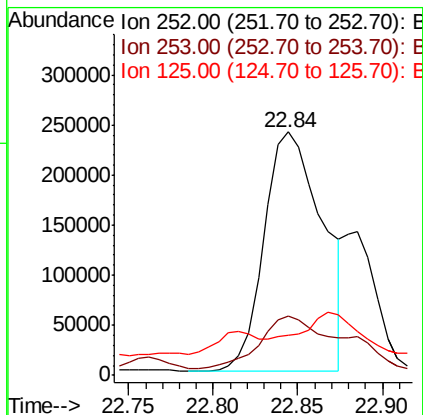
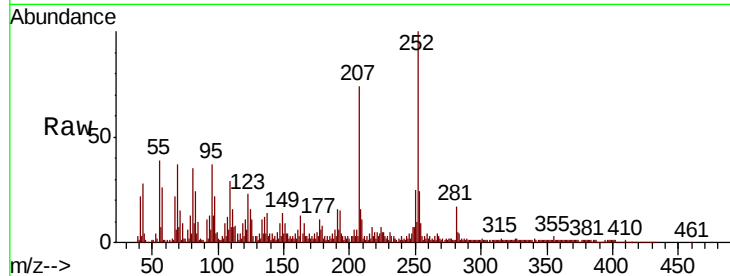
ClientSampleId :

BEP18

Tot Ion:	252	Resp:	574930
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.3	25.9
125	16.2	6.3	9.5#

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7/29/2019 2:29:44 PM



#88

Benzo(k)fluoranthene

Concen: 3.111 ng/ul m

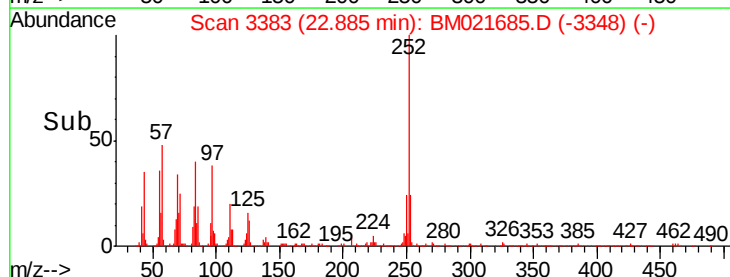
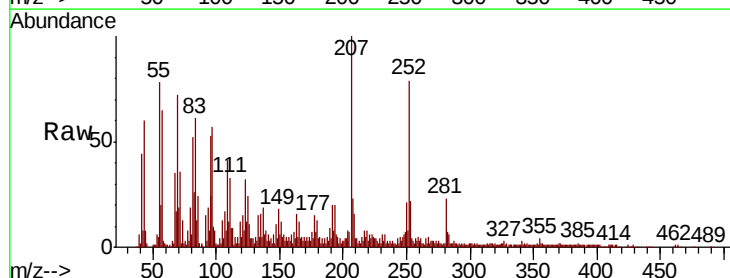
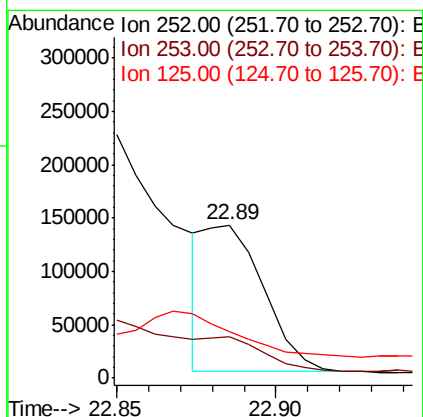
RT: 22.89 min Scan# 3383

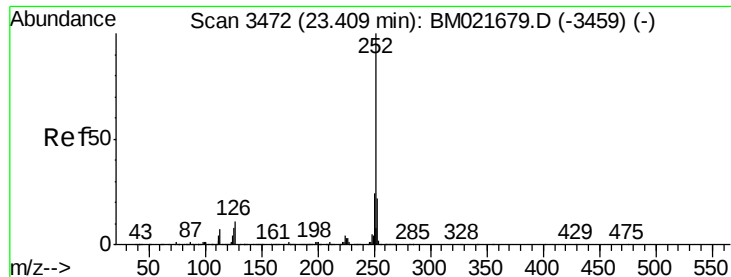
Delta R.T. 0.01 min

Lab File: BM021685.D

Acq: 27 Jul 2019 12:31

Tgt Ion:	252	Resp:	174661
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.7	26.5#
125	30.1	6.3	9.5#





#90

Benzo(a)pyrene

Concen: 6.933 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BM021685.D

Acq: 27 Jul 2019 12:31

Instrument :

BNA_M

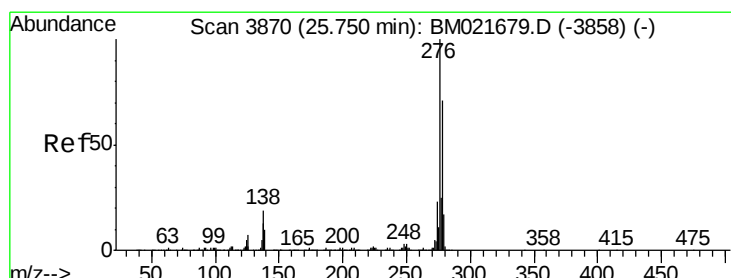
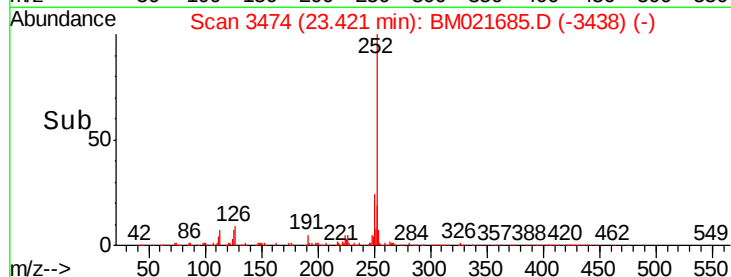
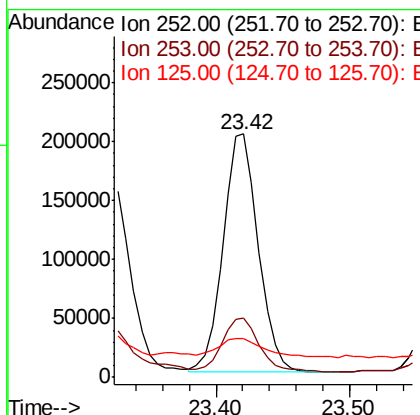
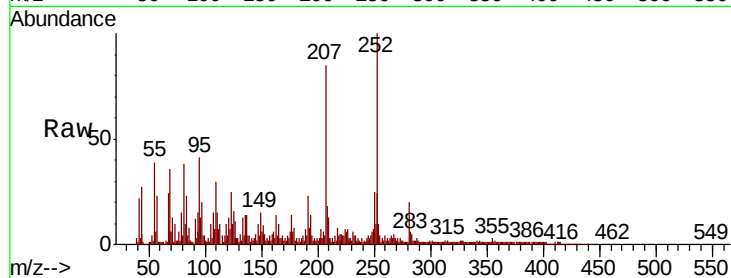
ClientSampled :

BEP18

Tot Ion:	252	Resp:	372771
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.5	26.3
125	16.0	7.0	10.6

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7/29/2019 2:29:44 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 5.724 ng/ul

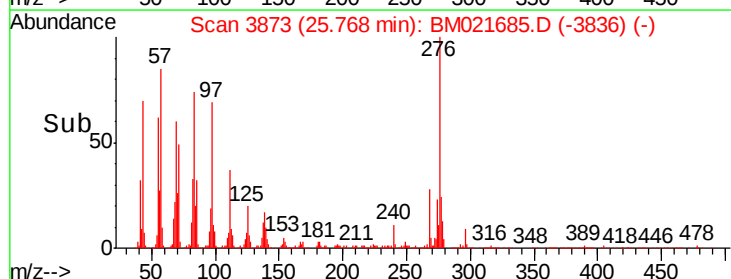
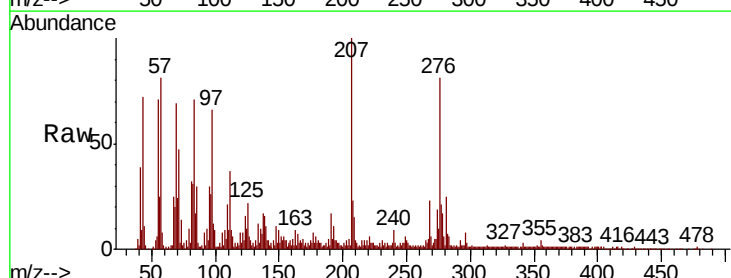
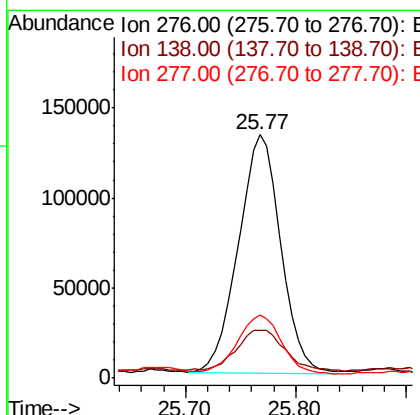
RT: 25.77 min Scan# 3873

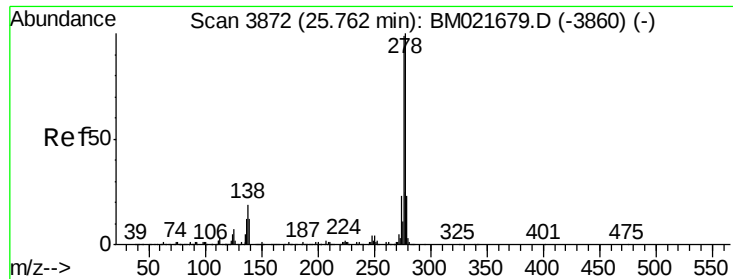
Delta R.T. 0.02 min

Lab File: BM021685.D

Acq: 27 Jul 2019 12:31

Tgt Ion:	276	Resp:	356938
Ion Ratio	Lower	Upper	
276	100		
138	19.5	14.8	22.2
277	25.7	19.7	29.5





#92

Dibenzo(a,h)anthracene

Concen: 1.691 ng/ul

RT: 25.77 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BM021685.D

Acq: 27 Jul 2019 12:31

Instrument :

BNA_M

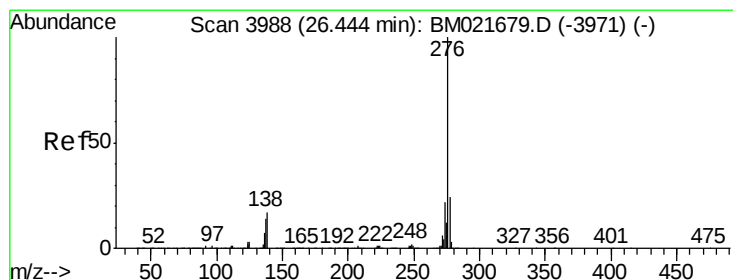
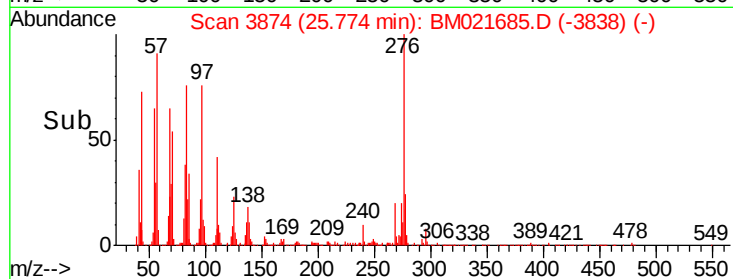
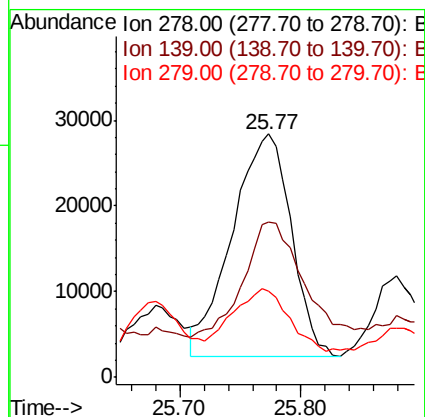
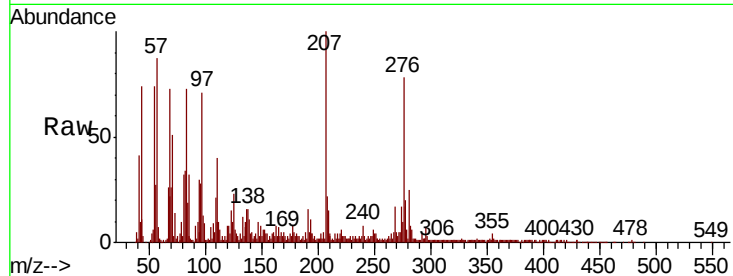
ClientSampled :

BEP18

Tot Ion:	278	Resp:	87657
Ion Ratio	Lower	Upper	
278	100		
139	64.0	9.6	14.4#
279	35.2	19.2	28.8#

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 7.518 ng/ul

RT: 26.46 min Scan# 3991

Delta R.T. 0.02 min

Lab File: BM021685.D

Acq: 27 Jul 2019 12:31

Tgt Ion:	276	Resp:	389801
Ion Ratio	Lower	Upper	
276	100		
138	18.3	13.1	19.7
277	24.5	19.0	28.6

