

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021286.D
 Acq On : 30 Jun 2019 05:43
 Operator : HP/JU
 Sample : K3590-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA8

Manual Integrations
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 7/1/2019 2:44:05 PM

Quant Time: Jul 01 00:52:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	273141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1228558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	792289	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1820088	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1322433	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1445046	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15275	2.66	ng/uL	0.00
5) Phenol-d5	6.93	99	455547	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	261740	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	375491	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	379150	19.10	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	211205	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	251116	22.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	483351	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	375350	15.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1596023	22.29	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1897853	21.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	200732	17.24	ng/ul	0.00
57) Fluorene-d10	15.40	176	1387062	22.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	156774	14.01	ng/ul	0.00
70) Anthracene-d10	17.25	188	2073021	21.92	ng/ul	0.00
78) Pyrene-d10	19.54	212	2040511	25.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1892247	22.19	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.86	163	252737	3.878	ng/ul 98
69) Phenanthrene	17.19	178	770004	7.650	ng/ul 99
71) Anthracene	17.29	178	109036	1.063	ng/ul 99
76) Fluoranthene	19.21	202	1900356	17.472	ng/ul 100
79) Pyrene	19.57	202	1532558	16.393	ng/ul 100
82) Benzo(a)anthracene	21.32	228	710103	7.876	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.24	149	82453	1.673	ng/ul 99
84) Chrysene	21.37	228	821807	9.733	ng/ul 100
87) Benzo(b)fluoranthene	22.93	252	1219946	13.327	ng/ul# 95
88) Benzo(k)fluoranthene	22.96	252	349434m	3.968	ng/ul
90) Benzo(a)pyrene	23.51	252	716171	8.312	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.90	276	573571	5.654	ng/ul 96
92) Dibenzo(a,h)anthracene	25.90	278	139839	1.638	ng/ul# 82
93) Benzo(g,h,i)perylene	26.61	276	519936	6.223	ng/ul 97

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

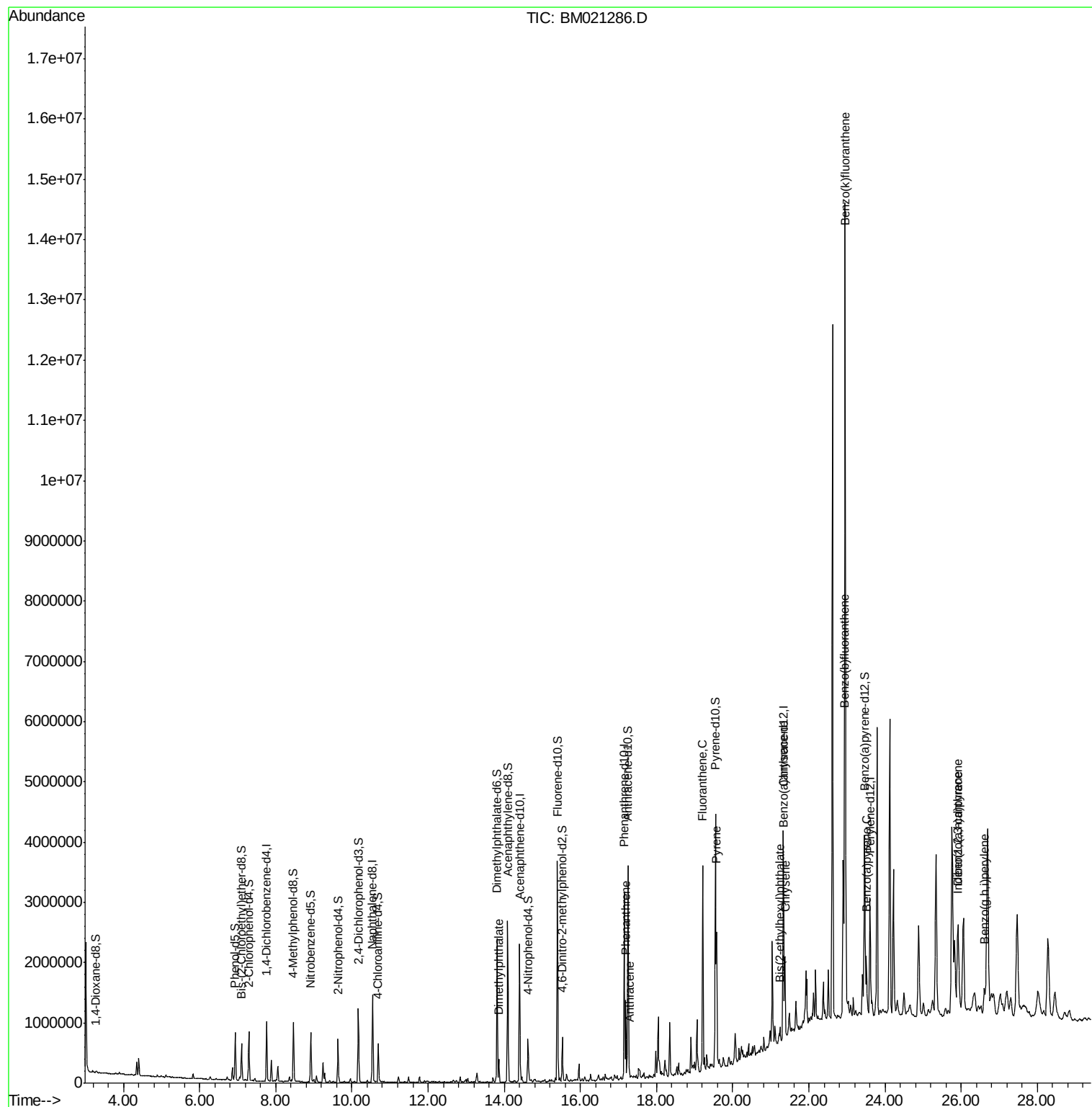
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021286.D
Acq On : 30 Jun 2019 05:43
Operator : HP/JU
Sample : K3590-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

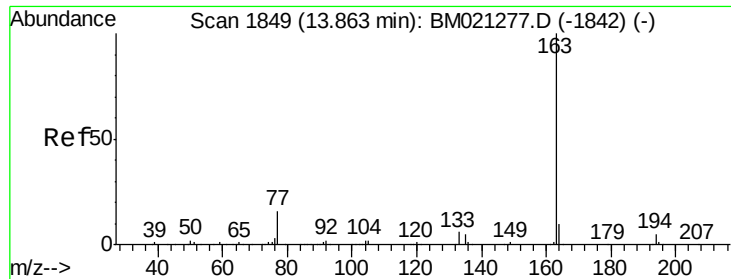
Instrument :
BNA_M
ClientSampleId :
C5BA8

Quant Time: Jul 01 00:52:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

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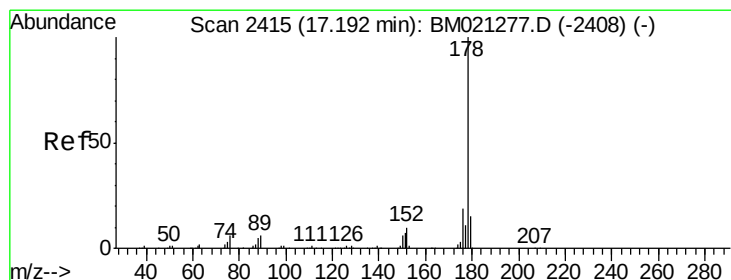
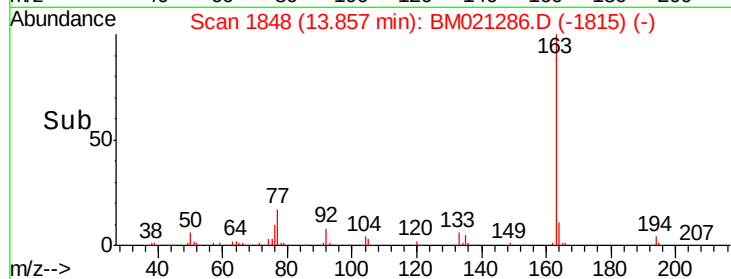
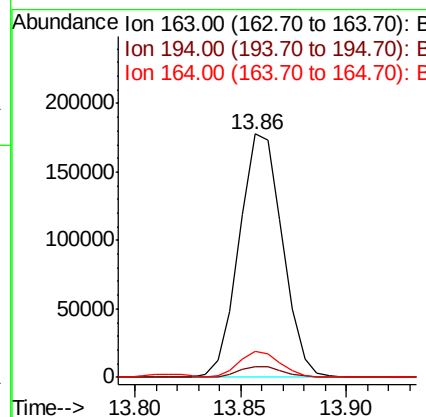
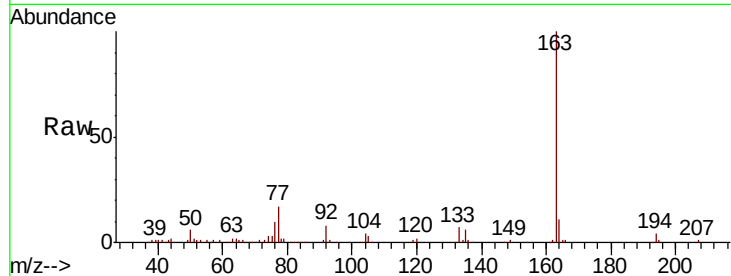
#44
Dimethylphthalate
Concen: 3.878 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Instrument :
BNA_M
ClientSampleId :
C5BA8

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.6	7.7	11.5

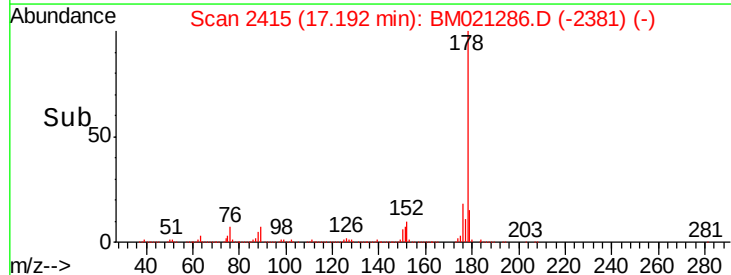
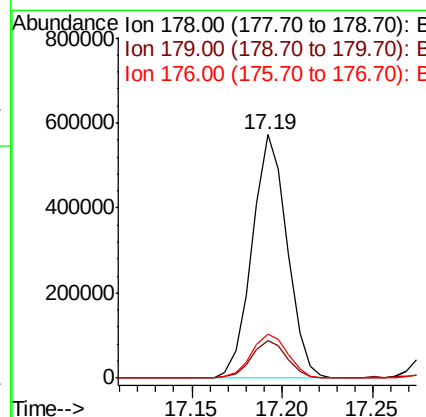
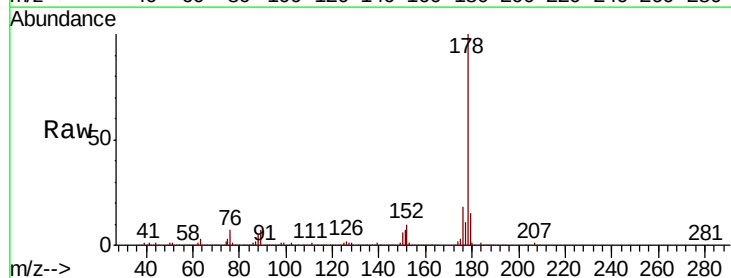
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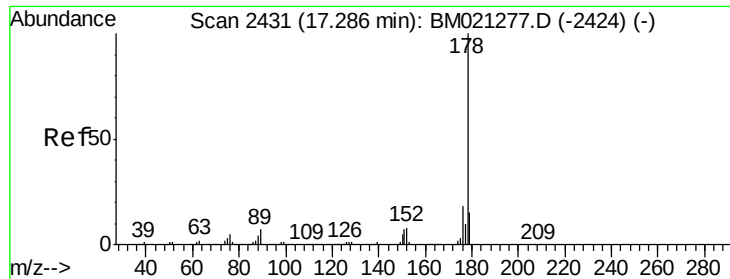
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#69
Phenanthrene
Concen: 7.650 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.3	15.0	22.6





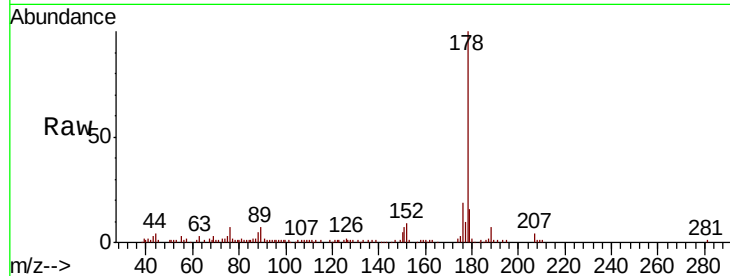
#71
 Anthracene
 Concen: 1.063 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BM021286.D
 Acq: 30 Jun 2019 05:43

Instrument :
 BNA_M
 ClientSampleId :
 C5BA8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.1	14.6	21.8

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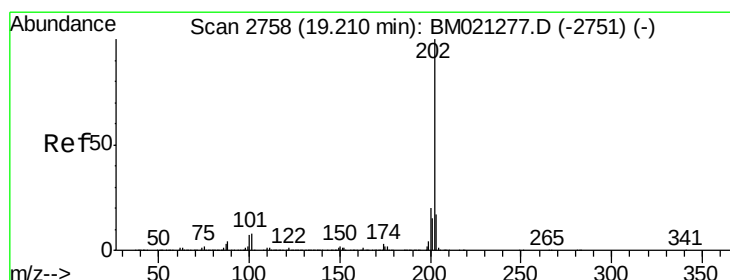
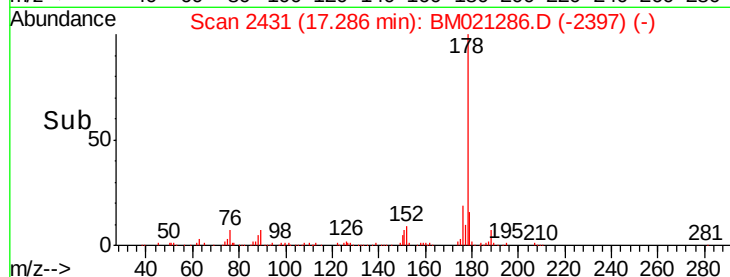
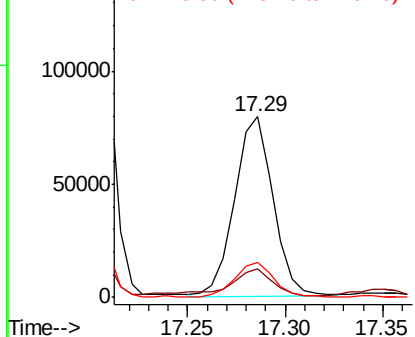


Abundance

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
 Fluoranthene
 Concen: 17.472 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. -0.00 min
 Lab File: BM021286.D
 Acq: 30 Jun 2019 05:43

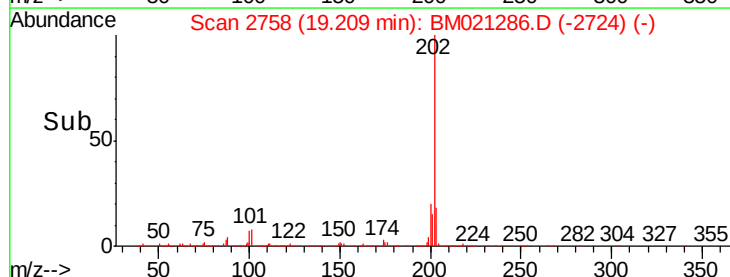
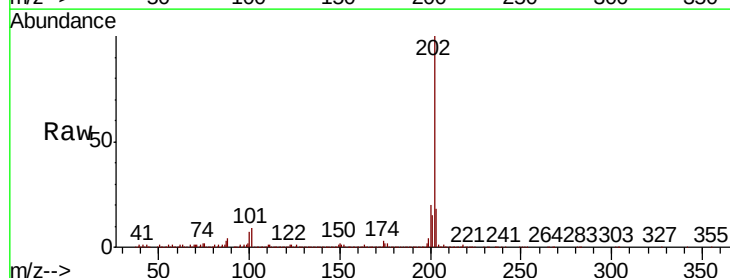
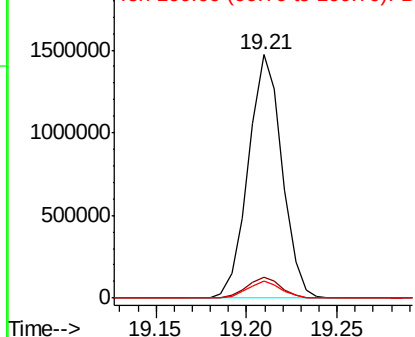
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
100	6.8	5.5	8.3

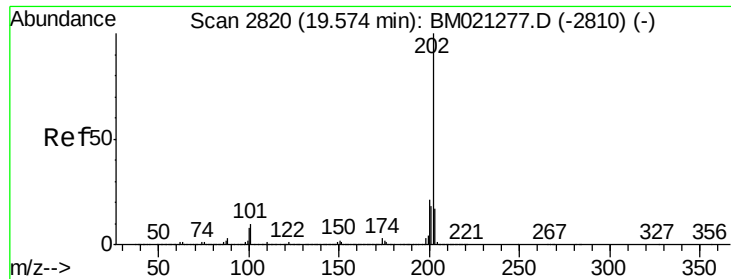
Abundance

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): E





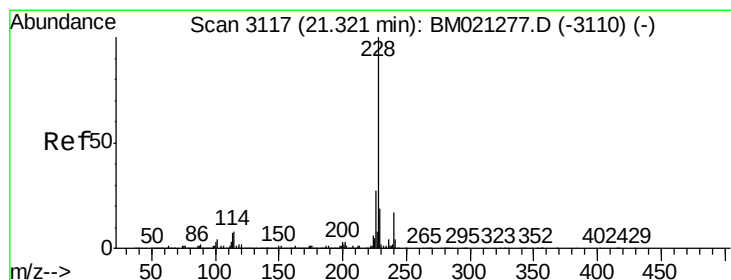
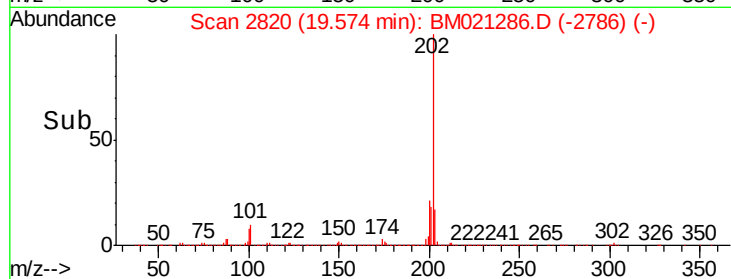
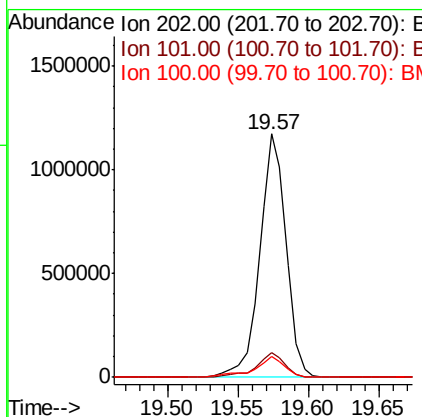
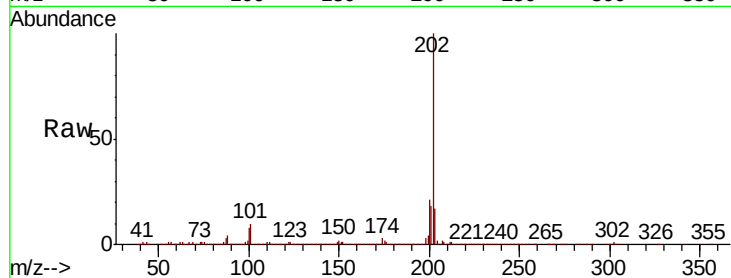
#79
Pvrene
Concen: 16.393 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Instrument :
BNA_M
ClientSampleId :
C5BA8

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
100	8.4	6.6	10.0

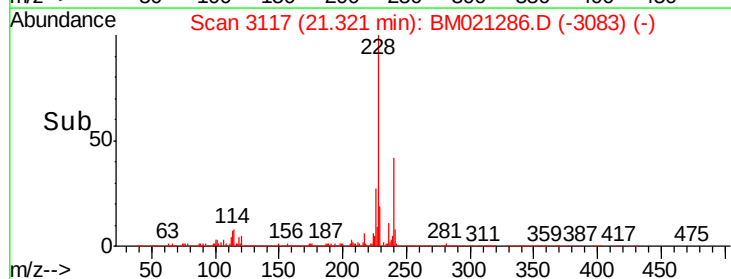
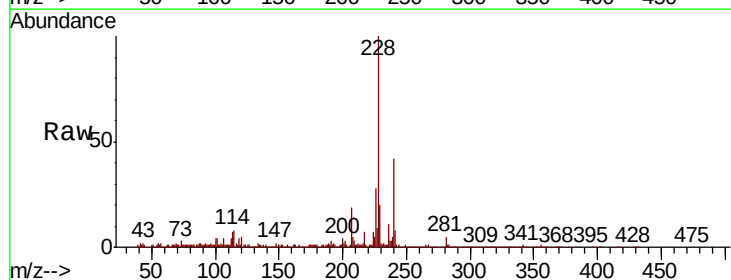
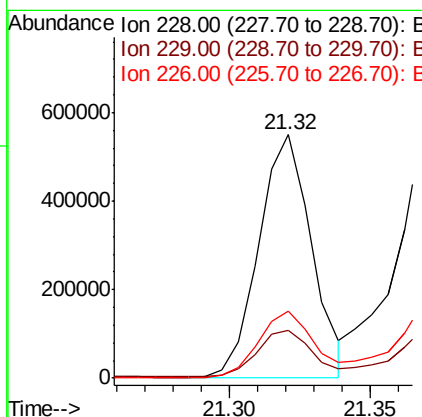
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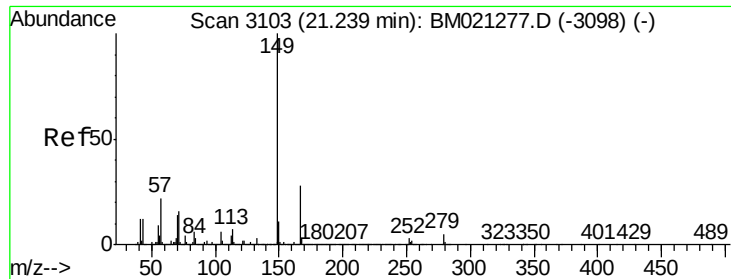
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#82
Benzo(a)anthracene
Concen: 7.876 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.5	21.4	32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.673 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

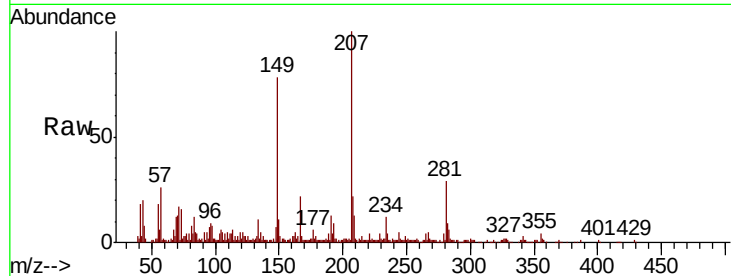
ClientSampled :

C5BA8

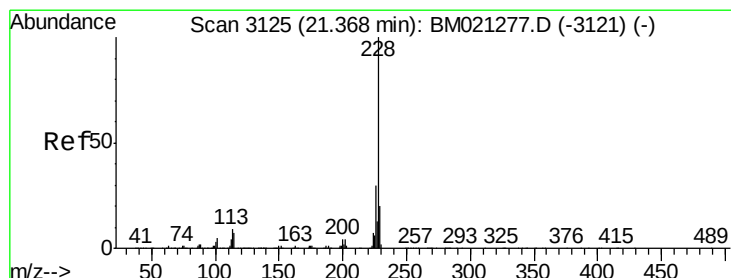
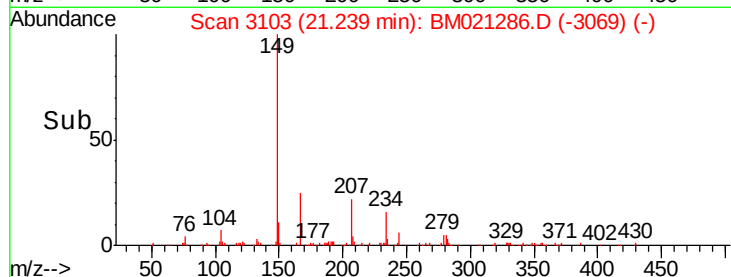
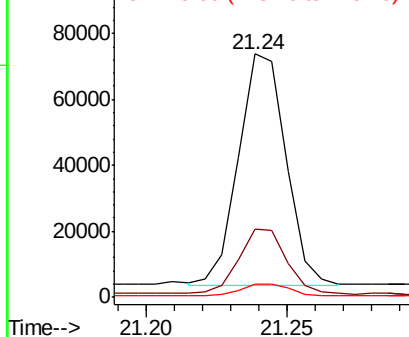
Tot Ion:	149	Resp:	82453
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.3	33.5
279	5.2	3.8	5.6

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: 9.733 ng/ul

RT: 21.37 min Scan# 3126

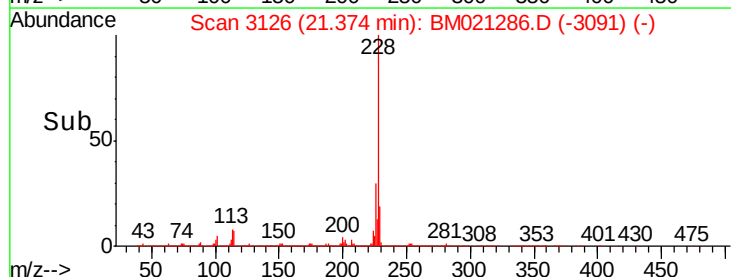
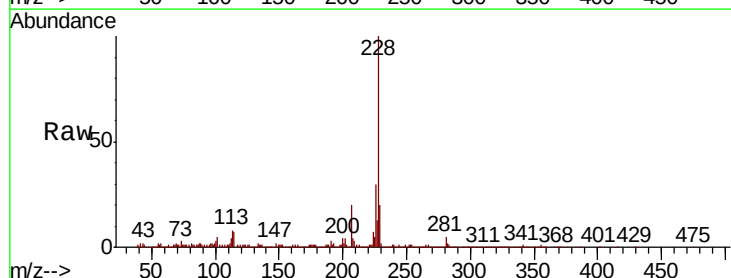
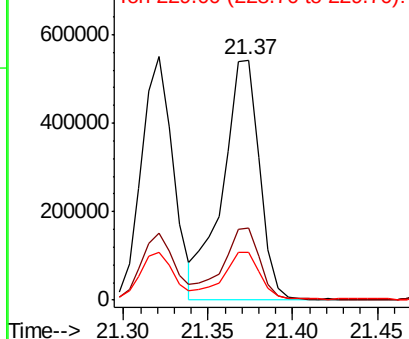
Delta R.T. 0.01 min

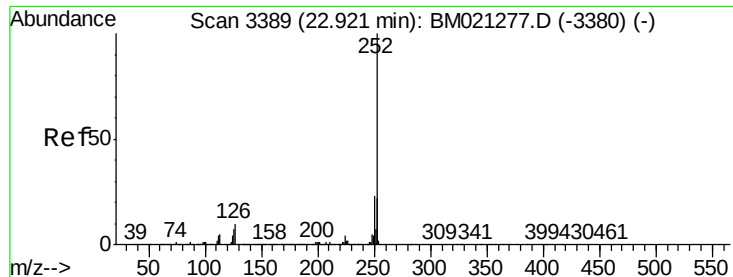
Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Tgt Ion:	228	Resp:	821807
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.9	35.9
229	19.8	15.4	23.2

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





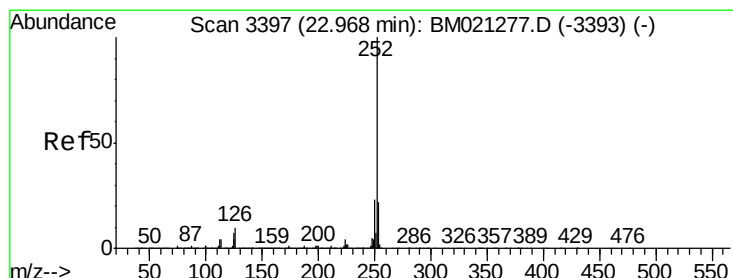
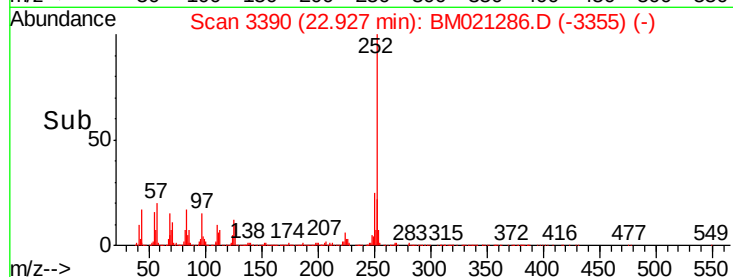
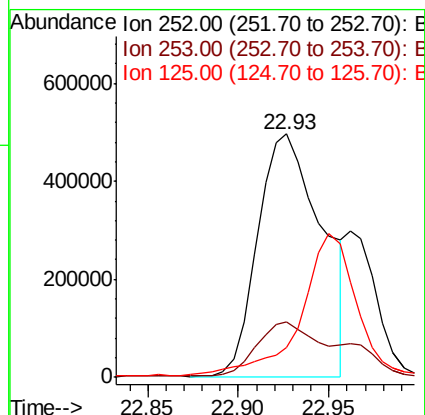
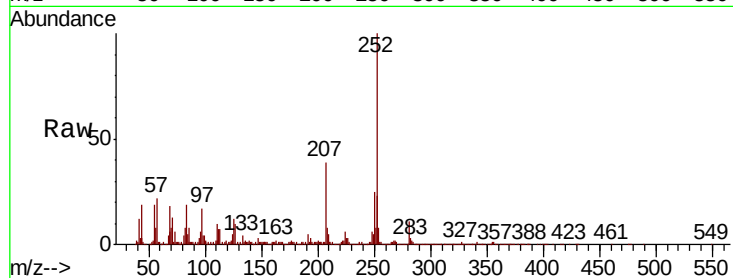
#87
Benzo(b)fluoranthene
Concen: 13.327 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Instrument :
BNA_M
ClientSampleId :
C5BA8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.1	6.3	9.5#

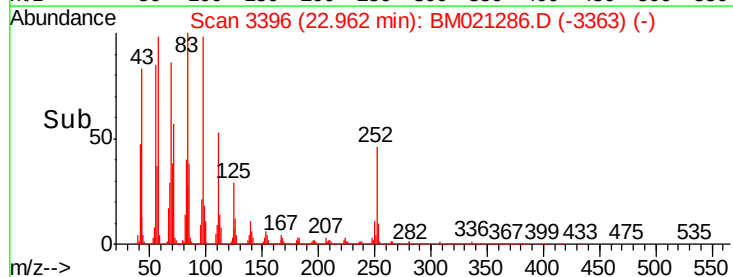
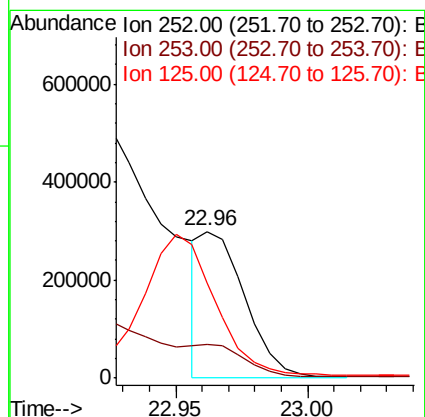
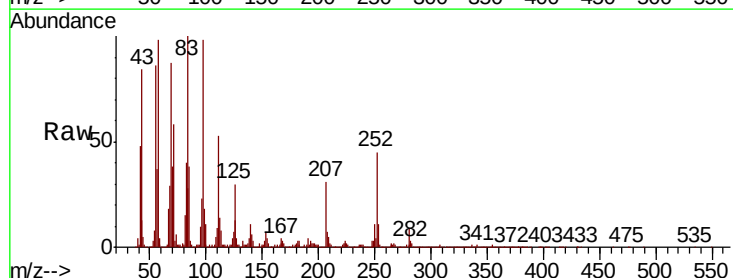
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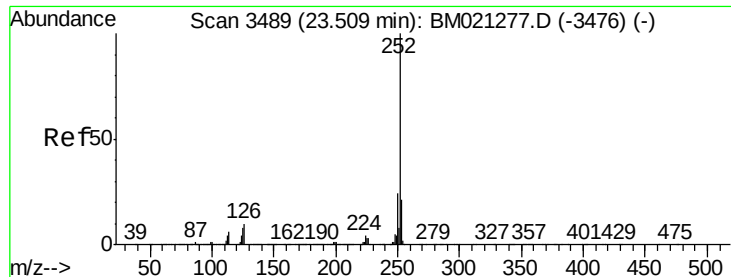
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#88
Benzo(k)fluoranthene
Concen: 3.968 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	65.1	6.6	9.8#





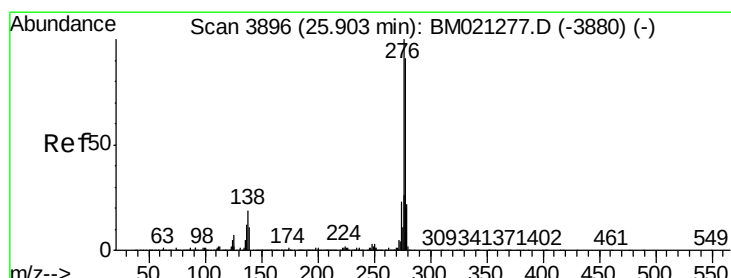
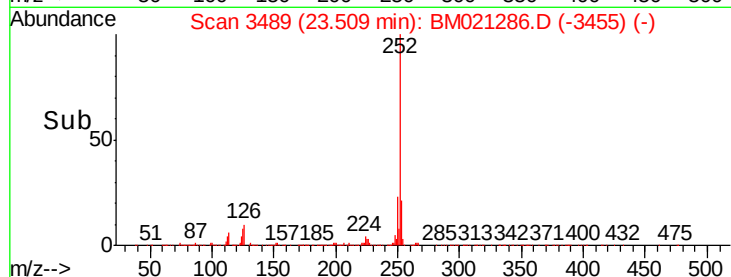
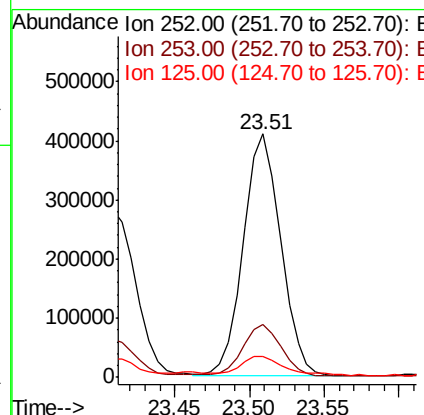
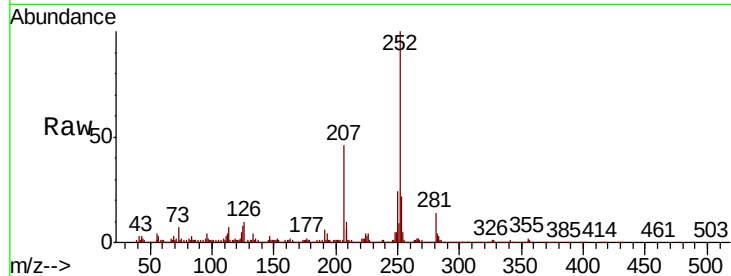
#90
Benzo(a)pyrene
Concen: 8.312 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Instrument :
BNA_M
ClientSampled :
C5BA8

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.5	7.2	10.8

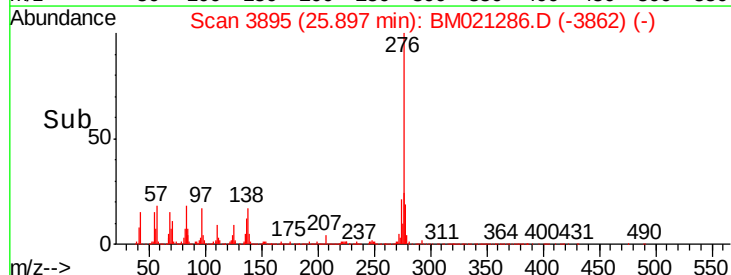
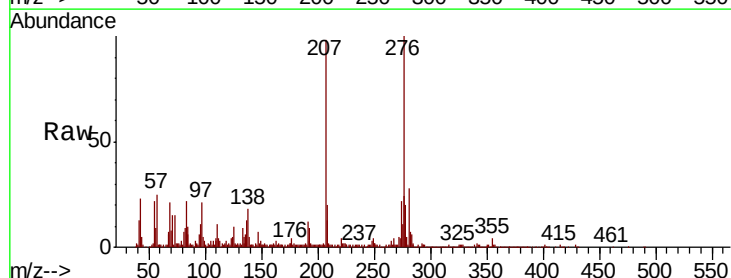
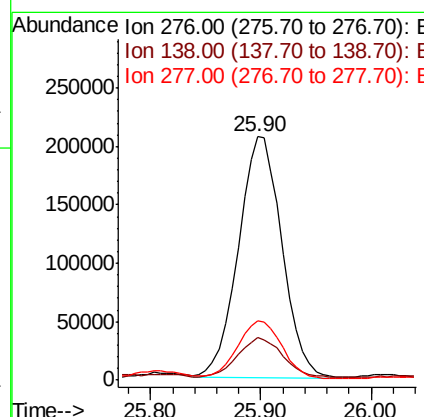
Manual Integrations
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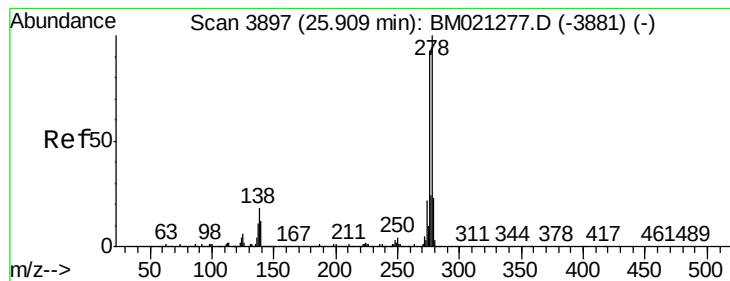
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#91
Indeno(1,2,3-cd)pyrene
Concen: 5.654 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.9	23.9
277	24.3	20.4	30.6





#92

Dibenzo(a,h)anthracene

Concen: 1.638 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

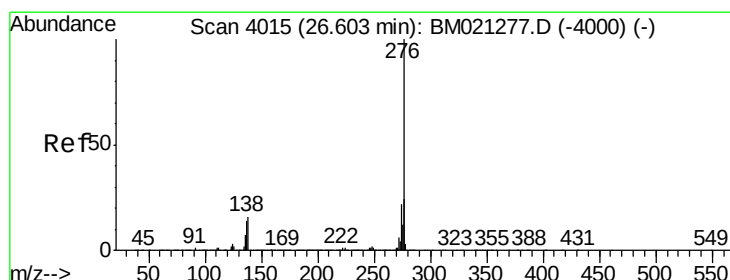
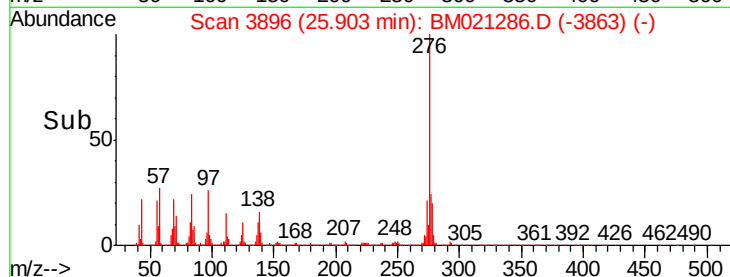
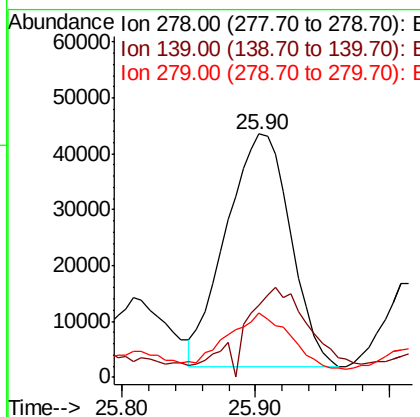
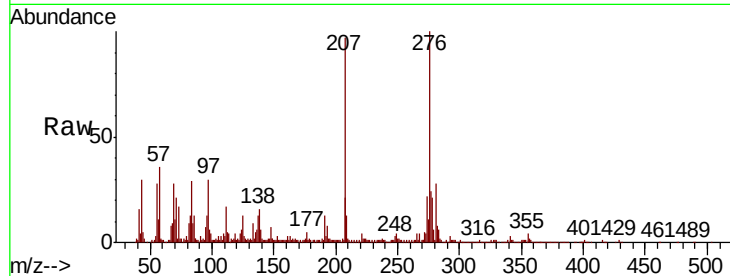
ClientSampled :

C5BA8

Tot Ion:	278	Resp:	139839
Ion Ratio	Lower	Upper	
278	100		
139	29.6	10.6	15.8#
279	26.2	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/1/2019 2:44:05 PM



#93

Benzo(g,h,i)perylene

Concen: 6.223 ng/ul

RT: 26.61 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Tgt Ion:	276	Resp:	519936
Ion Ratio	Lower	Upper	
276	100		
138	15.8	14.6	21.8
277	23.4	18.9	28.3

