

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021282.D
 Acq On : 30 Jun 2019 03:19
 Operator : HP/JU
 Sample : K3590-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB8

Manual Integrations
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Quant Time: Jun 30 04:34:42 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	323693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1445523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	933446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	2100432	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1479206	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1671612	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	16963	2.49	ng/uL	0.00
5) Phenol-d5	6.93	99	442429	15.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	241741	14.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	365773	15.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	372656	15.85	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	190846	16.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	229044	17.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	449302	16.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	355129	12.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1419153	16.83	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1672519	16.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	189410	13.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	1260548	17.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	138323	10.71	ng/ul	0.00
70) Anthracene-d10	17.25	188	1896177	17.37	ng/ul	0.00
78) Pyrene-d10	19.54	212	1846960	20.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1729633	17.54	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.86	163	191636	2.496	ng/ul	99
69) Phenanthrene	17.19	178	316590	2.725	ng/ul	99
76) Fluoranthene	19.21	202	1001294	7.977	ng/ul	100
79) Pyrene	19.57	202	869395	8.314	ng/ul	99
82) Benzo(a)anthracene	21.32	228	461562	4.577	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	137873	2.502	ng/ul	99
84) Chrysene	21.37	228	510150	5.401	ng/ul	98
87) Benzo(b)fluoranthene	22.92	252	801425	7.569	ng/ul#	96
88) Benzo(k)fluoranthene	22.96	252	208188m	2.044	ng/ul	
90) Benzo(a)pyrene	23.51	252	474563	4.762	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	375212	3.197	ng/ul	95
93) Benzo(g,h,i)perylene	26.60	276	348079	3.601	ng/ul	96

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

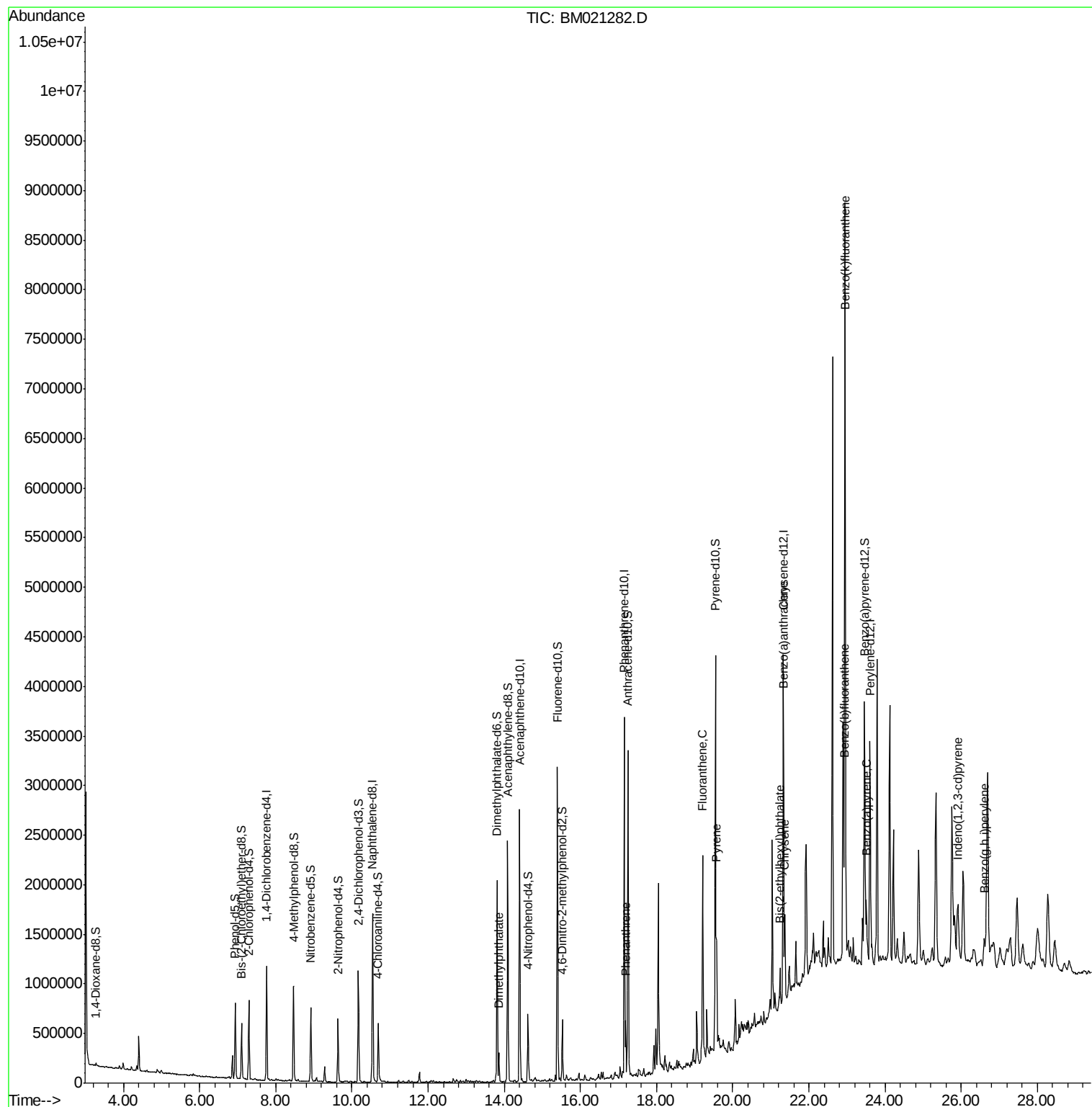
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021282.D
Acq On : 30 Jun 2019 03:19
Operator : HP/JU
Sample : K3590-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

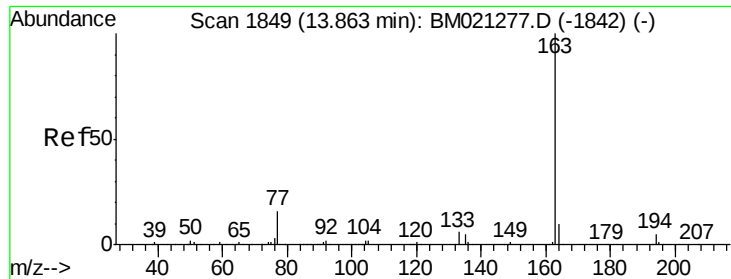
Instrument :
BNA_M
ClientSampleId :
C5BB8

Quant Time: Jun 30 04:34:42 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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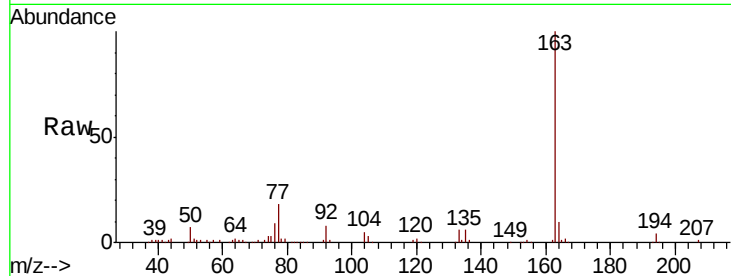
#44
Dimethylphthalate
Concen: 2.496 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Instrument :
BNA_M
ClientSampled :
C5BB8

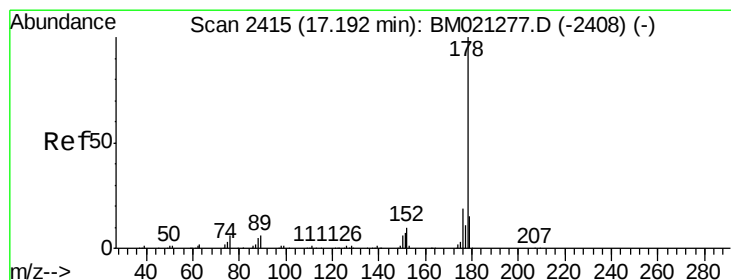
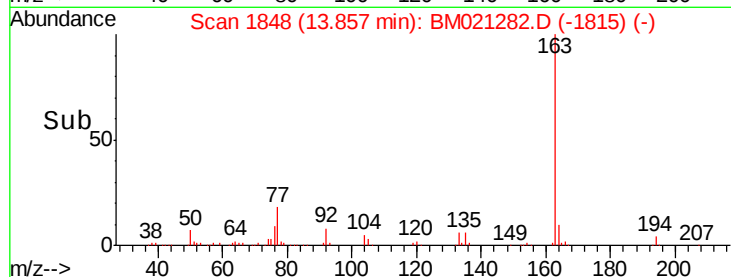
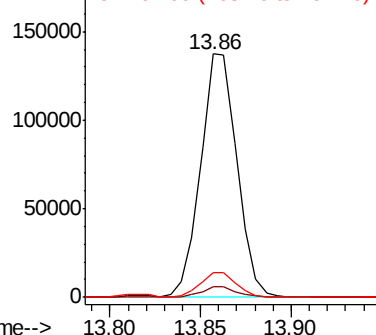
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.9	7.7	11.5

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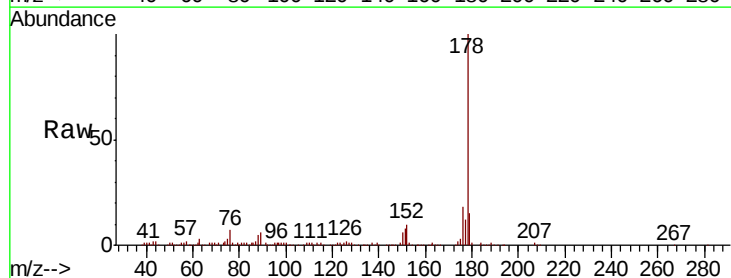


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

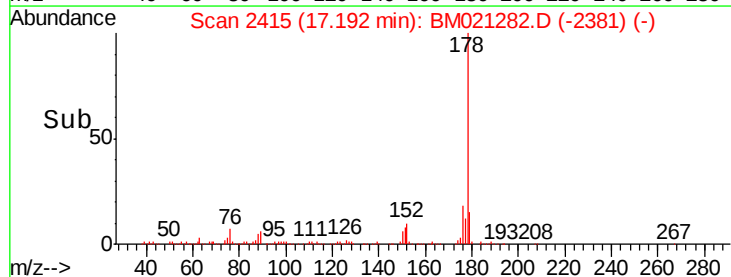
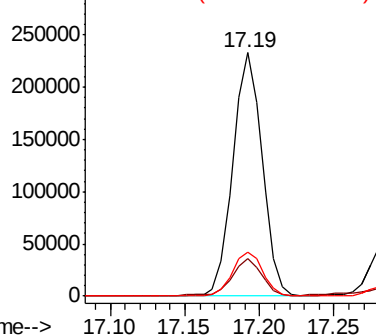


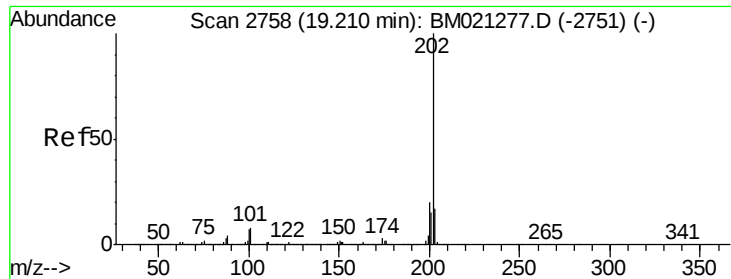
#69
Phenanthrene
Concen: 2.725 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.2	15.0	22.6



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





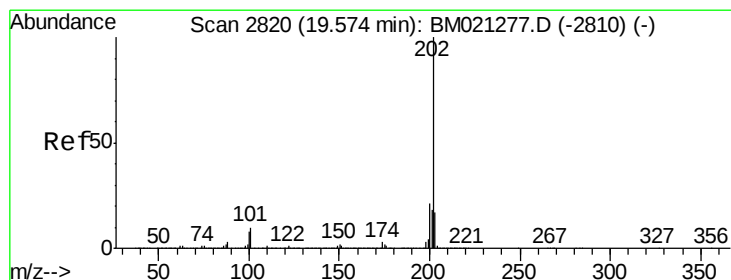
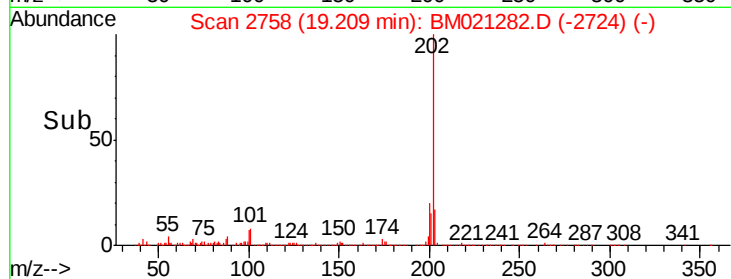
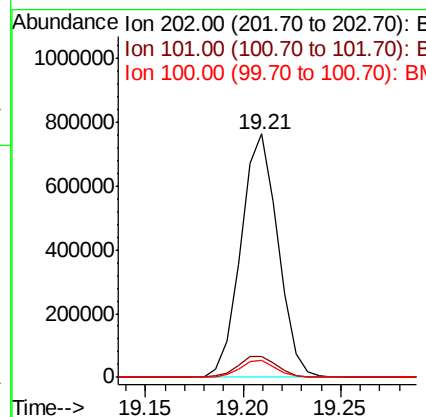
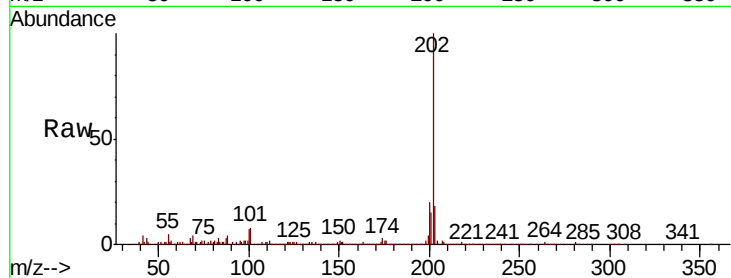
#76
Fluoranthene
Concen: 7.977 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.00 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Instrument :
BNA_M
ClientSampled :
C5BB8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.5	6.7	10.1		
100	6.8	5.5	8.3		

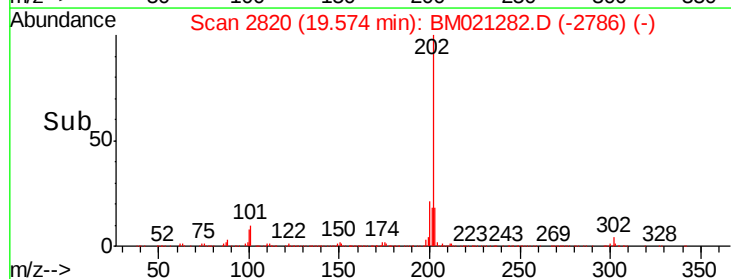
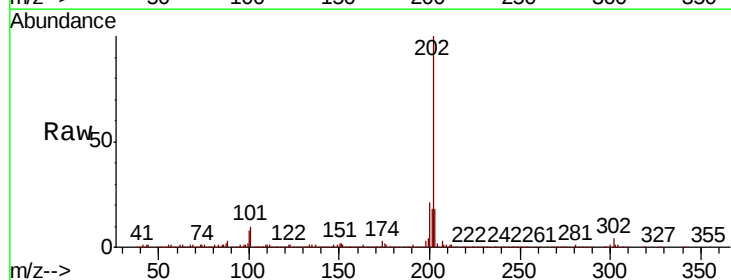
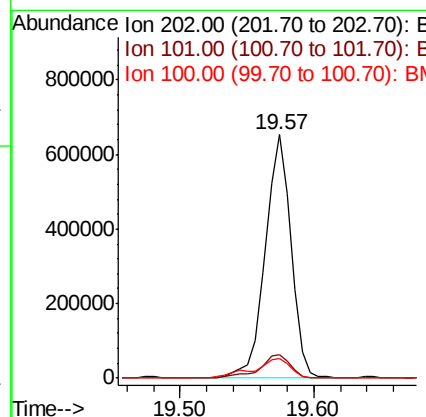
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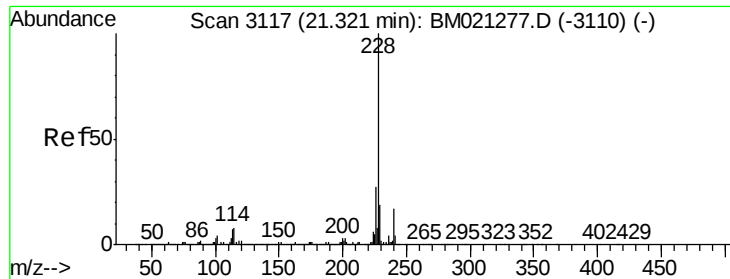
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#79
Pyrene
Concen: 8.314 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.8	8.1	12.1		
100	8.2	6.6	10.0		





#82

Benzo(a)anthracene

Concen: 4.577 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021282.D

Acq: 30 Jun 2019 03:19

Instrument :

BNA_M

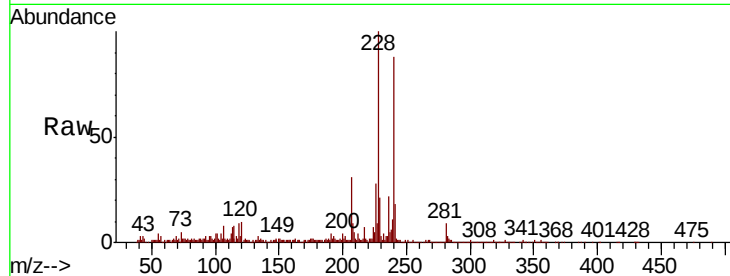
ClientSampleId :

C5BB8

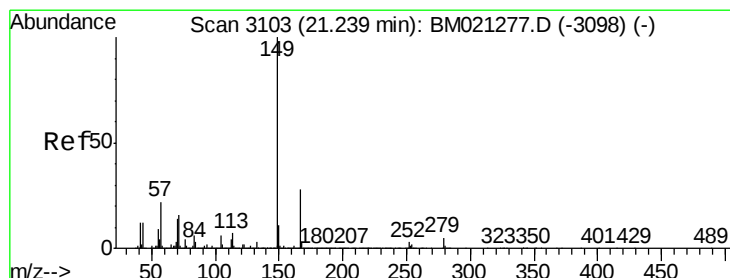
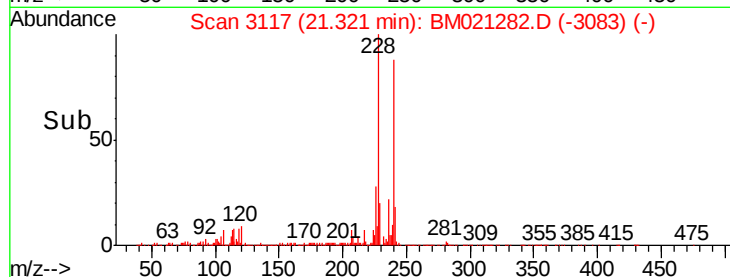
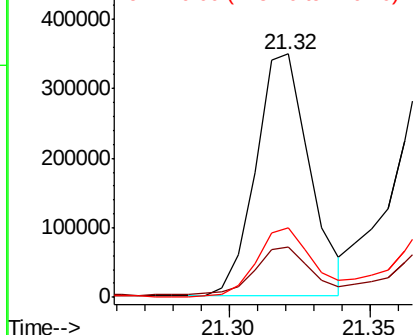
Tot Ion:	228	Resp:	461562
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.8	23.8
226	28.5	21.4	32.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.502 ng/ul

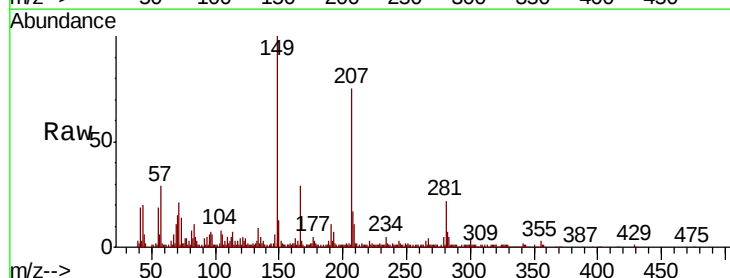
RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

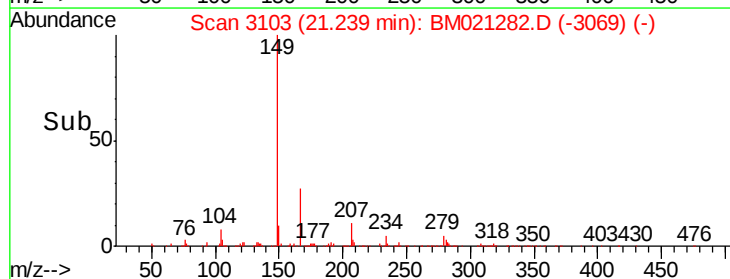
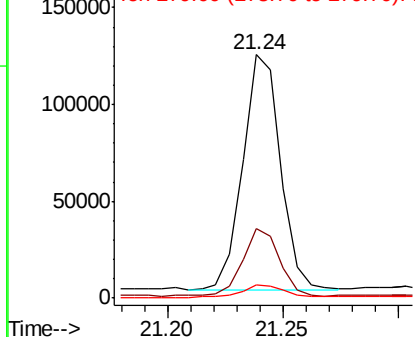
Lab File: BM021282.D

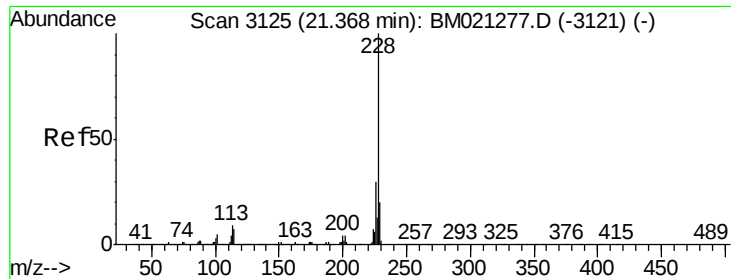
Acq: 30 Jun 2019 03:19

Tgt Ion:	149	Resp:	137873
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.3	33.5
279	5.2	3.8	5.6



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





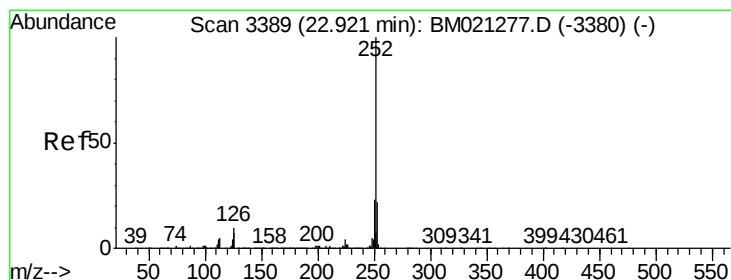
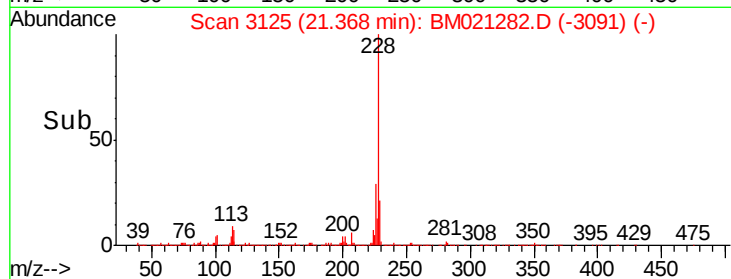
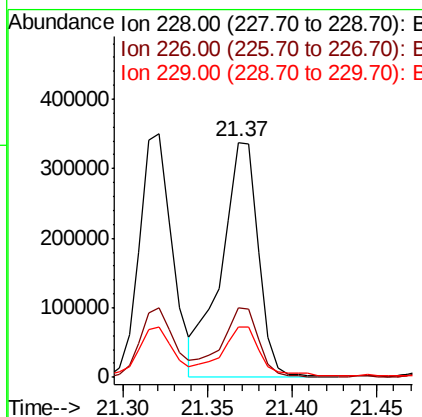
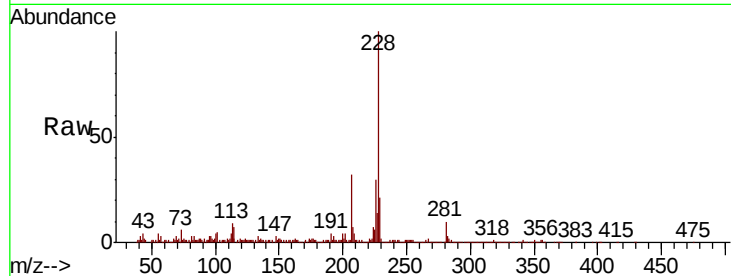
#84
 Chrysene
 Concen: 5.401 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BM021282.D
 Acq: 30 Jun 2019 03:19

Instrument :
 BNA_M
 ClientSampled :
 C5BB8

Tot Ion:	228	Resp:	510150
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.9	35.9
229	21.5	15.4	23.2

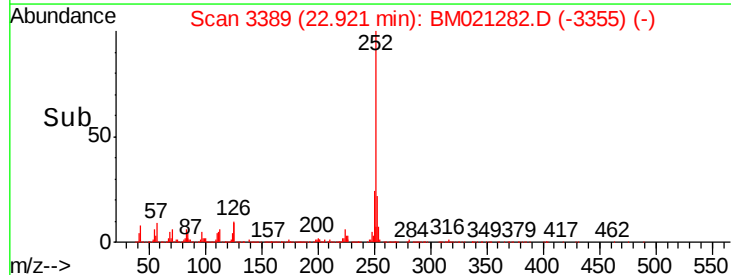
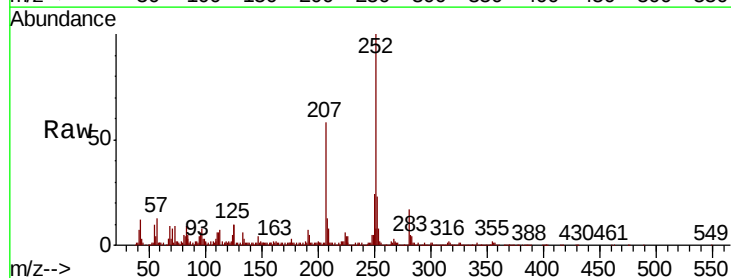
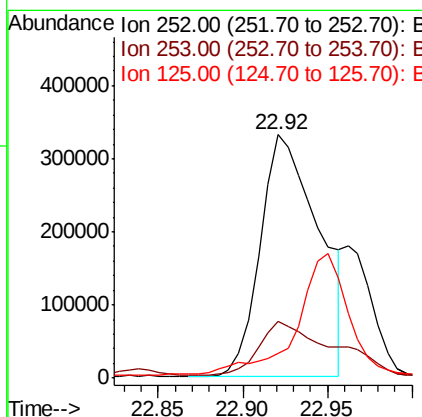
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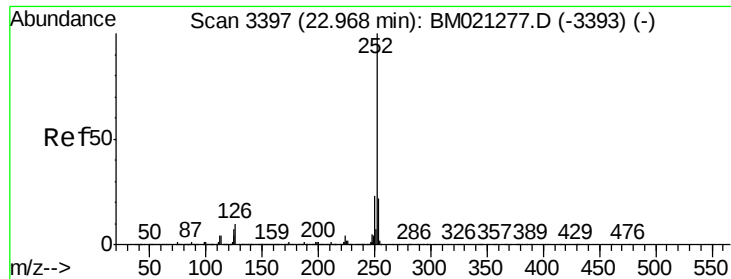
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#87
 Benzo(b)fluoranthene
 Concen: 7.569 ng/ul
 RT: 22.92 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: BM021282.D
 Acq: 30 Jun 2019 03:19

Tgt Ion:	252	Resp:	801425
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	10.0	6.3	9.5#





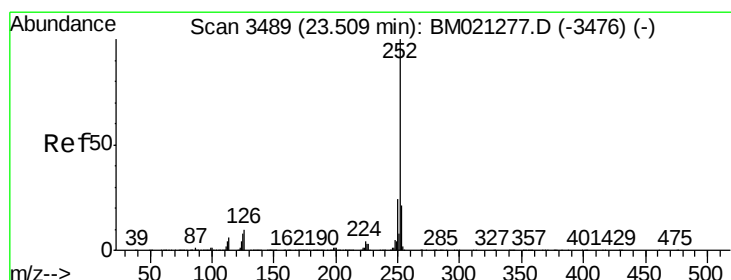
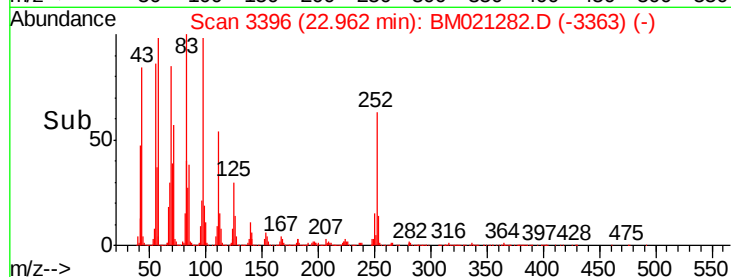
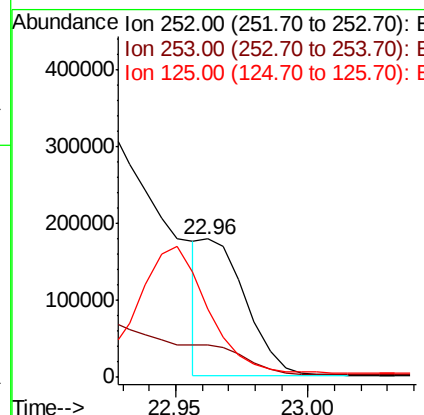
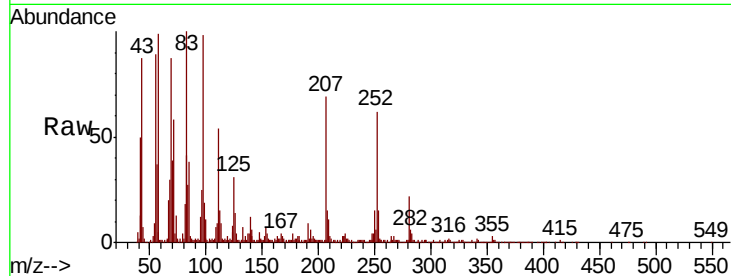
#88
Benzo(k)fluoranthene
Concen: 2.044 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Instrument :
BNA_M
ClientSampleId :
C5BB8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.5	26.3
125	49.3	6.6	9.8#

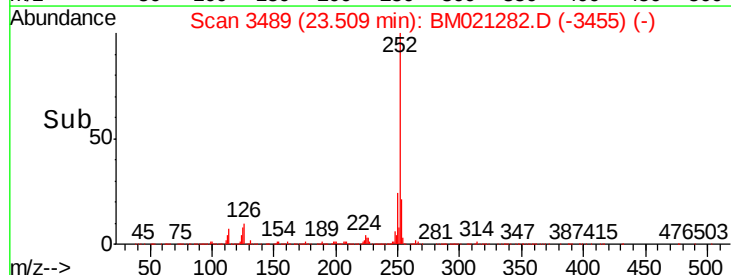
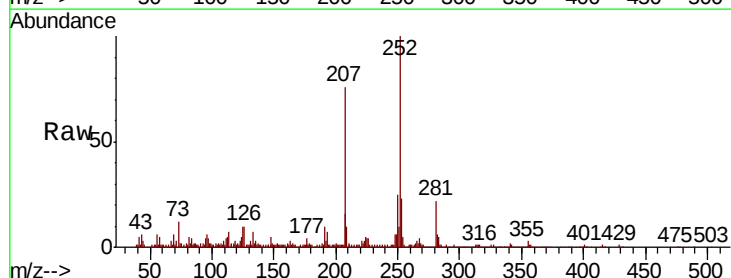
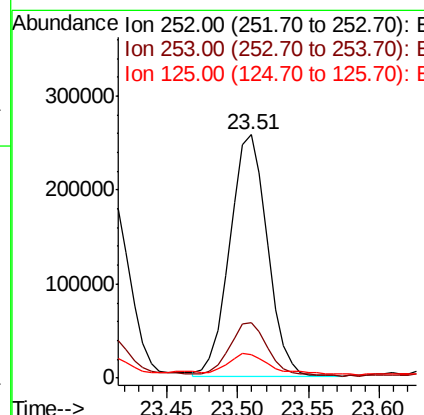
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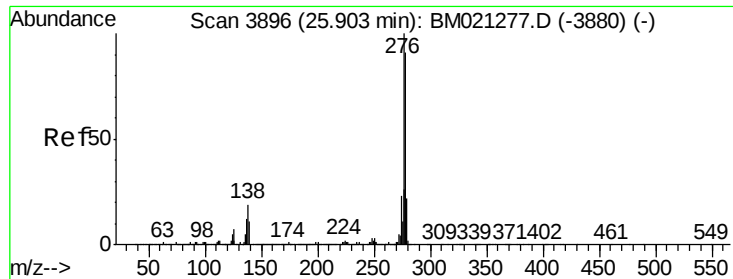
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#90
Benzo(a)pyrene
Concen: 4.762 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.6	7.2	10.8





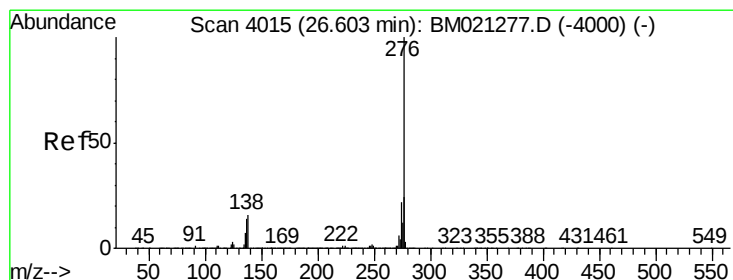
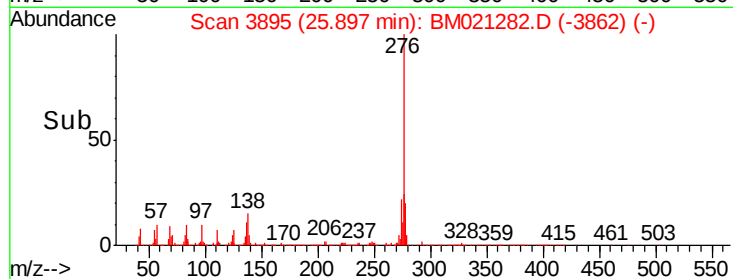
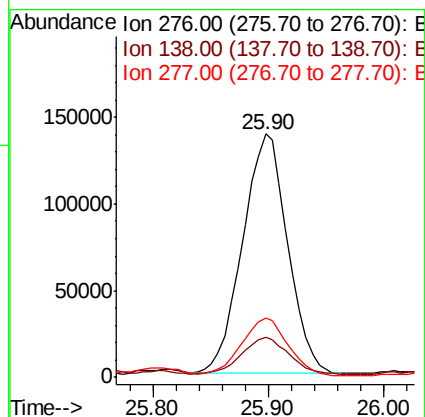
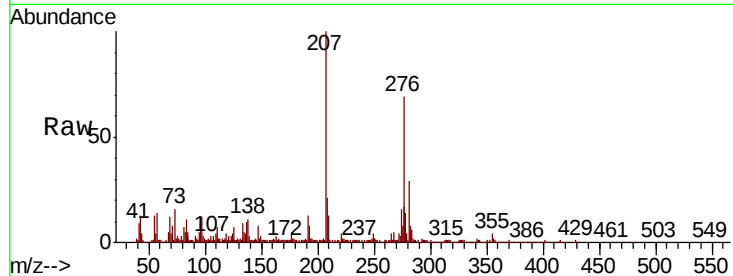
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.197 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Instrument :
BNA_M
ClientSampleId :
C5BB8

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.9	23.9
277	24.2	20.4	30.6

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 3.601 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.00 min
Lab File: BM021282.D
Acq: 30 Jun 2019 03:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.6	21.8
277	25.5	18.9	28.3

