

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021288.D
 Acq On : 30 Jun 2019 06:55
 Operator : HP/JU
 Sample : K3590-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB7

Manual Integrations
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mohammad
 7/1/2019 2:44:10 PM

Quant Time: Jul 01 01:05:50 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	277240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1251182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	814107	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1861207	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1323205	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1448437	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	20960	3.59	ng/uL	0.00
5) Phenol-d5	6.93	99	506759	21.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	284622	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	419031	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	438870	21.79	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	224394	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	266296	23.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	524271	22.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	494314	20.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1671202	22.72	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1988361	22.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	207766	17.36	ng/ul	0.00
57) Fluorene-d10	15.40	176	1458526	22.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	168136	14.70	ng/ul	0.00
70) Anthracene-d10	17.25	188	2181186	22.55	ng/ul	0.00
78) Pyrene-d10	19.54	212	2141874	26.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1949497	22.81	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.96	94	24544	1.075 ng/ul	89
44) Dimethylphthalate	13.86	163	312386	4.665 ng/ul	98
69) Phenanthrene	17.19	178	261243	2.538 ng/ul	99
76) Fluoranthene	19.21	202	755270	6.791 ng/ul	99
79) Pyrene	19.57	202	660480	7.061 ng/ul	100
82) Benzo(a)anthracene	21.32	228	302056	3.348 ng/ul	97
84) Chrysene	21.37	228	346079	4.096 ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	517820	5.644 ng/ul#	94
88) Benzo(k)fluoranthene	22.96	252	150993m	1.711 ng/ul	
90) Benzo(a)pyrene	23.51	252	311707	3.609 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	250717	2.465 ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	233014	2.782 ng/ul	98

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

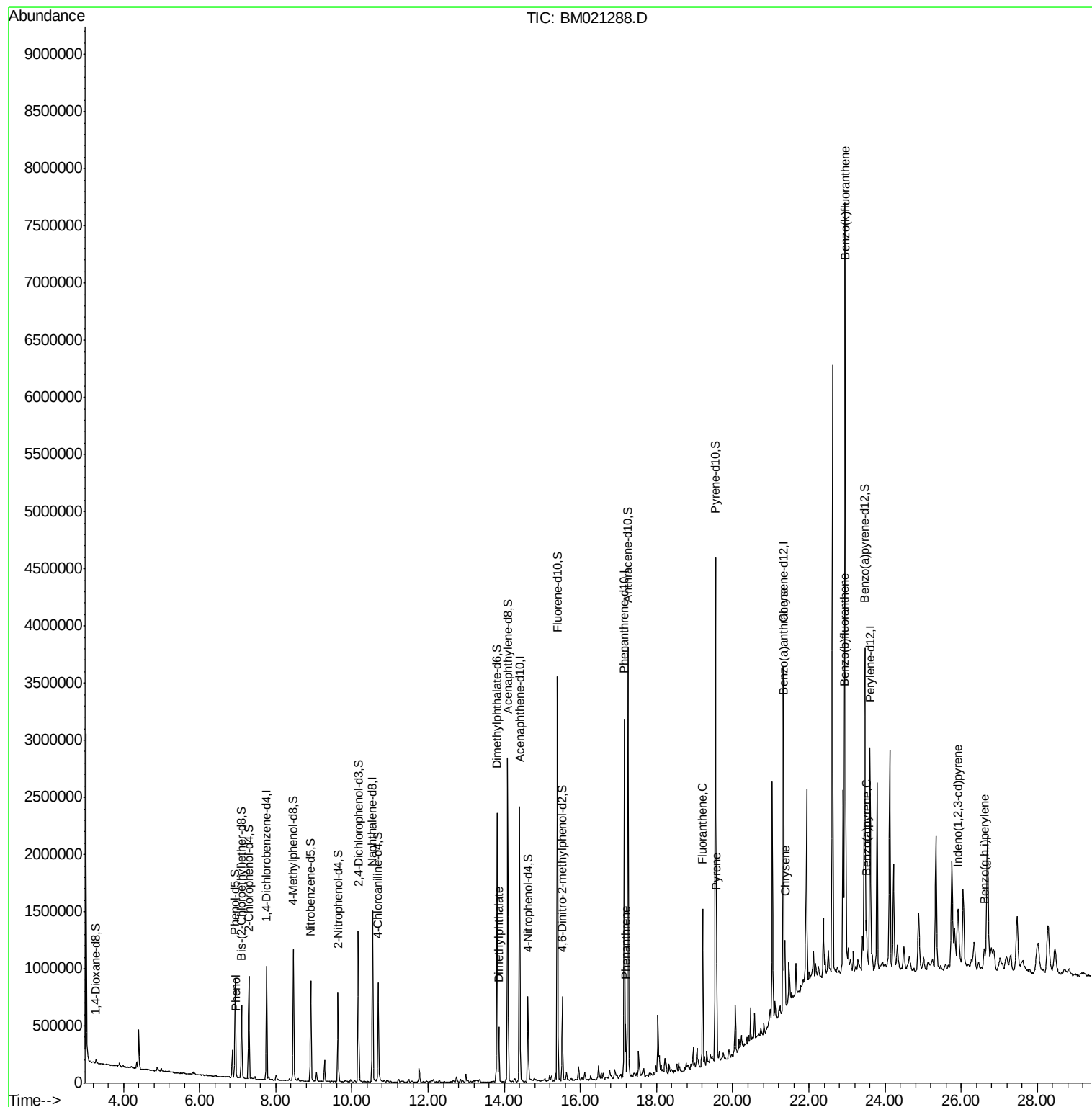
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021288.D
Acq On : 30 Jun 2019 06:55
Operator : HP/JU
Sample : K3590-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

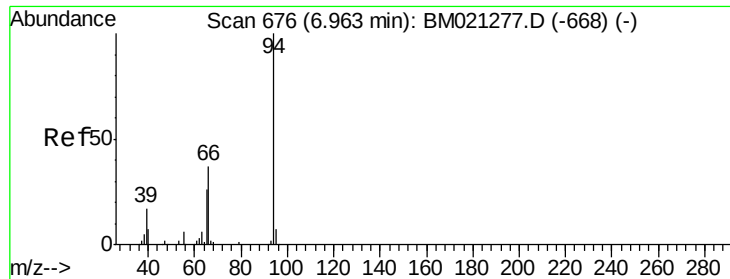
Instrument :
BNA_M
ClientSampleId :
C5BB7

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Quant Time: Jul 01 01:05:50 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





#6

Phenol

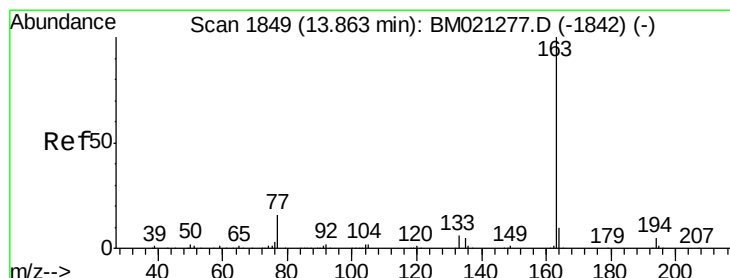
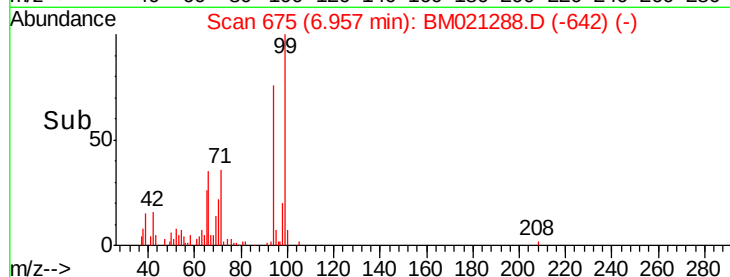
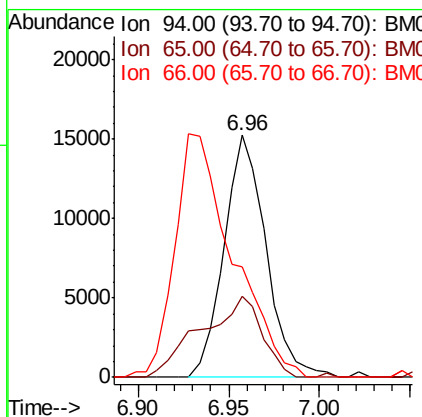
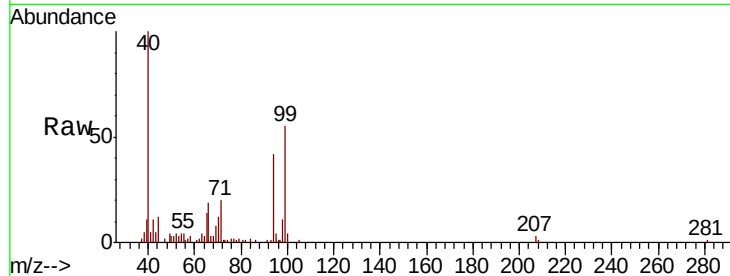
Concen: 1.075 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021288.D
 Acq: 30 Jun 2019 06:55

Instrument :
 BNA_M
 ClientSampleId :
 C5BB7

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.7	22.6	34.0
66	45.7	31.2	46.8

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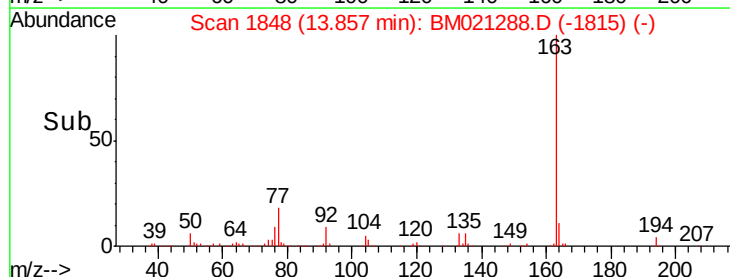
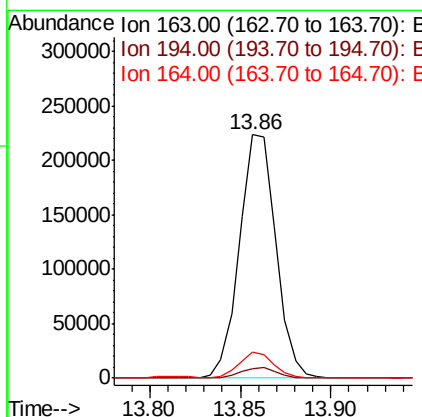
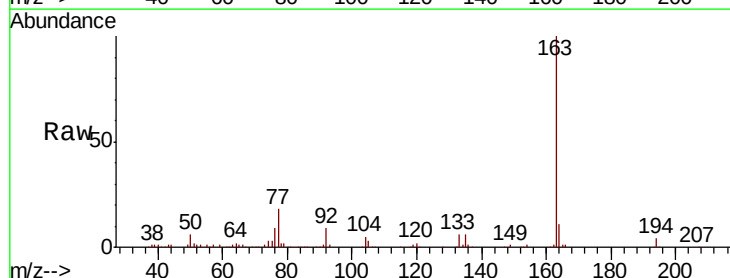


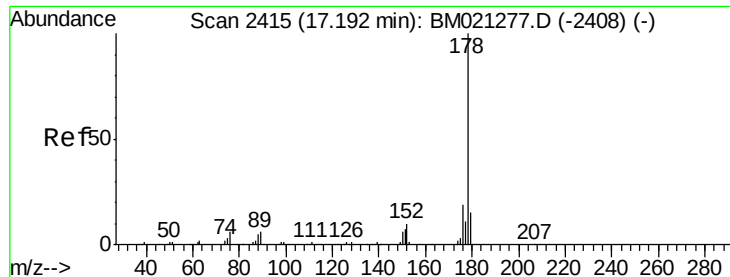
#44

Dimethylphthalate

Concen: 4.665 ng/ul
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM021288.D
 Acq: 30 Jun 2019 06:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.6	7.7	11.5





#69

Phenanthrene

Concen: 2.538 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

Instrument :

BNA_M

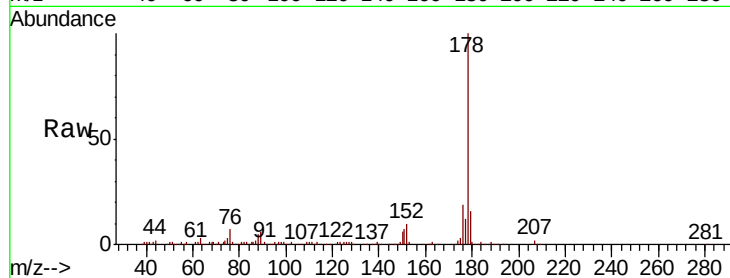
ClientSampleId :

C5BB7

Tot Ion:	178	Resp:	261243
Ion Ratio	Lower	Upper	
178	100		
179	16.1	11.8	17.8
176	18.9	15.0	22.6

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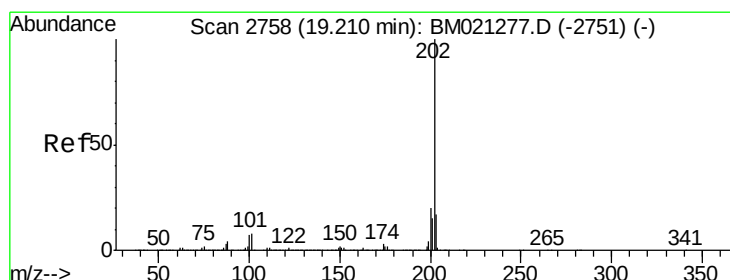
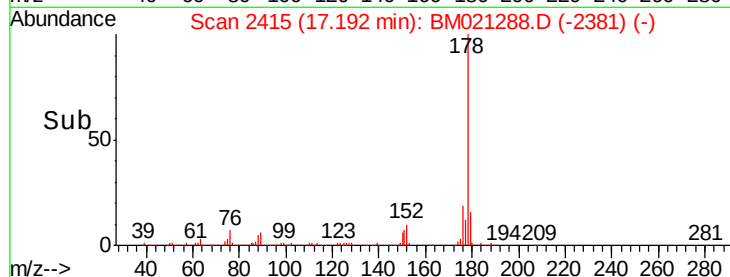
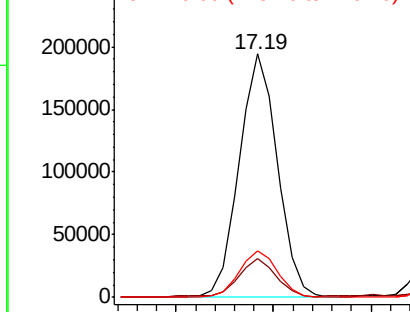


Abundance

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: 6.791 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

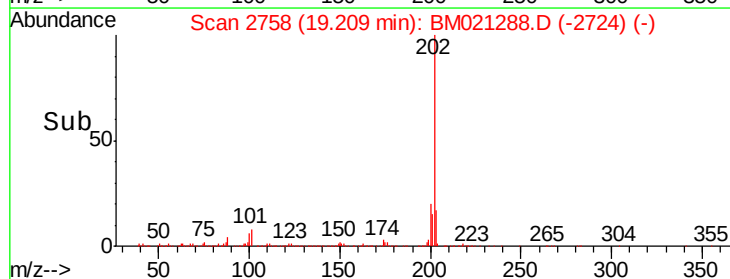
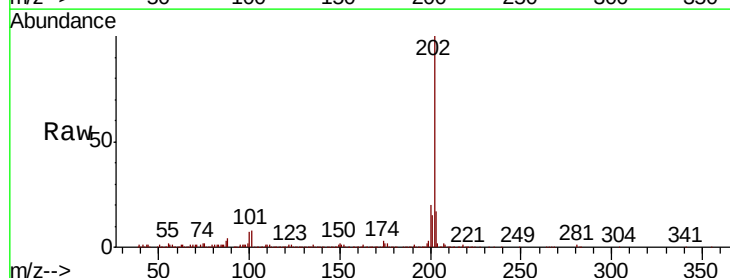
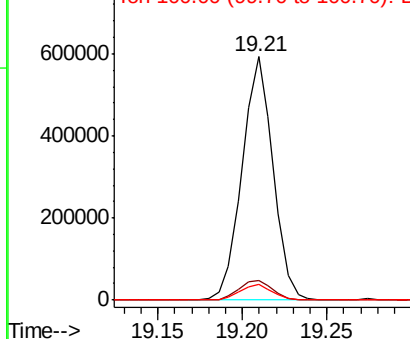
Tgt Ion:	202	Resp:	755270
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.7	10.1
100	6.5	5.5	8.3

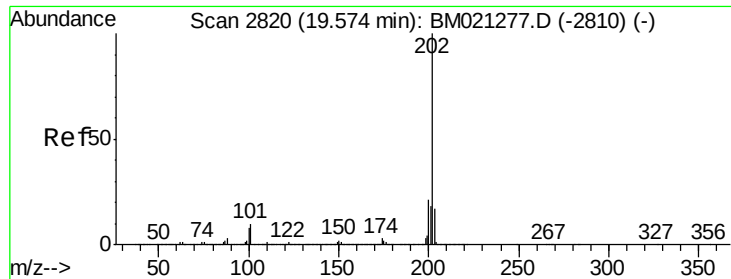
Abundance

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





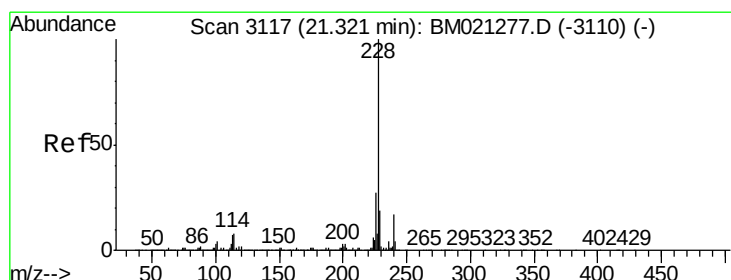
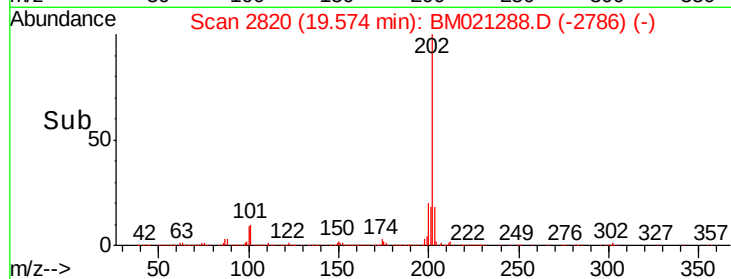
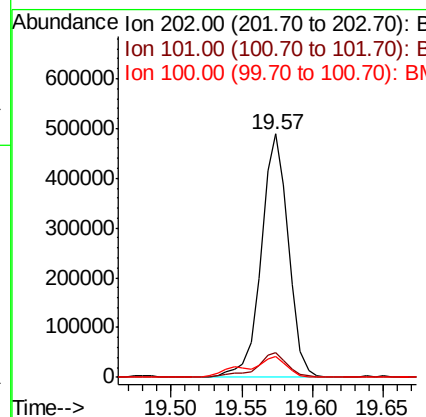
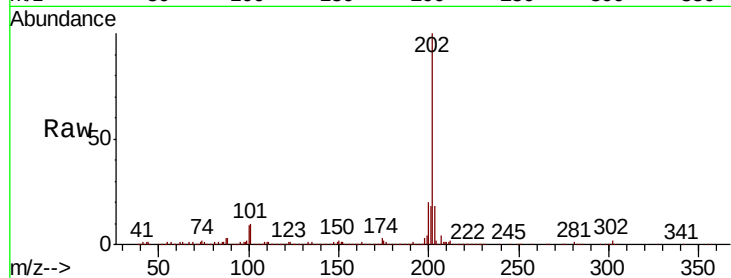
#79
Pvrene
Concen: 7.061 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BM021288.D
Acq: 30 Jun 2019 06:55

Instrument :
BNA_M
ClientSampleId :
C5BB7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	8.1	12.1
100	8.5	6.6	10.0

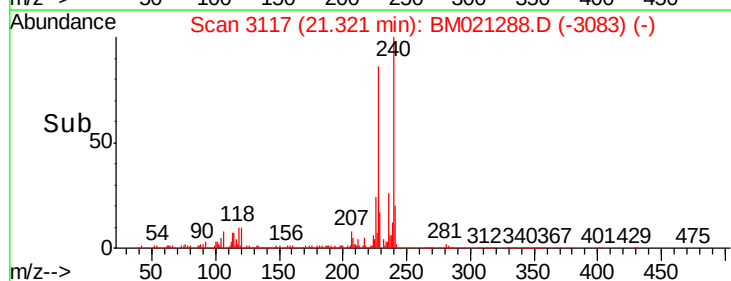
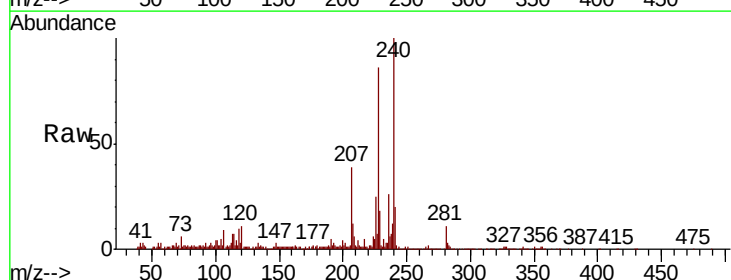
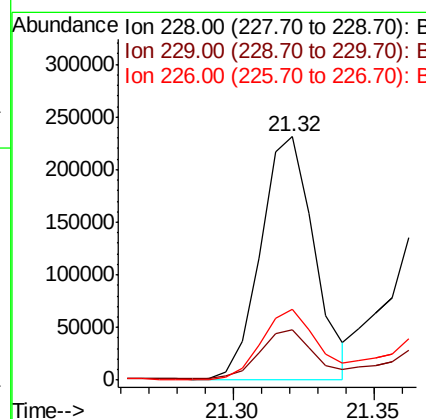
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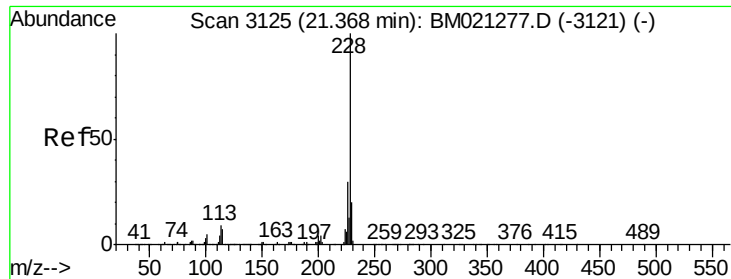
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#82
Benzo(a)anthracene
Concen: 3.348 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM021288.D
Acq: 30 Jun 2019 06:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.9	21.4	32.2





#84

Chrysene

Concen: 4.096 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

Instrument :

BNA_M

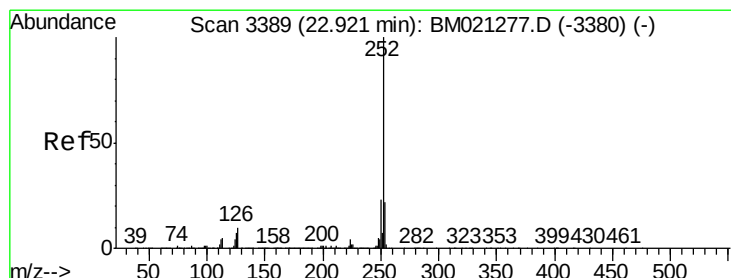
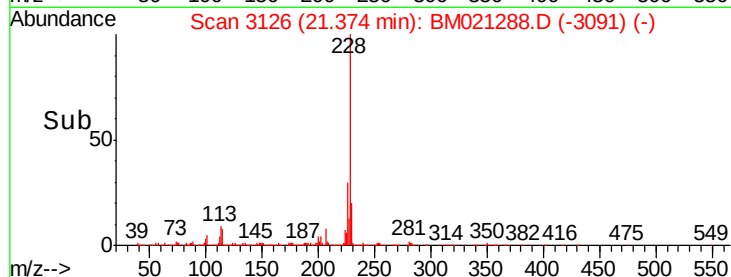
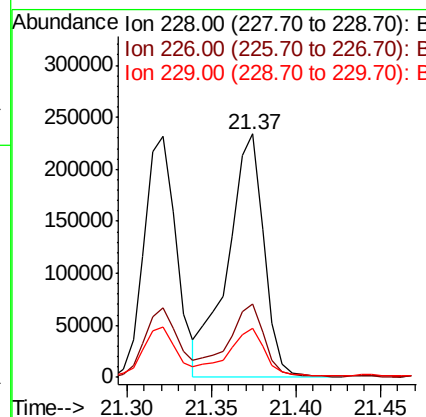
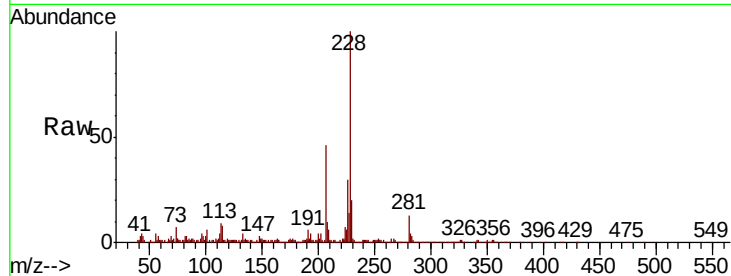
ClientSampleId :

C5BB7

Tot Ion:	228	Resp:	346079
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.9	35.9
229	20.2	15.4	23.2

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 5.644 ng/ul

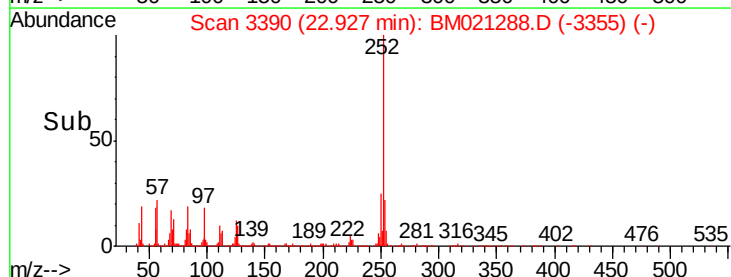
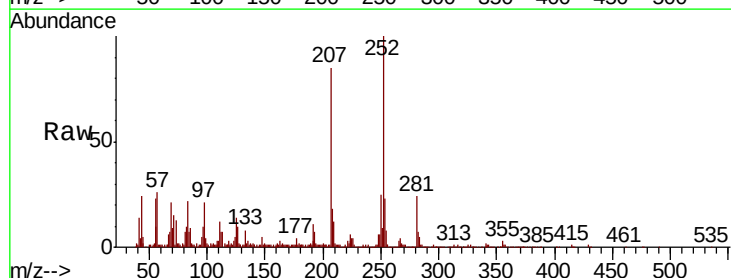
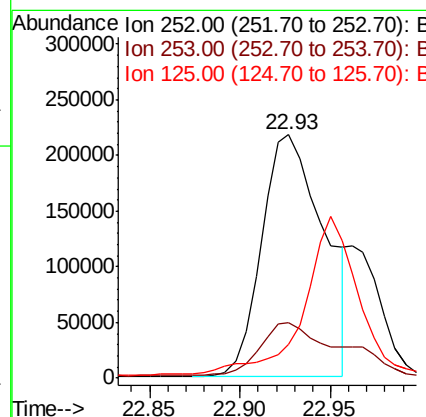
RT: 22.93 min Scan# 3390

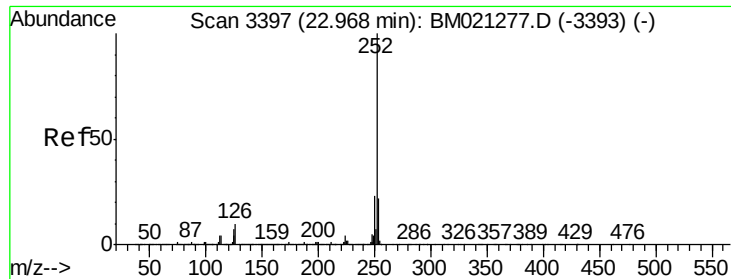
Delta R.T. 0.01 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

Tgt Ion:	252	Resp:	517820
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	13.8	6.3	9.5#





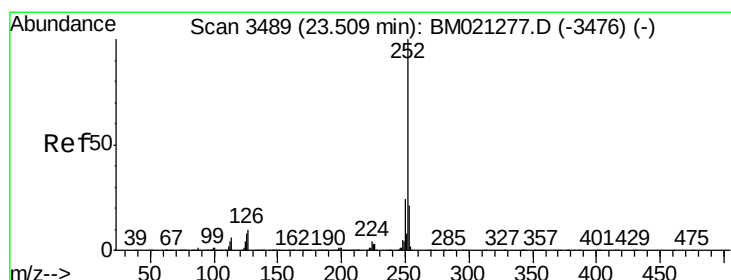
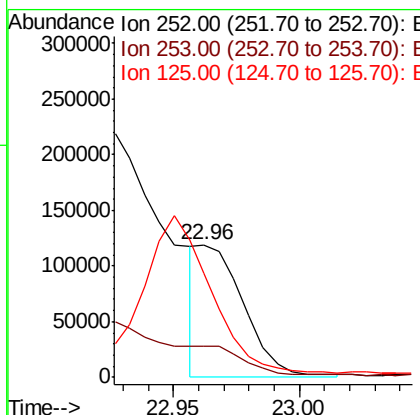
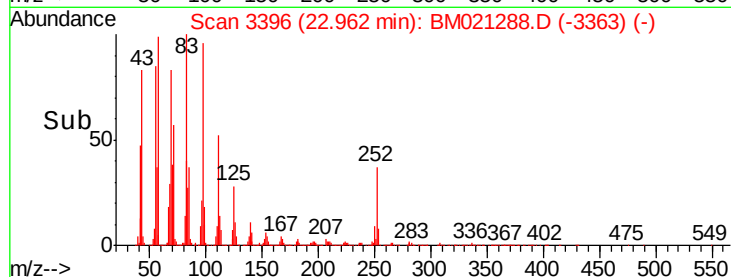
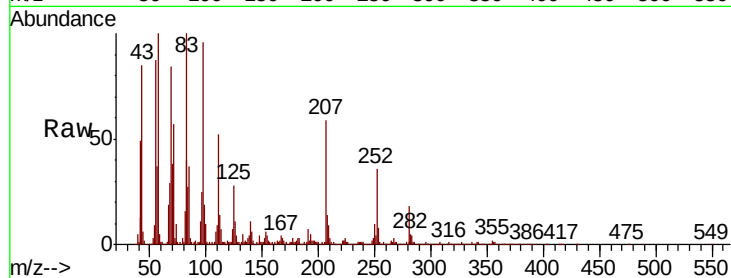
#88
Benzo(k)fluoranthene
Concen: 1.711 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM021288.D
Acq: 30 Jun 2019 06:55

Instrument :
BNA_M
ClientSampleId :
C5BB7

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.1	17.5	26.3	
125	78.2	6.6	9.8	

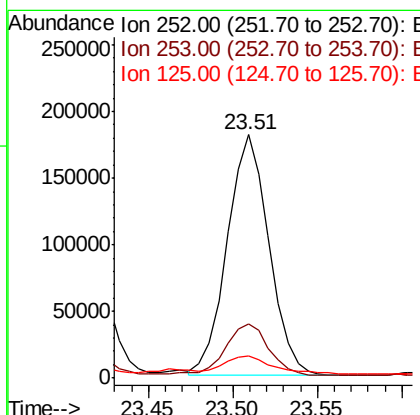
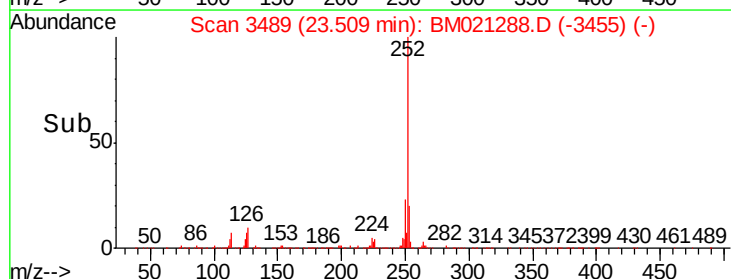
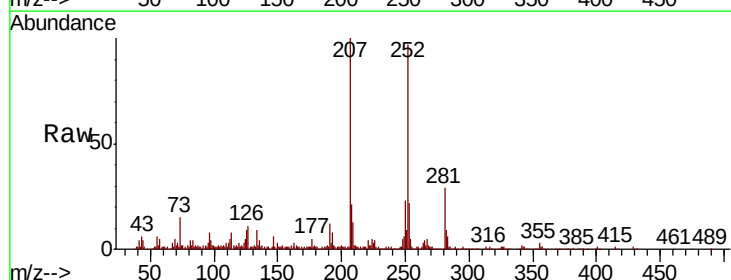
Manual Integrations
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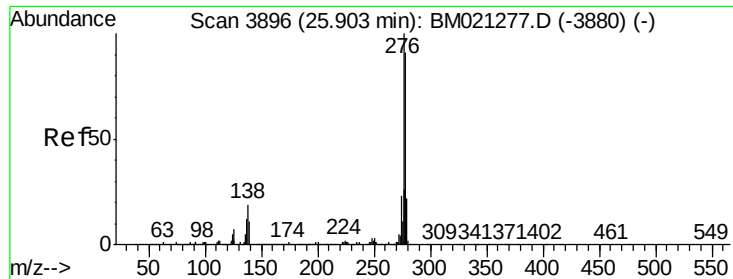
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#90
Benzo(a)pyrene
Concen: 3.609 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BM021288.D
Acq: 30 Jun 2019 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.2	17.8	26.8	
125	9.1	7.2	10.8	





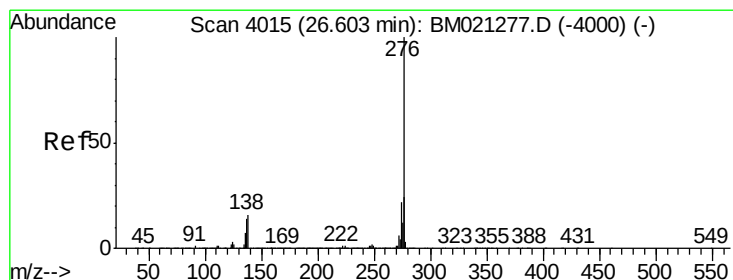
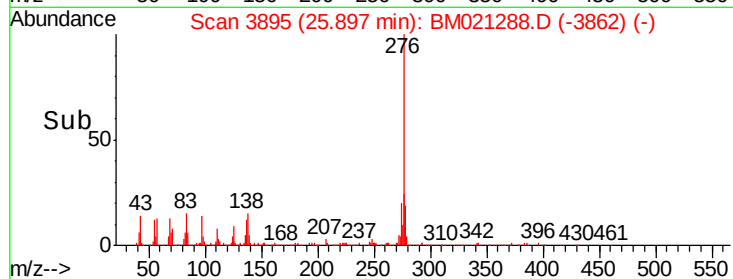
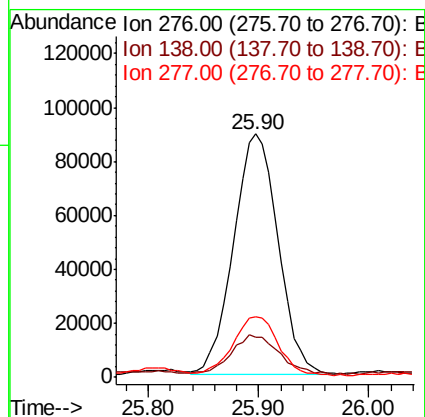
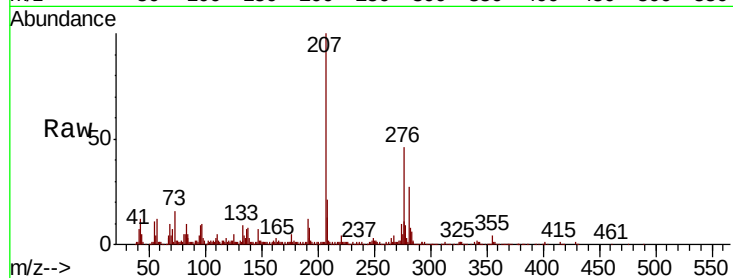
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.465 ng/ul
 RT: 25.90 min Scan# 3895
 Delta R.T. -0.01 min
 Lab File: BM021288.D
 Acq: 30 Jun 2019 06:55

Instrument :
 BNA_M
 ClientSampleId :
 C5BB7

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.9	23.9
277	24.9	20.4	30.6

Manual Integrations
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#93
 Benzo(g,h,i)perylene
 Concen: 2.782 ng/ul
 RT: 26.60 min Scan# 4015
 Delta R.T. -0.00 min
 Lab File: BM021288.D
 Acq: 30 Jun 2019 06:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.6	21.8
277	24.0	18.9	28.3

