

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022280.D
 Acq On : 24 Aug 2019 06:00
 Operator : HP/JU
 Sample : K4242-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Manual Integrations
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Quant Time: Aug 25 01:43:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 25 01:20:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	39735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	172277	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	119250	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	273170	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	316384	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	272998	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	2612	2.94	ng/uL	0.00
5) Phenol-d5	6.75	99	67200	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	40349	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	57964	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	51923	17.47	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	29406	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	33093	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	67089	22.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	61213	16.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	236140	22.49	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	253110	22.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	21427	13.77	ng/ul	0.01
57) Fluorene-d10	15.22	176	200577	23.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	22439	10.65	ng/ul	0.00
70) Anthracene-d10	17.07	188	335796	23.21	ng/ul	0.00
78) Pyrene-d10	19.38	212	448636	27.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	382121	25.48	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	6.77	94	4921	1.340	ng/ul#	71
44) Dimethylphthalate	13.69	163	61773	5.781	ng/ul	100
69) Phenanthrene	17.02	178	22826m	1.397	ng/ul	
76) Fluoranthene	19.04	202	107148	4.351	ng/ul	99
79) Pyrene	19.41	202	89544	4.373	ng/ul	99
82) Benzo(a)anthracene	21.17	228	49768	2.090	ng/ul	96
84) Chrysene	21.22	228	52155	2.342	ng/ul	96
87) Benzo(b)fluoranthene	22.72	252	65494	3.449	ng/ul#	93
88) Benzo(k)fluoranthene	22.76	252	21545	1.170	ng/ul#	90
90) Benzo(a)pyrene	23.28	252	39774	2.197	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.56	276	29279	1.393	ng/ul	97

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

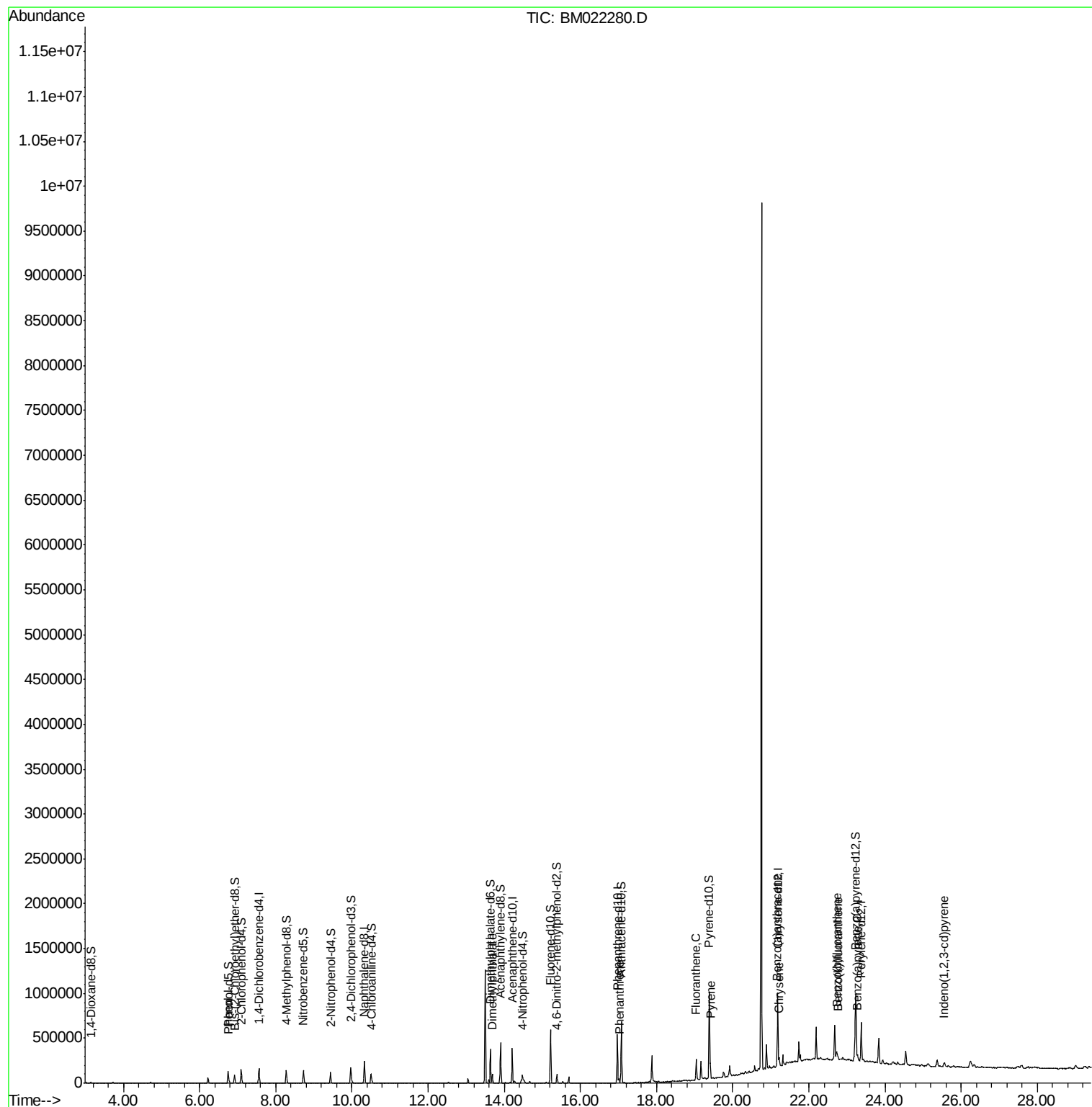
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022280.D
Acq On : 24 Aug 2019 06:00
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ALS Vial : 33 Sample Multiplier: 1

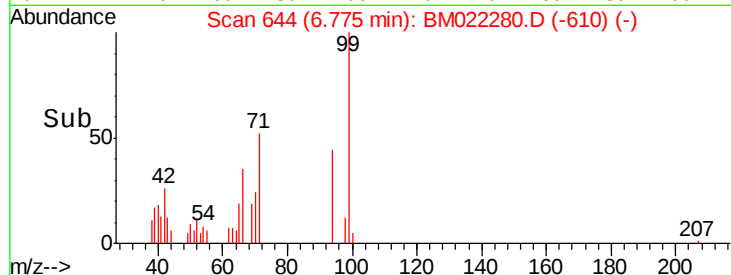
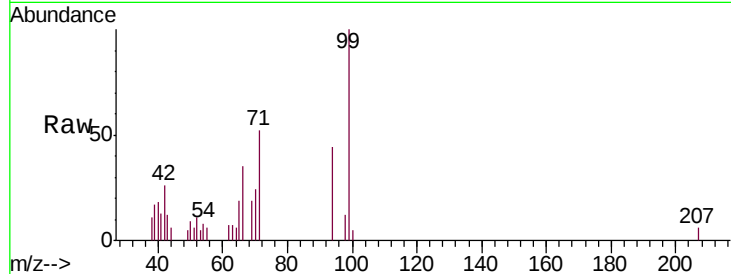
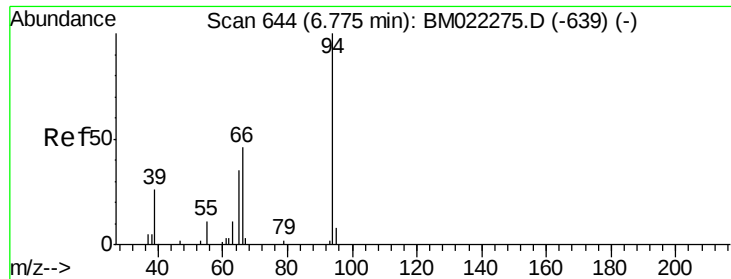
Instrument :
BNA_M
ClientSampleId :
C0AF9

Quant Time: Aug 25 01:43:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
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#6

Phenol

Concen: 1.340 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Tot Ion:	94	Resp:	4921
Ion	Ratio	Lower	Upper
94	100		
65	42.8	29.2	43.8
66	79.5	40.6	60.8#

Instrument :

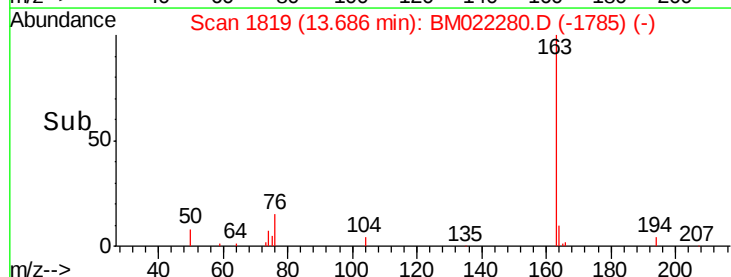
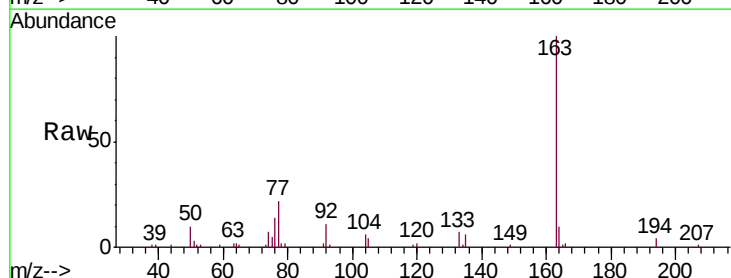
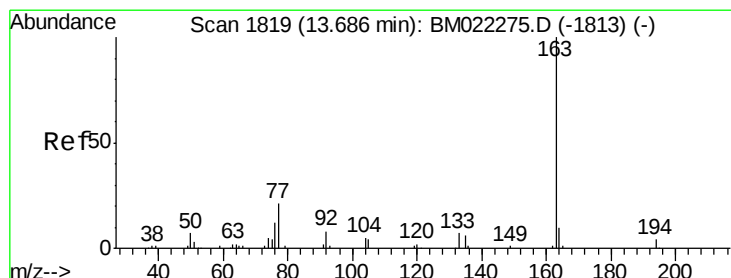
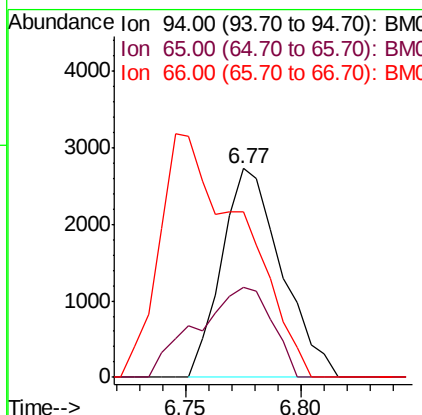
BNA_M

ClientSampleId :

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#44

Dimethylphthalate

Concen: 5.781 ng/ul

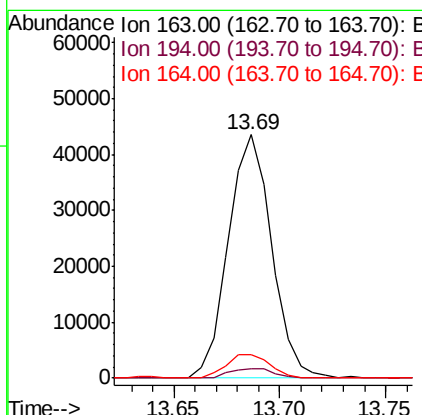
RT: 13.69 min Scan# 1819

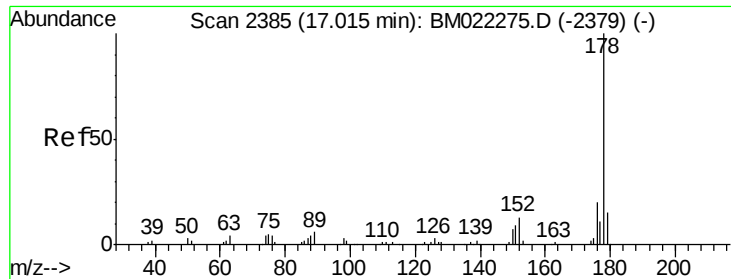
Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Tgt Ion:	163	Resp:	61773
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.7	7.8	11.8





#69

Phenanthrene

Concen: 1.397 ng/ul m

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Instrument :

BNA_M

ClientSampleId :

C0AF9

Tot Ion:178 Resp: 22826

Ion Ratio Lower Upper

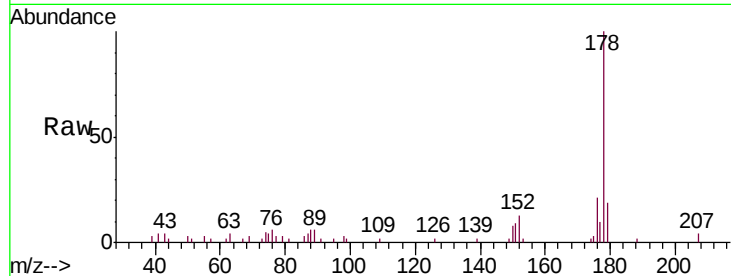
178 100

179 19.0 12.4 18.6#

176 20.7 15.4 23.0

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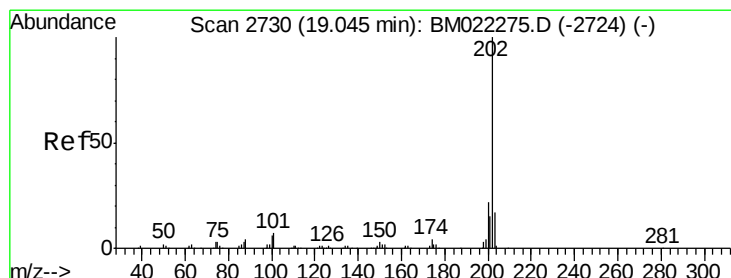
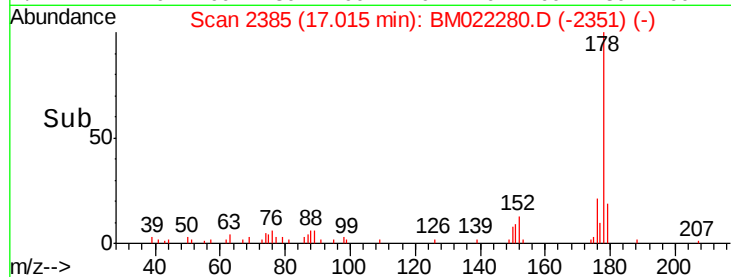
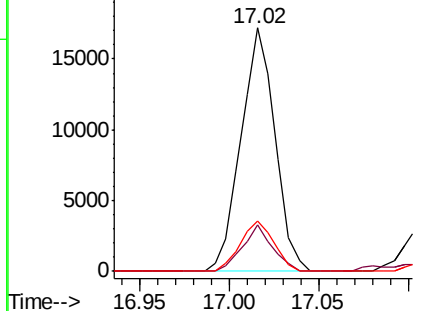
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 4.351 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

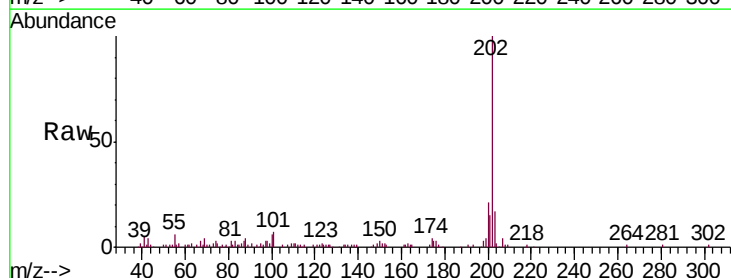
Tgt Ion:202 Resp: 107148

Ion Ratio Lower Upper

202 100

101 7.2 5.3 7.9

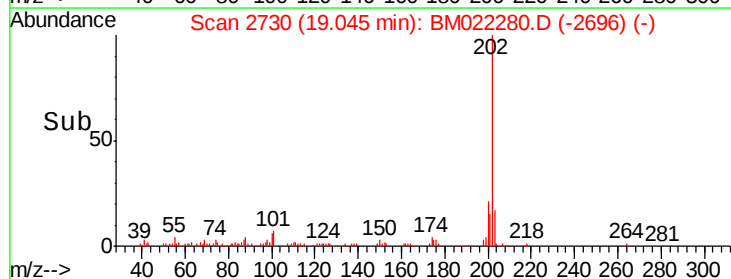
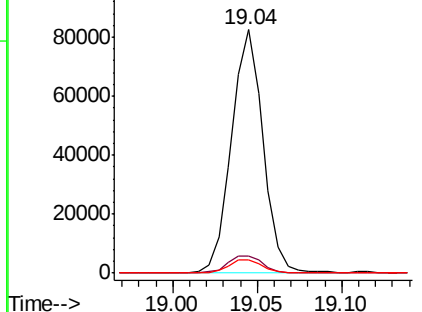
100 5.6 4.6 6.8

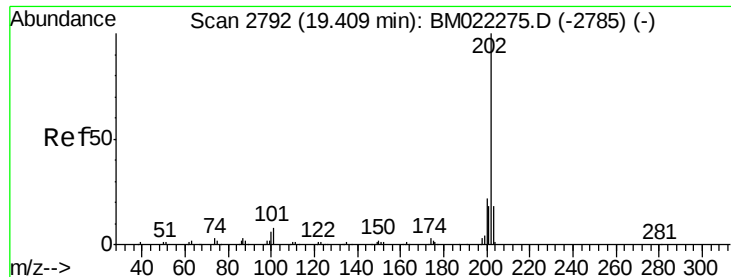


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 4.373 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Instrument :

BNA_M

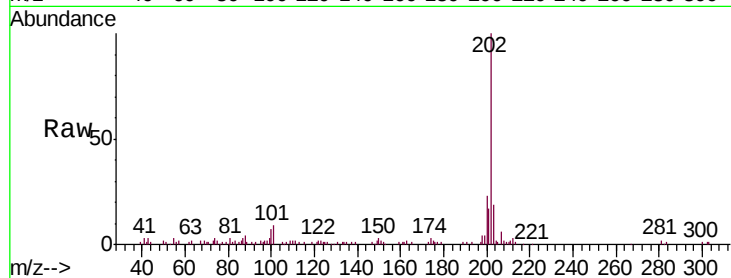
ClientSampleId :

C0AF9

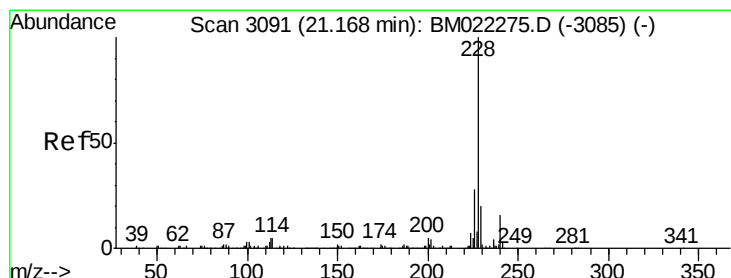
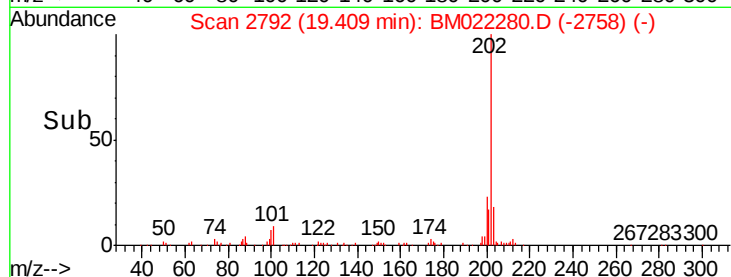
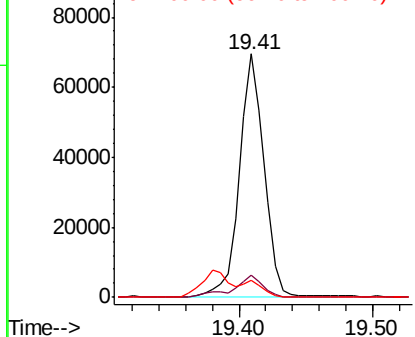
Tot Ion:	202	Resp:	89544
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.0	10.4
100	7.0	5.8	8.8

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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): B



#82

Benzo(a)anthracene

Concen: 2.090 ng/ul

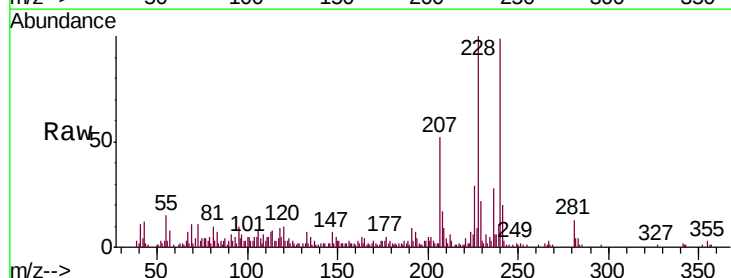
RT: 21.17 min Scan# 3091

Delta R.T. 0.00 min

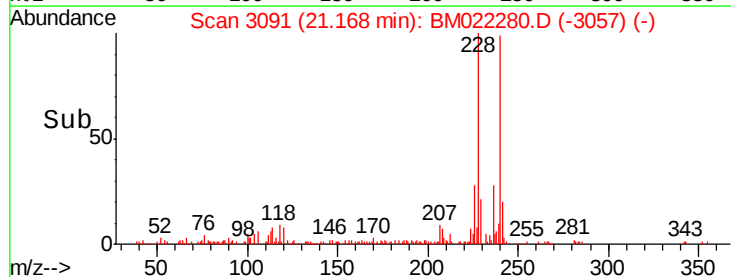
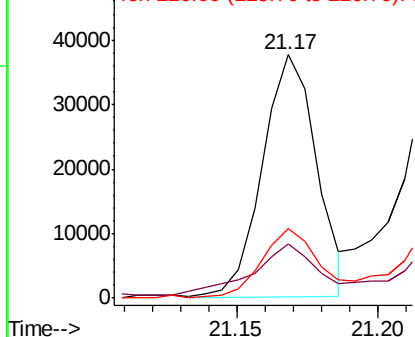
Lab File: BM022280.D

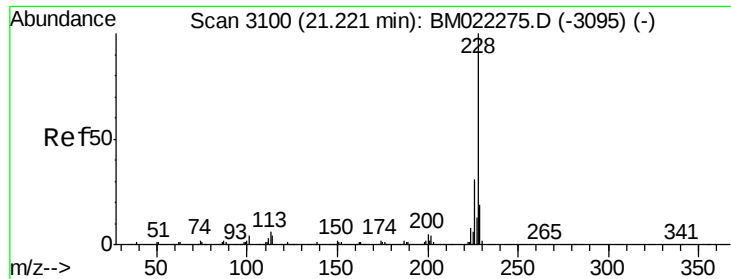
Acq: 24 Aug 2019 06:00

Tgt Ion:	228	Resp:	49768
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.2	22.8
226	28.5	22.3	33.5



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





#84

Chrysene

Concen: 2.342 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Instrument :

BNA_M

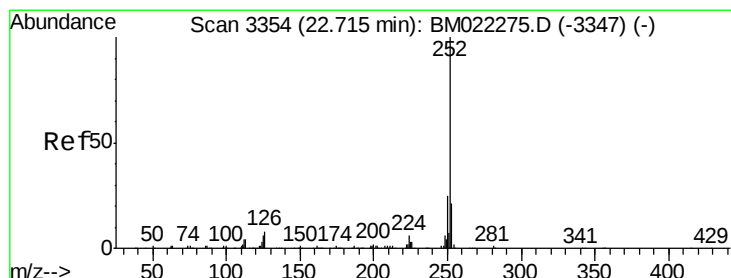
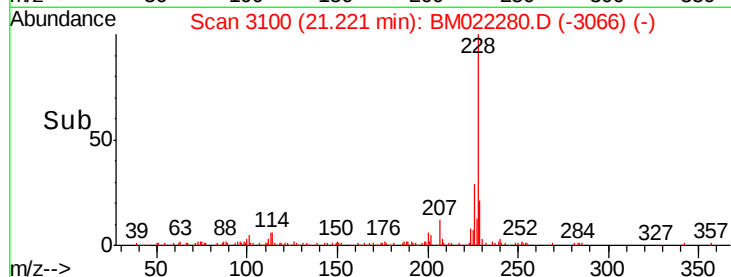
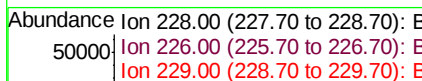
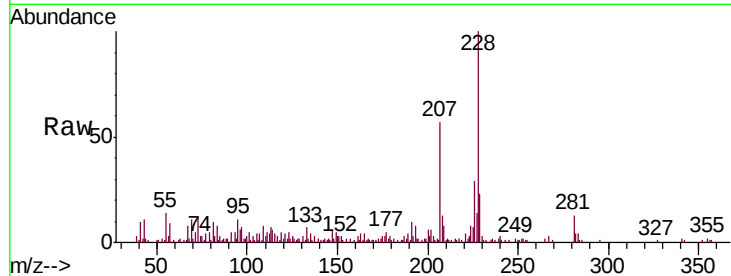
ClientSampleID :

C0AF9

Tot Ion:	228	Resp:	52155
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.7	37.1
229	22.5	15.7	23.5

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#87

Benzo(b)fluoranthene

Concen: 3.449 ng/ul

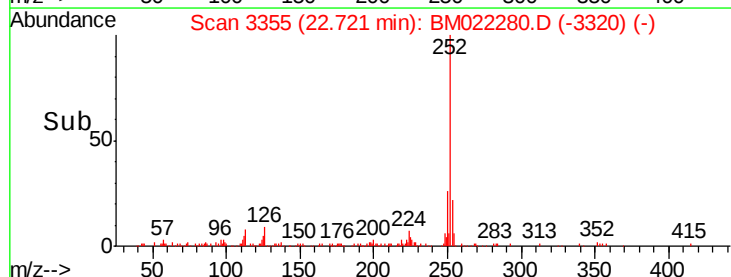
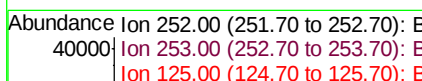
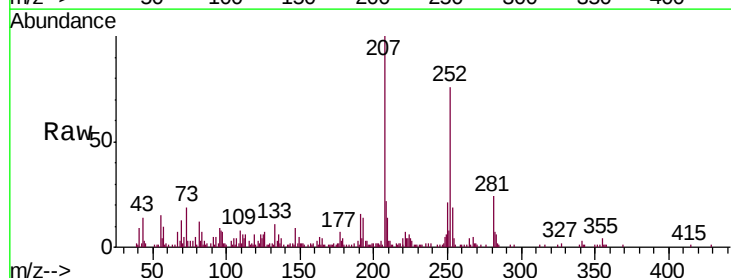
RT: 22.72 min Scan# 3355

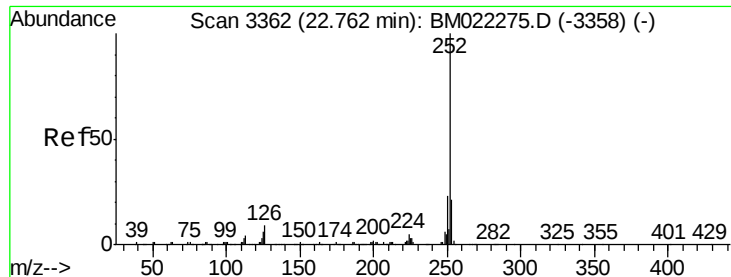
Delta R.T. 0.01 min

Lab File: BM022280.D

Acq: 24 Aug 2019 06:00

Tgt Ion:	252	Resp:	65494
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.0	25.6
125	8.4	5.2	7.8#





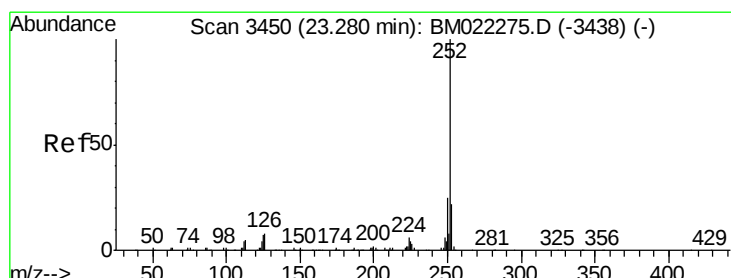
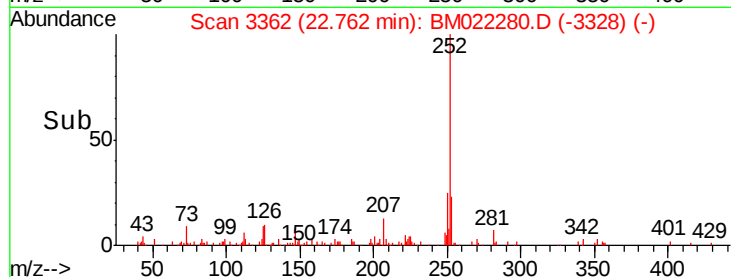
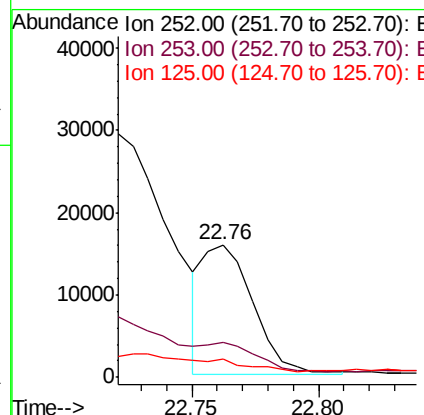
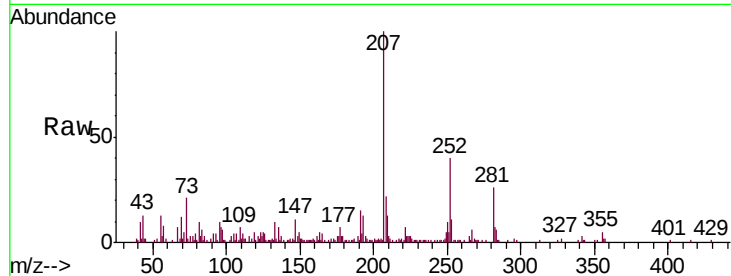
#88
Benzo(k)fluoranthene
Concen: 1.170 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BM022280.D
Acq: 24 Aug 2019 06:00

Instrument :
BNA_M
ClientSampled :
C0AF9

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.1	27.1
125	13.5	5.1	7.7#

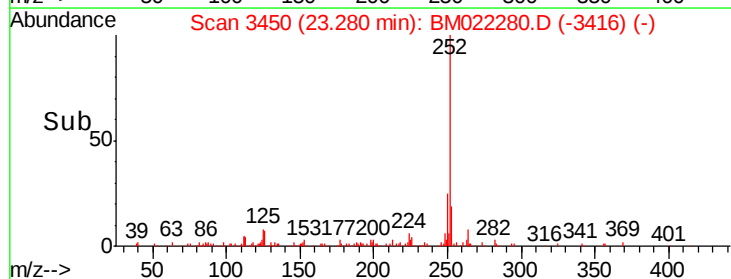
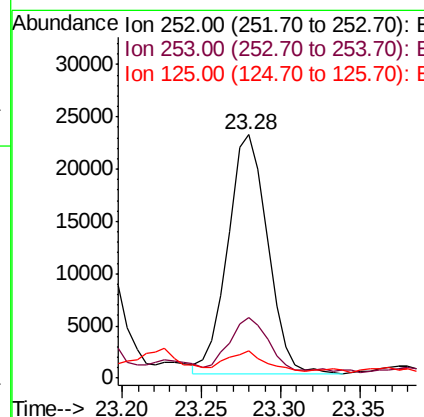
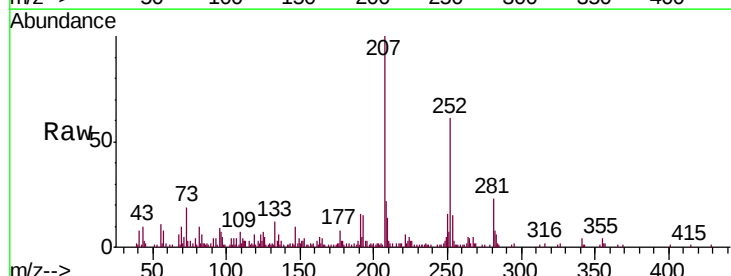
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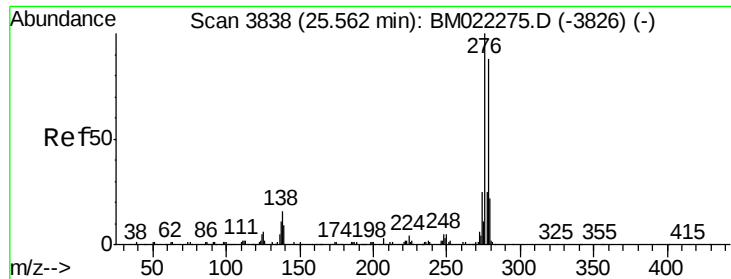
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#90
Benzo(a)pyrene
Concen: 2.197 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM022280.D
Acq: 24 Aug 2019 06:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.9	25.3
125	11.0	5.5	8.3#





#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.393 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. 0.00 min
 Lab File: BM022280.D
 Acq: 24 Aug 2019 06:00

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.6	18.8
277	25.9	20.2	30.2

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