

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024379.D
 Acq On : 30 Dec 2019 18:45
 Operator : JU
 Sample : K6322-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BT7

Manual Integrations
 APPROVED

mohammad
 12/31/2019 12:11:52 PM

Quant Time: Dec 31 03:50:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 31 03:12:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	201631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	815516	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	460891	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	935106	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	904125	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1099421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	11774m	2.58	ng/uL	0.01
5) Phenol-d5	6.62	99	170514	8.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	122383	10.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	140861	10.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	76128	4.88	ng/ul	0.01
19) Nitrobenzene-d5	8.57	128	58832	10.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	63119	9.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	110633	8.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	121882m	8.01	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	403182	11.83	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	456729	11.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	26086m	4.26	ng/ul	0.05
58) Fluorene-d10	15.08	176	353753	11.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	24254	4.25	ng/ul	0.01
71) Anthracene-d10	16.93	188	507110	11.92	ng/ul	0.00
79) Pyrene-d10	19.24	212	620865	14.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	746908	13.68	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.55	163	66300	1.872 ng/ul	99
70) Phenanthrene	16.87	178	151384	2.892 ng/ul	98
77) Fluoranthene	18.90	202	317281	5.561 ng/ul	100
80) Pyrene	19.27	202	263780	4.469 ng/ul	97
83) Benzo(a)anthracene	21.03	228	119647	2.077 ng/ul	99
85) Chrysene	21.09	228	127770	2.263 ng/ul	97
88) Benzo(b)fluoranthene	22.55	252	171308	2.604 ng/ul#	93
91) Benzo(a)pyrene	23.08	252	115445	1.940 ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.26	276	81418	1.139 ng/ul	96
94) Benzo(a,h,i)perylene	25.90	276	80199	1.375 ng/ul	95

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

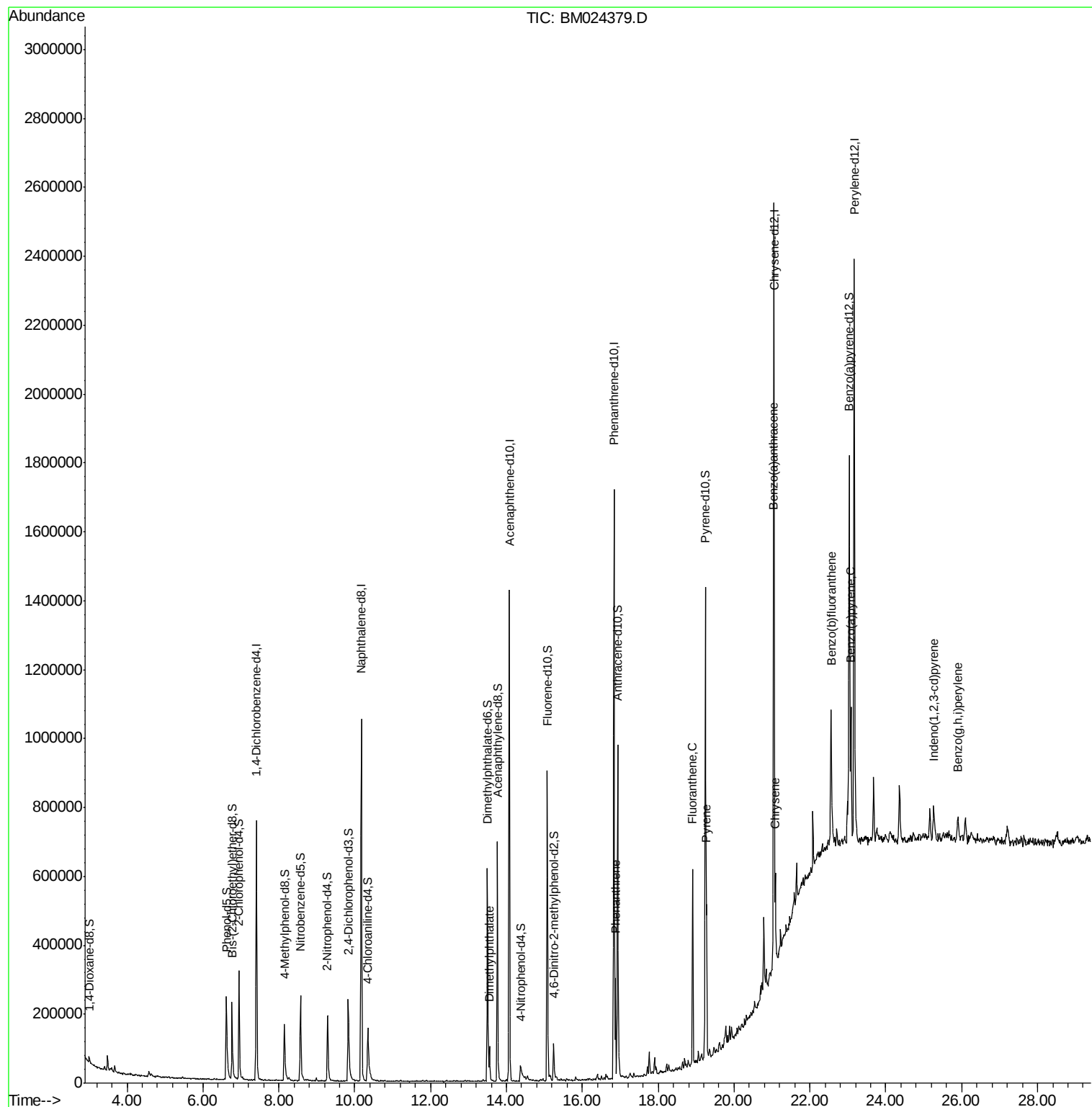
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024379.D
Acq On : 30 Dec 2019 18:45
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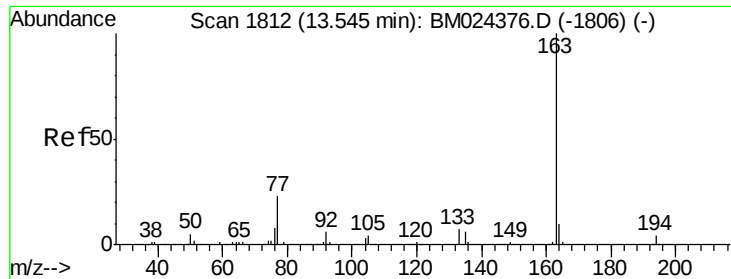
Instrument :
BNA_M
ClientSampleId :
C0BT7

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Quant Time: Dec 31 03:50:11 2019
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Quant Title : SVOA CALIBRATION
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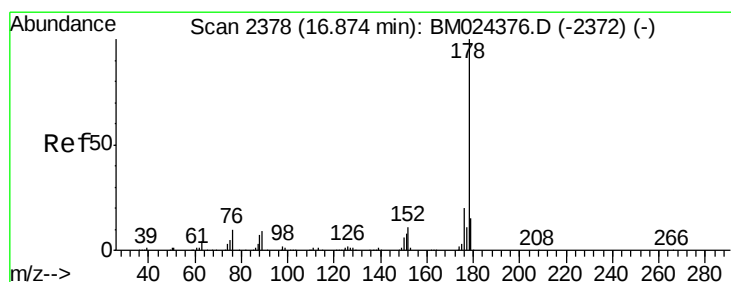
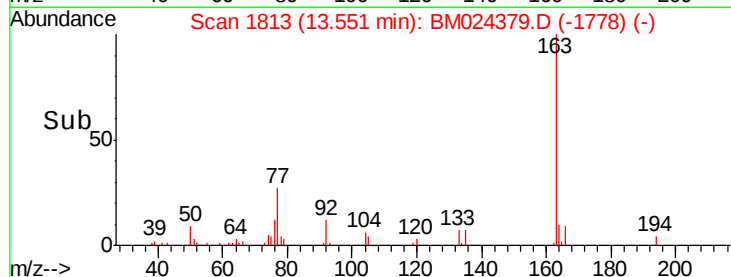
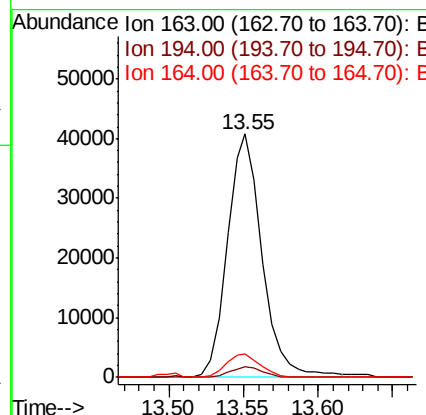
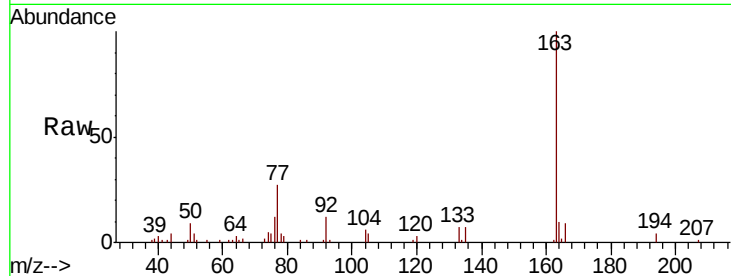
#45
Dimethylphthalate
Concen: 1.872 ng/ul
RT: 13.55 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.8	7.8	11.6

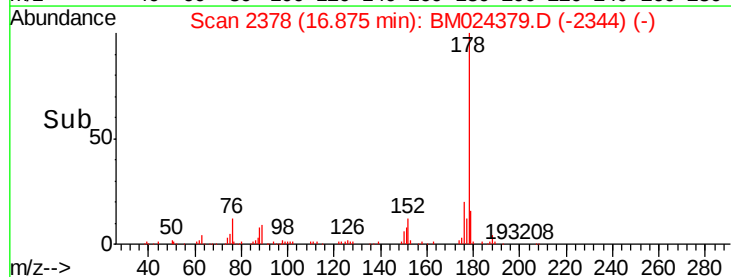
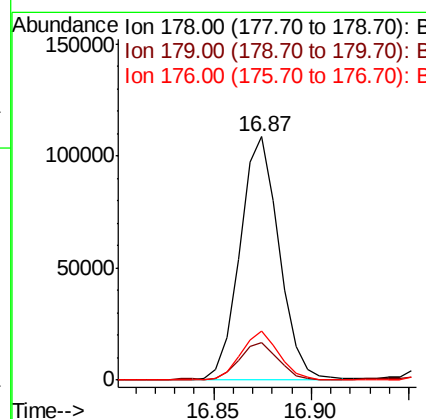
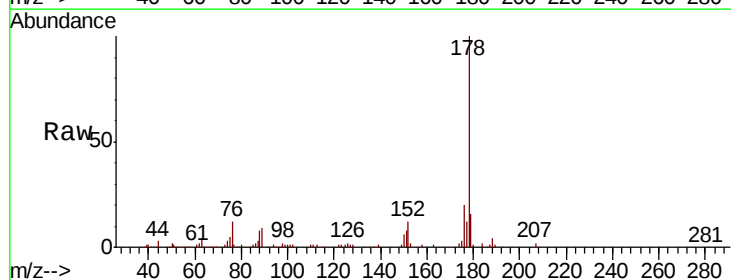
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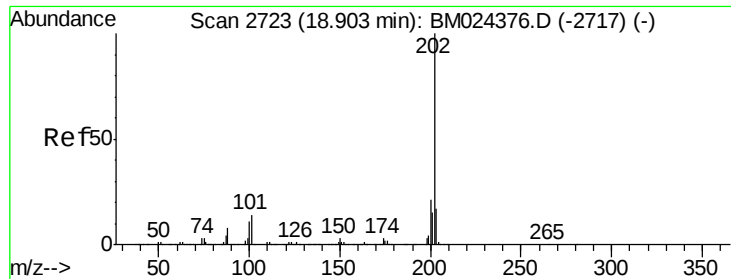
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#70
Phenanthrene
Concen: 2.892 ng/ul
RT: 16.87 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	20.0	15.1	22.7





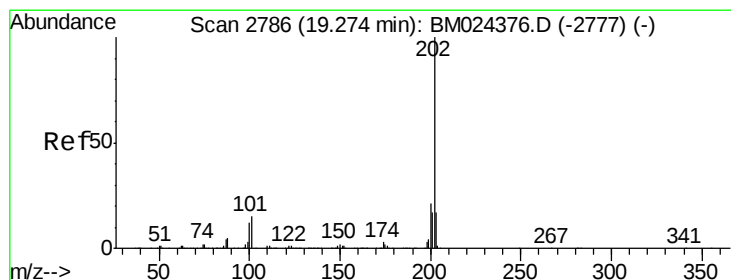
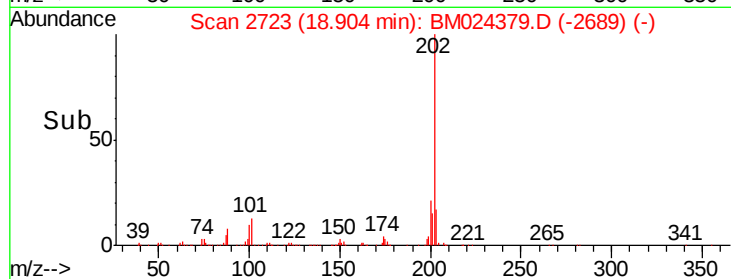
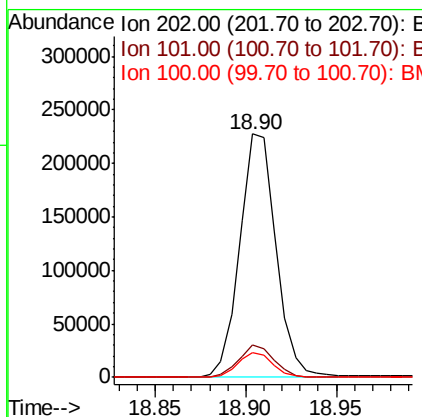
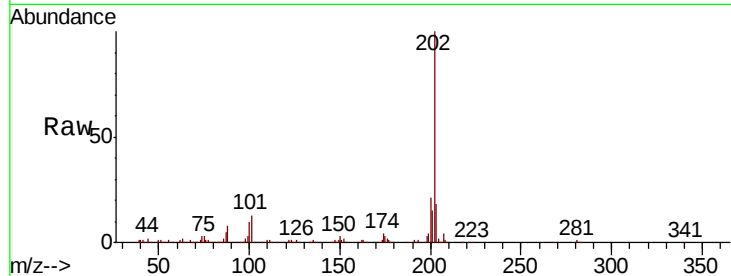
#77
Fluoranthene
 Concen: 5.561 ng/ul
 RT: 18.90 min Scan# 2723
 Delta R.T. 0.00 min
 Lab File: BM024379.D
 Acq: 30 Dec 2019 18:45

Instrument :
 BNA_M
 ClientSampleId :
 C0BT7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	317281		
101	13.4	10.6	15.8	
100	10.3	8.1	12.1	

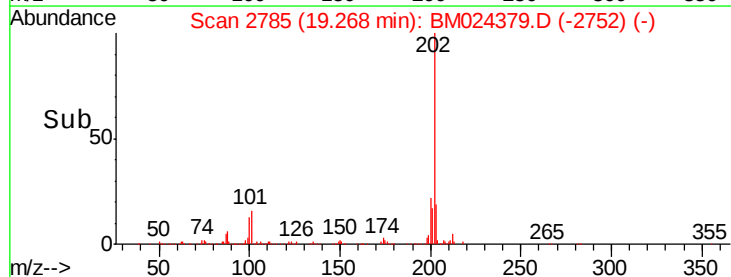
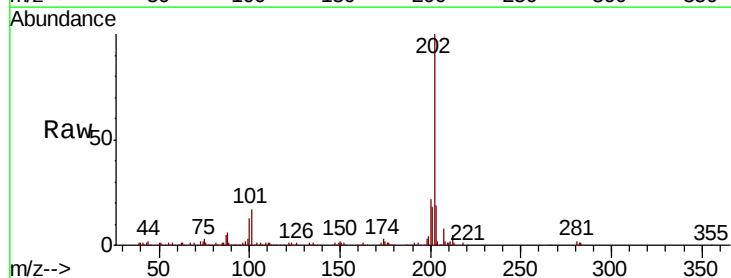
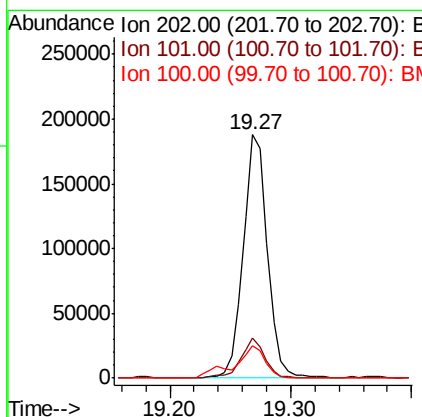
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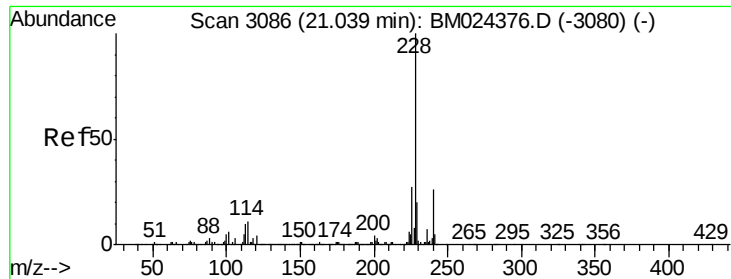
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#80
Pyrene
 Concen: 4.469 ng/ul
 RT: 19.27 min Scan# 2785
 Delta R.T. -0.01 min
 Lab File: BM024379.D
 Acq: 30 Dec 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	263780		
101	16.5	12.2	18.4	
100	13.4	10.0	15.0	





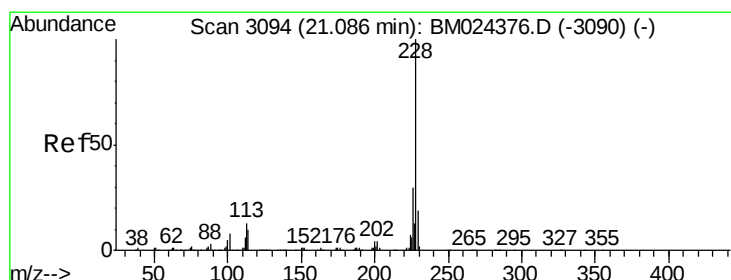
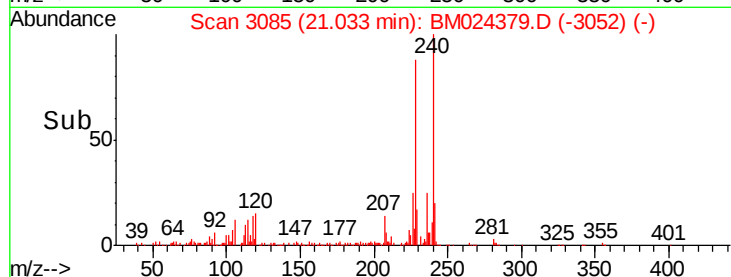
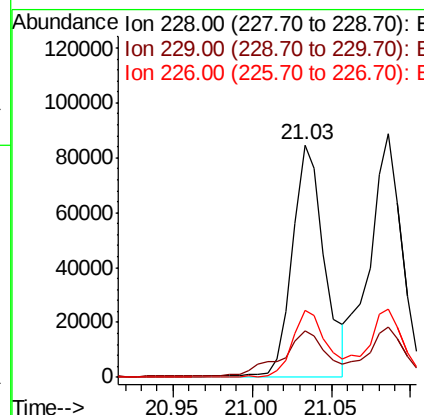
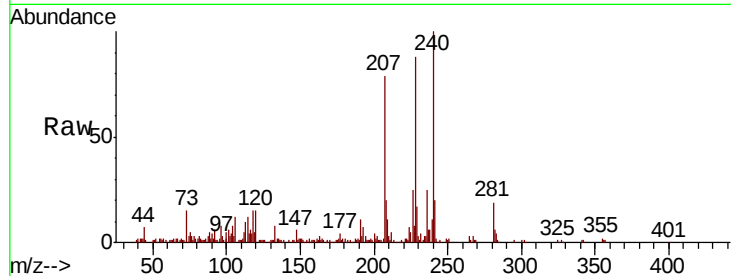
#83
Benzo(a)anthracene
Concen: 2.077 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	28.8	22.2	33.2

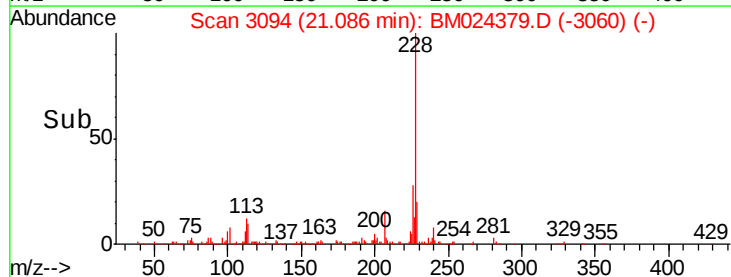
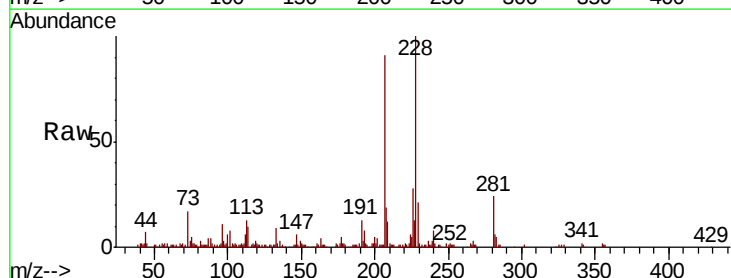
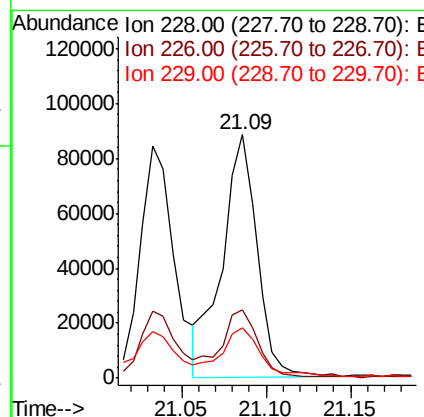
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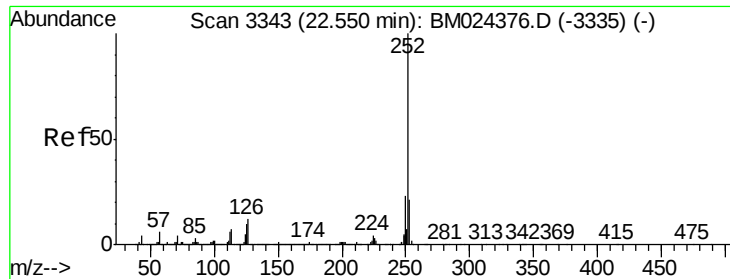
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#85
Chrysene
Concen: 2.263 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	20.5	15.4	23.2





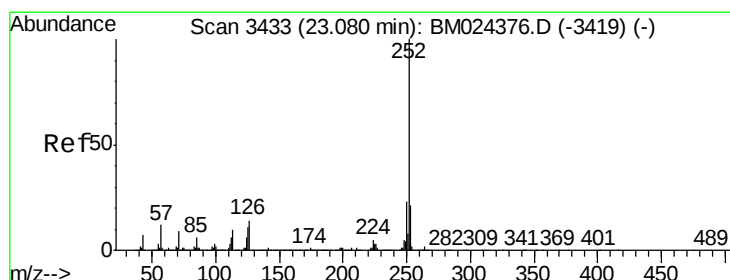
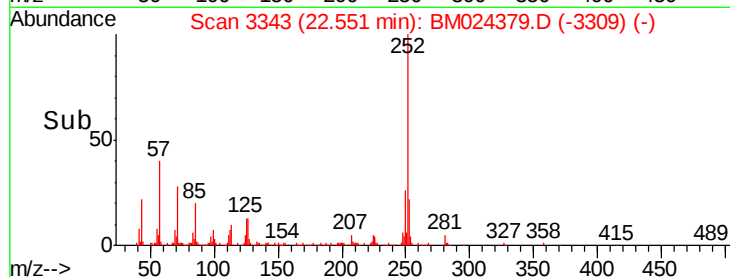
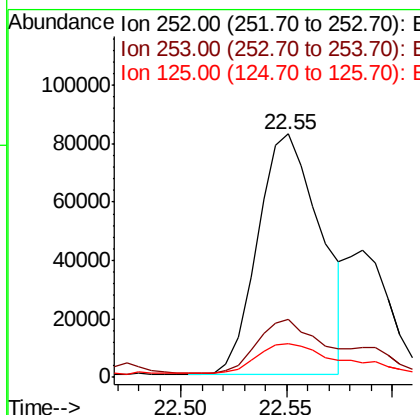
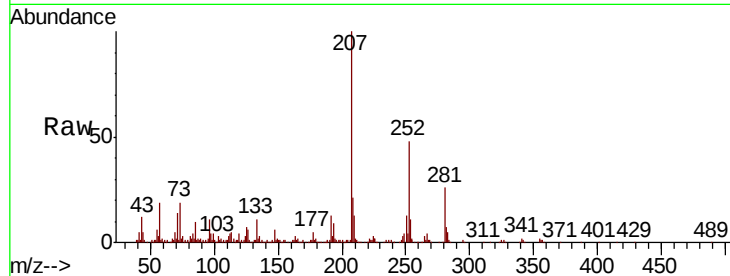
#88
Benzo(b)fluoranthene
Concen: 2.604 ng/ul
RT: 22.55 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Instrument :
BNA_M
ClientSampleId :
C0BT7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	13.9	7.8	11.8

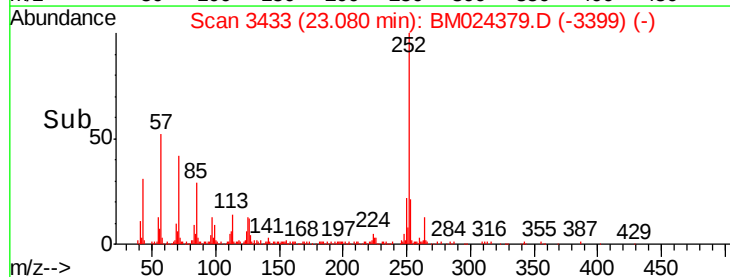
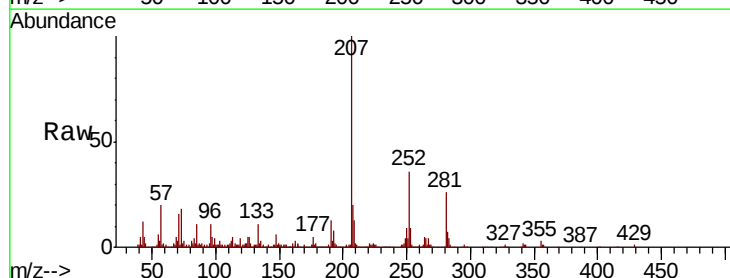
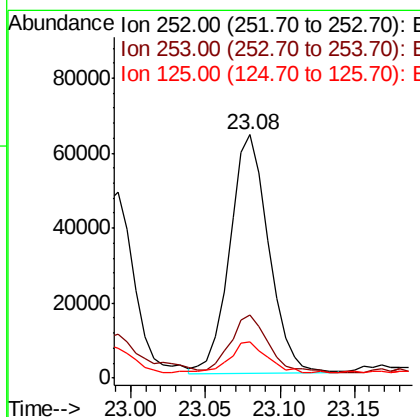
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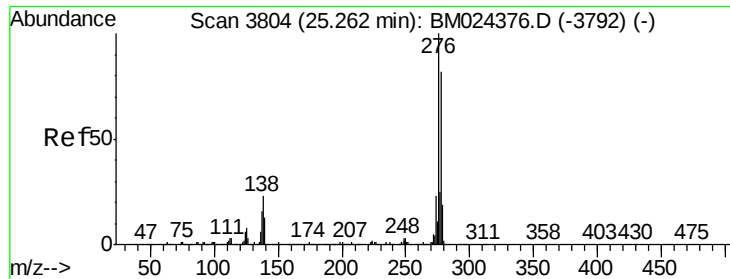
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#91
Benzo(a)pyrene
Concen: 1.940 ng/ul
RT: 23.08 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BM024379.D
Acq: 30 Dec 2019 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	14.8	8.2	12.4





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.139 ng/ul

RT: 25.26 min Scan# 3804

Delta R.T. 0.00 min

Lab File: BM024379.D

Acq: 30 Dec 2019 18:45

Instrument :

BNA_M

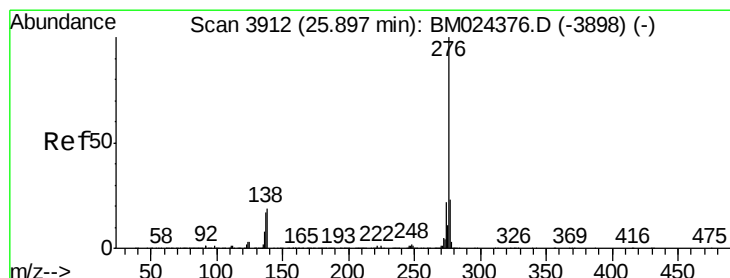
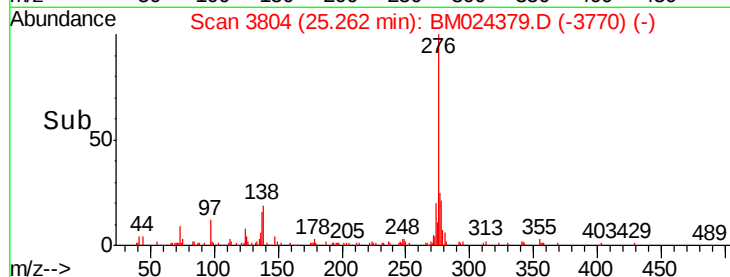
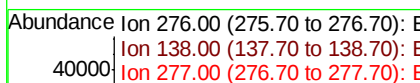
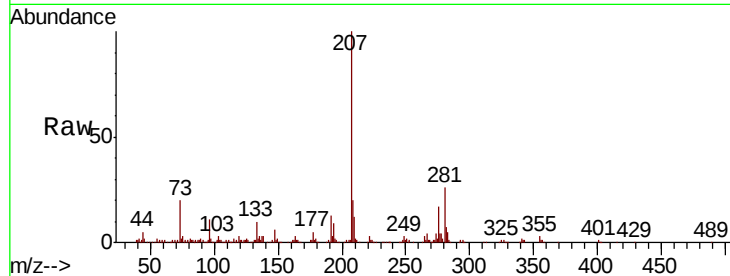
ClientSampleId :

C0BT7

Tot Ion:	276	Resp:	81418
Ion Ratio	Lower	Upper	
276	100		
138	19.4	18.3	27.5
277	25.6	20.2	30.2

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 1.375 ng/ul

RT: 25.90 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BM024379.D

Acq: 30 Dec 2019 18:45

Tgt Ion:	276	Resp:	80199
Ion Ratio	Lower	Upper	
276	100		
138	21.8	15.3	22.9
277	22.4	19.3	28.9

