

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023832.D
 Acq On : 21 Nov 2019 16:55
 Operator : JU
 Sample : K5851-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

Manual Integrations
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mohammad
 11/22/2019 1:22:39 PM

Quant Time: Nov 21 17:51:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	326744	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1335391	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	811439	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1765390	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1714697	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2101737	20.00	ng/ul	0.00

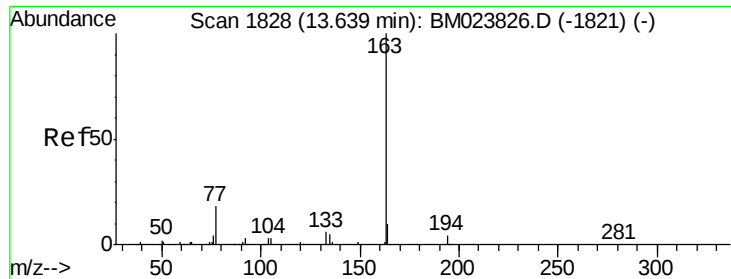
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	28501	3.60	ng/uL	0.00
5) Phenol-d5	6.70	99	607241	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	347947	20.33	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	489470	22.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	446128	18.78	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	236806	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	260072	25.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	487432	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	542587	21.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1439960	22.76	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1740166	24.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	178238	16.50	ng/ul	0.00
58) Fluorene-d10	15.17	176	1290676	23.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	140551	13.76	ng/ul	0.00
71) Anthracene-d10	17.02	188	2094263	25.01	ng/ul	0.00
79) Pyrene-d10	19.33	212	2405828	26.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2864141	25.90	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.64	163	486815	7.850	ng/ul	100
70) Phenanthrene	16.96	178	515517	5.301	ng/ul	99
72) Anthracene	17.06	178	118967	1.217	ng/ul	99
77) Fluoranthene	18.99	202	1038002	9.963	ng/ul	95
80) Pyrene	19.36	202	814316	7.347	ng/ul	99
83) Benzo(a)anthracene	21.12	228	419520	3.709	ng/ul	96
85) Chrysene	21.17	228	440297	4.135	ng/ul	98
88) Benzo(b)fluoranthene	22.64	252	547215	4.084	ng/ul#	94
89) Benzo(k)fluoranthene	22.69	252	178239m	1.381	ng/ul	
91) Benzo(a)pyrene	23.19	252	375310	3.060	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.42	276	248580	1.895	ng/ul	98
94) Benzo(g,h,i)perylene	26.07	276	238267	2.242	ng/ul	93

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



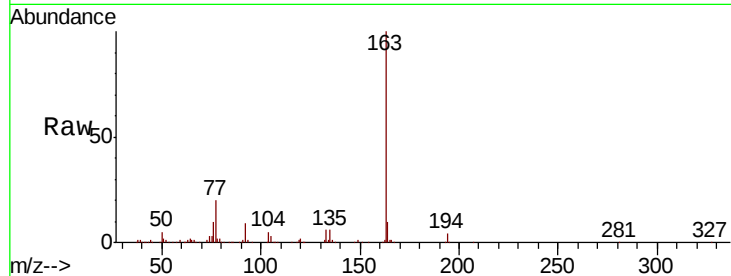
#45
Dimethylphthalate
Concen: 7.850 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Instrument :
BNA_M
ClientSampleId :
C0AA5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	486815		
194	4.2		3.4	5.2
164	10.1		8.0	12.0

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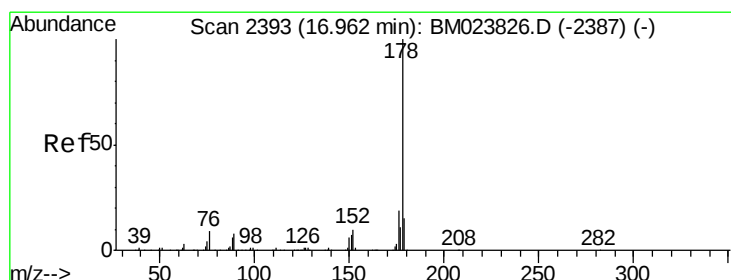
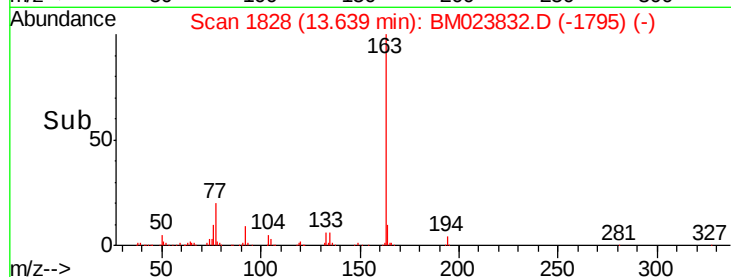
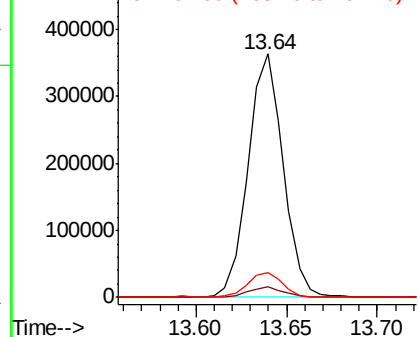


Abundance

Ion 163.00 (162.70 to 163.70): E

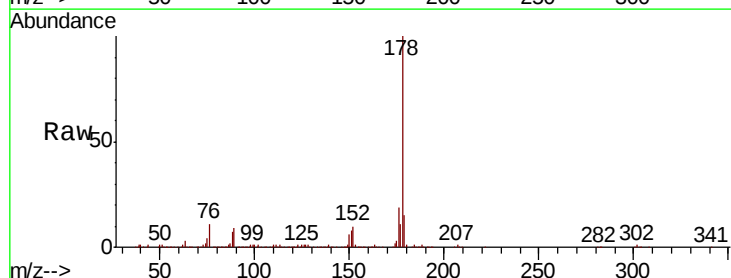
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 5.301 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	515517		
179	14.9		12.3	18.5
176	18.5		15.0	22.6

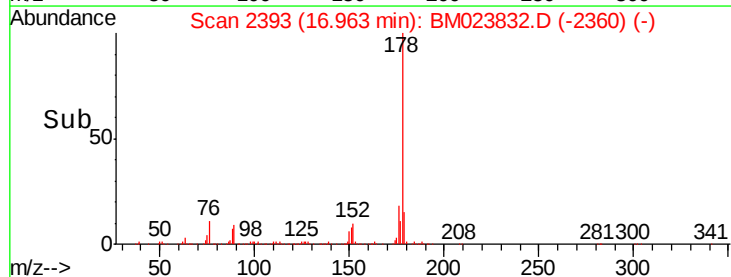
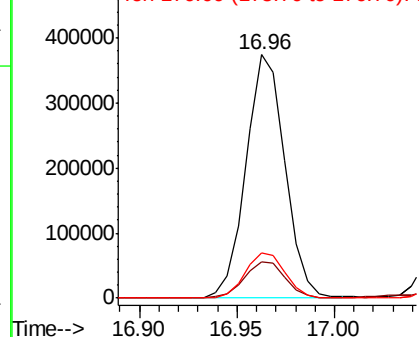


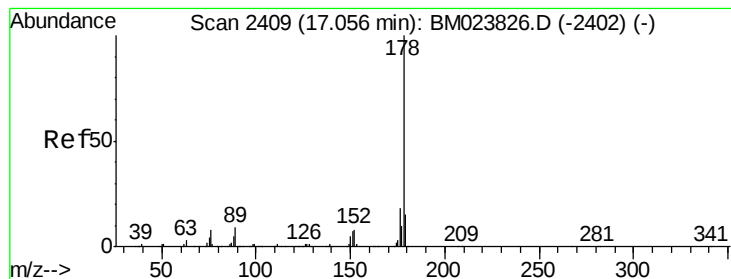
Abundance

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





#72

Anthracene

Concen: 1.217 ng/ul

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM023832.D

Acq: 21 Nov 2019 16:55

Instrument :

BNA_M

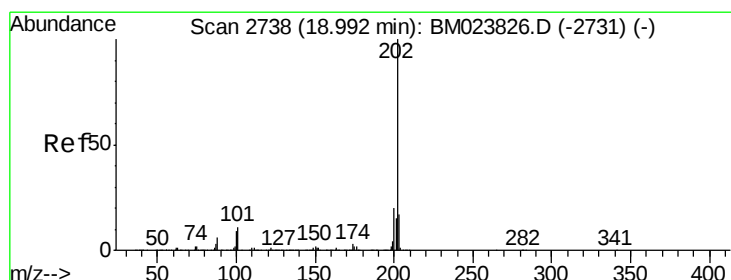
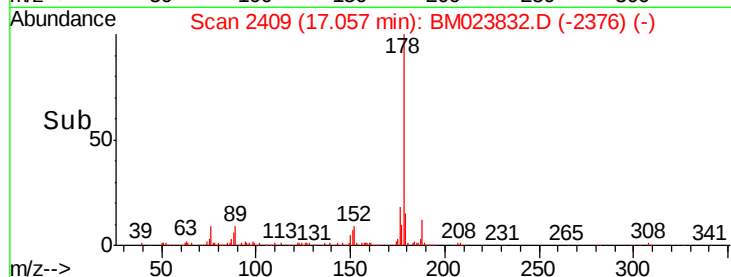
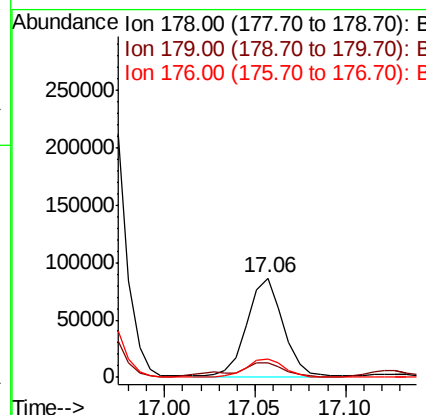
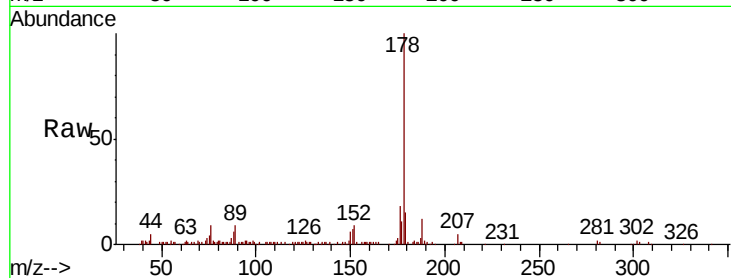
ClientSampleId :

C0AA5

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.0	14.7	22.1

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#77

Fluoranthene

Concen: 9.963 ng/ul

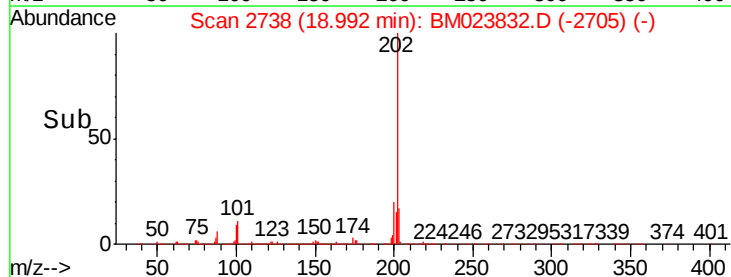
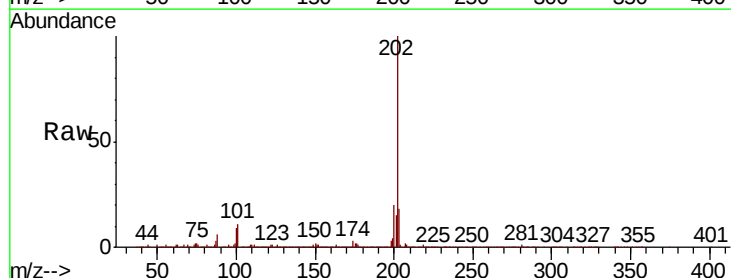
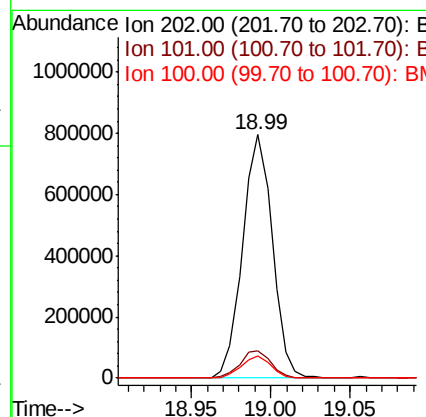
RT: 18.99 min Scan# 2738

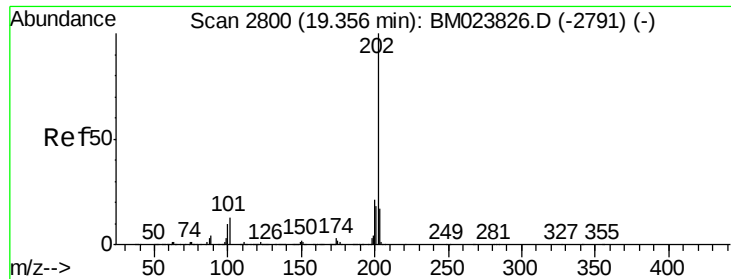
Delta R.T. -0.01 min

Lab File: BM023832.D

Acq: 21 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.7	11.5
100	9.0	6.0	9.0





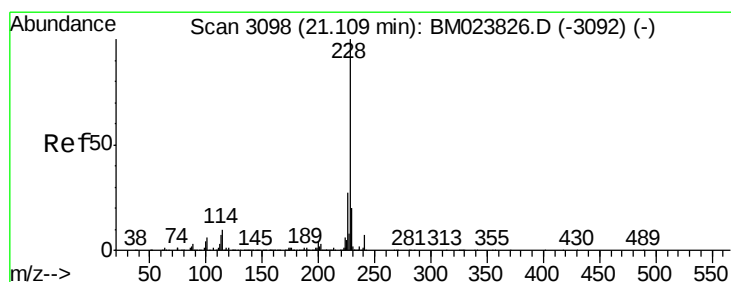
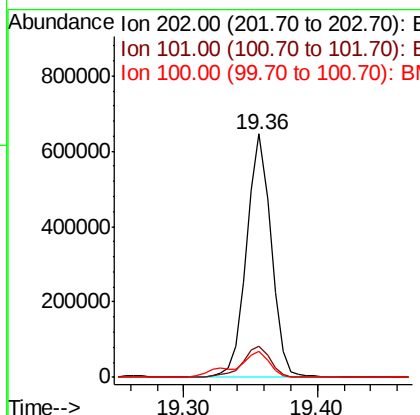
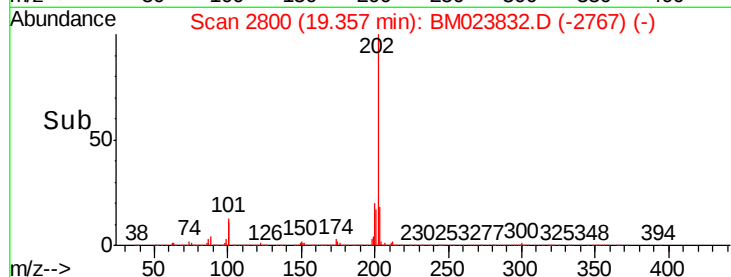
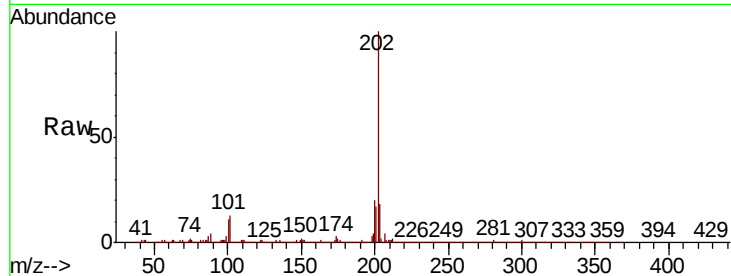
#80
Pvrene
Concen: 7.347 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Instrument :
BNA_M
ClientSampleId :
C0AA5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	9.8	14.6
100	10.6	8.1	12.1

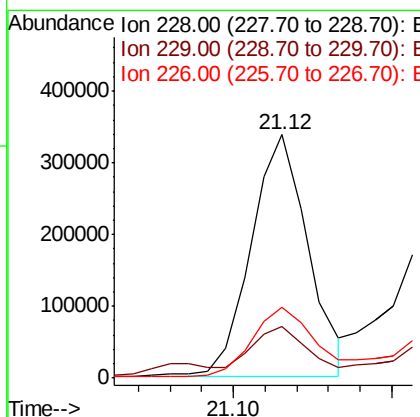
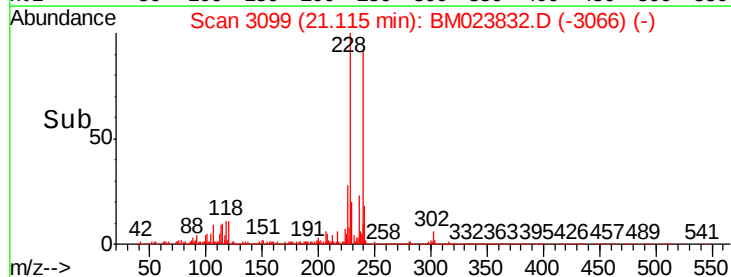
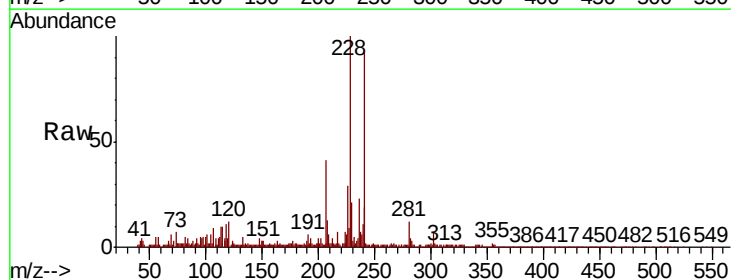
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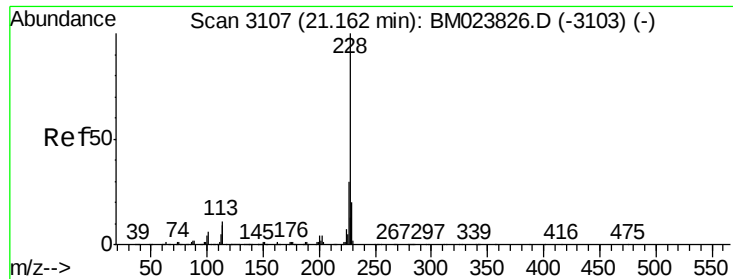
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#83
Benzo(a)anthracene
Concen: 3.709 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	15.6	23.4
226	29.1	21.4	32.2





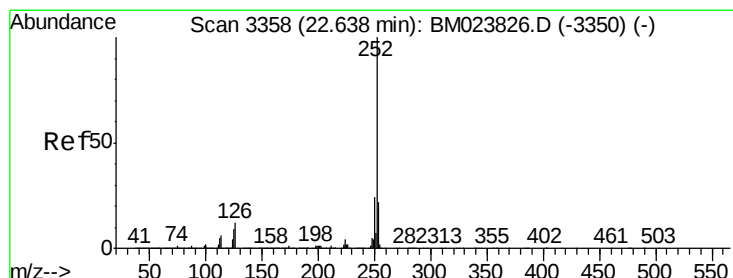
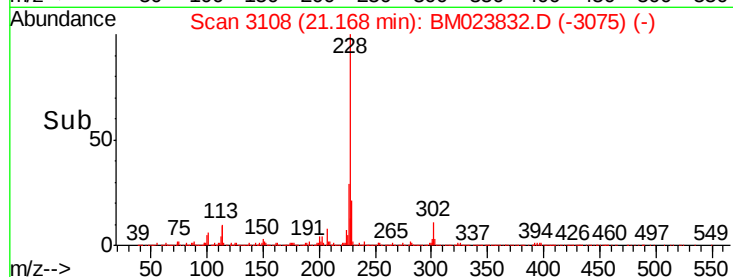
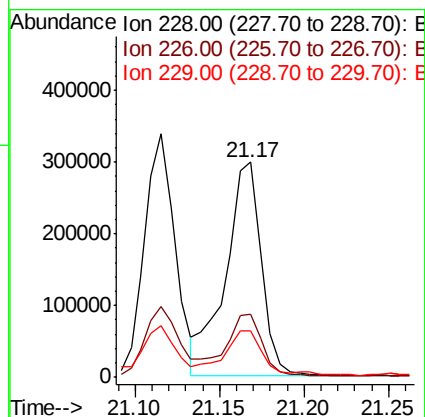
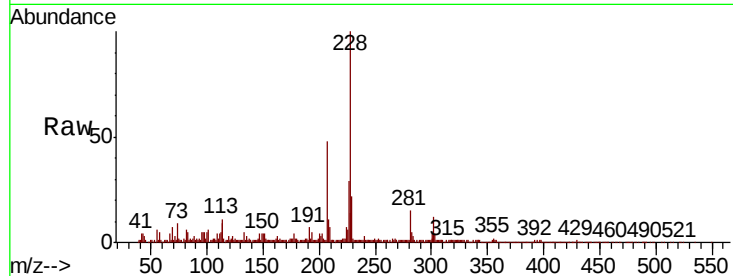
#85
Chrysene
Concen: 4.135 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Instrument :
BNA_M
ClientSampleId :
C0AA5

Tot Ion:	228	Resp:	440297
Ion Ratio		Lower	Upper
228	100		
226	29.2	23.8	35.8
229	21.5	15.8	23.6

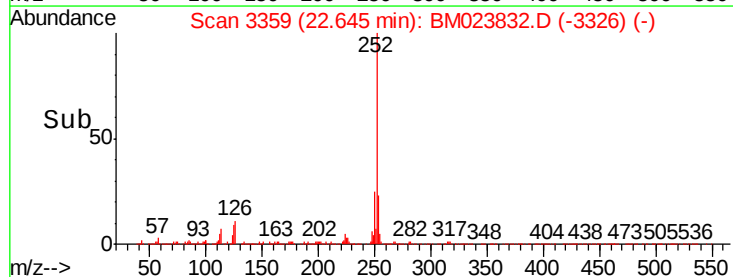
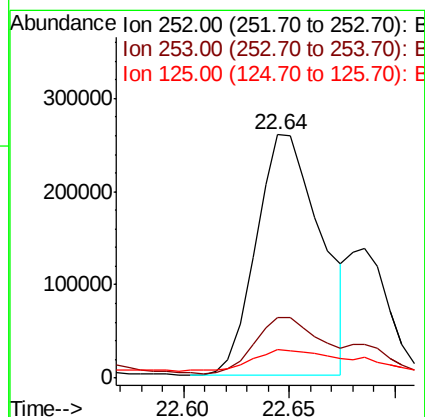
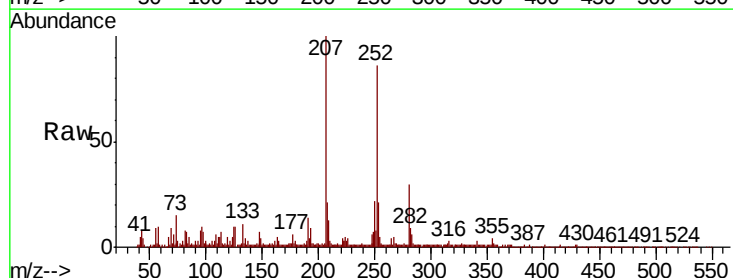
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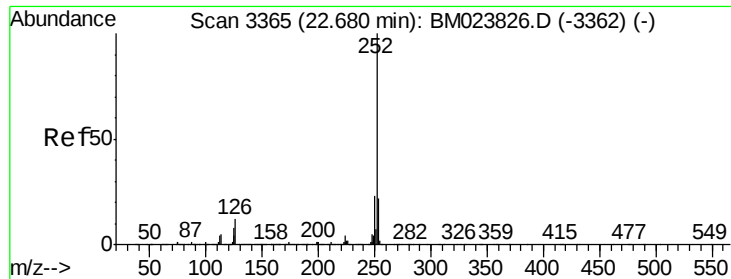
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#88
Benzo(b)fluoranthene
Concen: 4.084 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Tgt Ion:	252	Resp:	547215
Ion Ratio		Lower	Upper
252	100		
253	24.6	17.8	26.8
125	11.9	6.5	9.7#





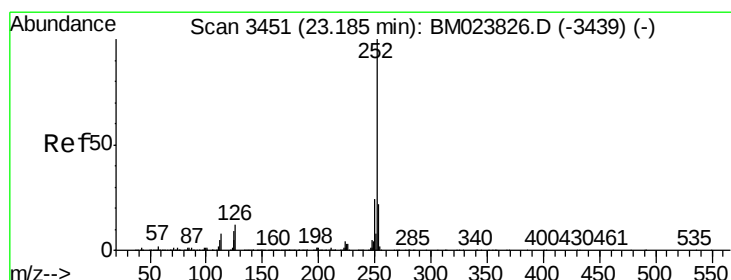
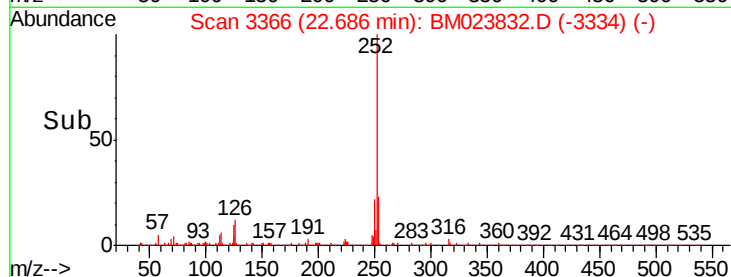
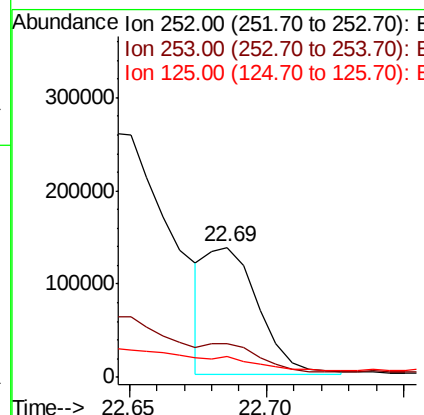
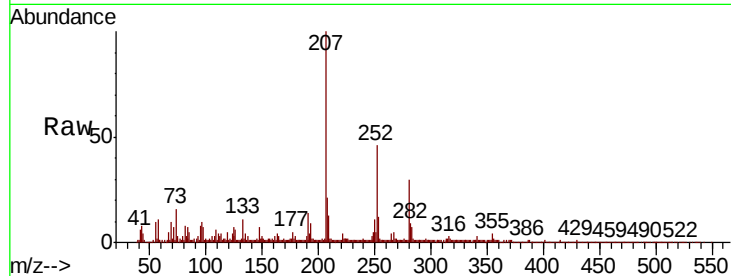
#89
Benzo(k)fluoranthene
Concen: 1.381 ng/ul
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Instrument :
BNA_M
ClientSampleId :
C0AA5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	15.9	5.9	8.9#

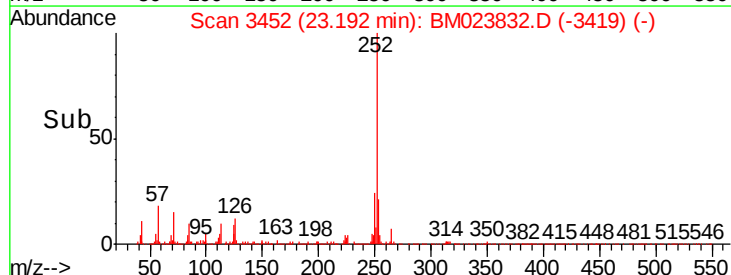
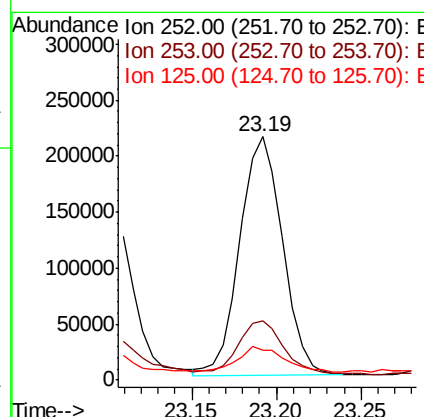
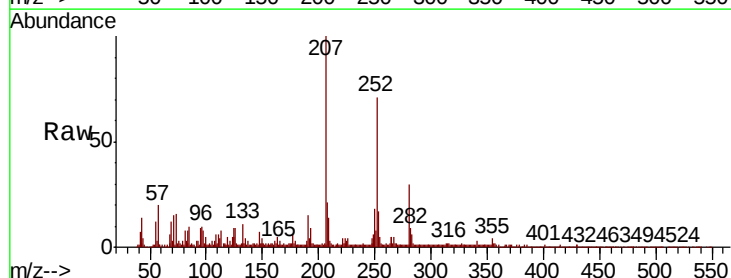
Manual Integrations
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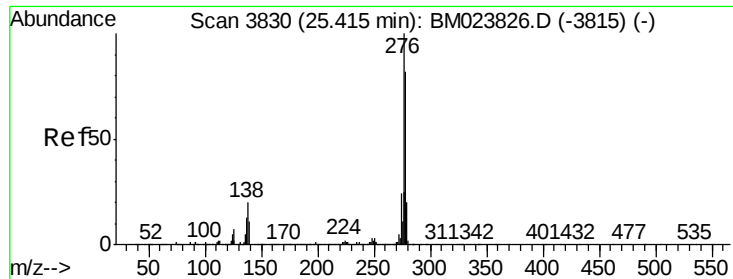
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#91
Benzo(a)pyrene
Concen: 3.060 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM023832.D
Acq: 21 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	12.3	6.9	10.3#





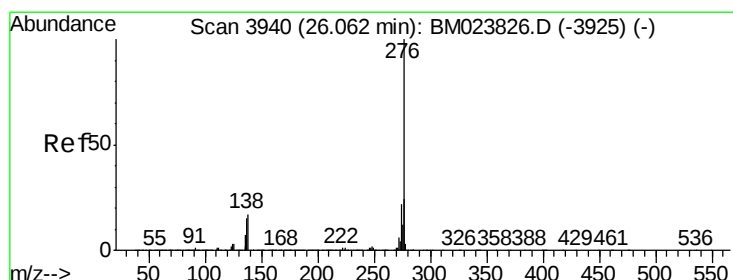
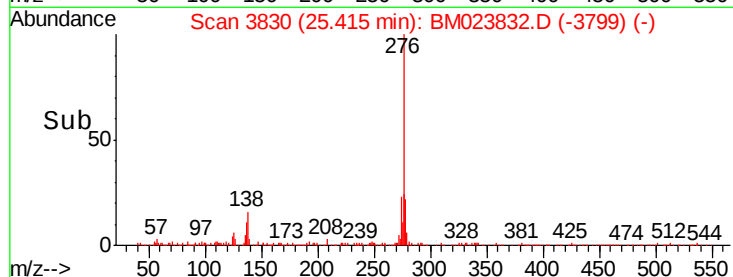
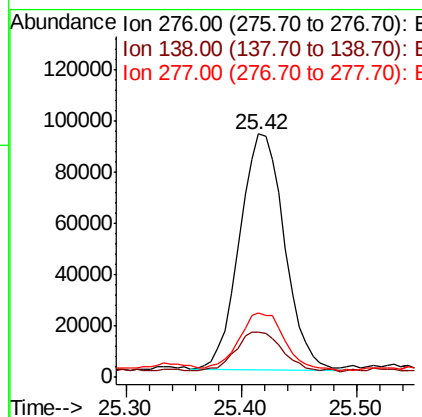
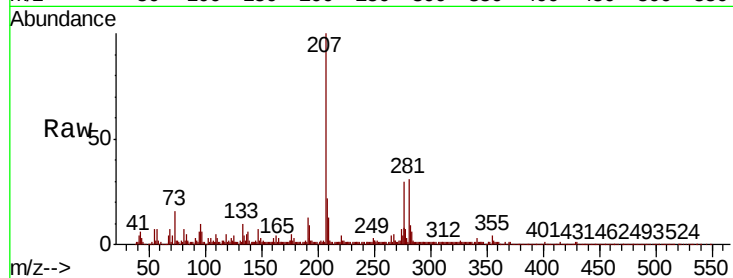
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.895 ng/ul
 RT: 25.42 min Scan# 3830
 Delta R.T. -0.02 min
 Lab File: BM023832.D
 Acq: 21 Nov 2019 16:55

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

Tot Ion	Ratio	Resp	Lower	Upper
276	100	248580		
138	18.5		15.0	22.4
277	26.5		20.0	30.0

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 2.242 ng/ul
 RT: 26.07 min Scan# 3942
 Delta R.T. -0.01 min
 Lab File: BM023832.D
 Acq: 21 Nov 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	238267		
138	19.5		13.2	19.8
277	26.8		18.6	28.0

