

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024057.D
 Acq On : 12 Dec 2019 14:10
 Operator : JU
 Sample : K6088-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP4

Manual Integrations
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mohammad
 12/13/2019 2:51:27 PM

Quant Time: Dec 13 03:09:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	419064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1736721	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1037936	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2002430	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1744144	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2090678	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	23157	2.46	ng/uL	0.00
5) Phenol-d5	6.66	99	460127	12.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	311906	14.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	371405	13.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	344490	11.89	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	176184	13.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	189700	12.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	354118	12.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	318216	9.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1246468	15.46	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1400961	14.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	99054	7.31	ng/ul	0.00
58) Fluorene-d10	15.13	176	1049751	15.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	129143	10.27	ng/ul	0.00
71) Anthracene-d10	16.99	188	1522910	15.92	ng/ul	0.00
79) Pyrene-d10	19.29	212	1663056	18.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1944484	17.60	ng/ul	-0.01

Target Compounds

						Qvalue
6) Phenol	6.69	94	106294	2.813	ng/ul	93
45) Dimethylphthalate	13.60	163	436582	5.530	ng/ul	100
70) Phenanthrene	16.93	178	638337	5.643	ng/ul	99
77) Fluoranthene	18.96	202	1492024	12.299	ng/ul	98
80) Pyrene	19.32	202	1248297	10.622	ng/ul	99
83) Benzo(a)anthracene	21.08	228	551811	4.733	ng/ul	98
85) Chrysene	21.13	228	548036	5.006	ng/ul	98
88) Benzo(b)fluoranthene	22.60	252	809254	6.259	ng/ul	98
89) Benzo(k)fluoranthene	22.64	252	272091m	2.217	ng/ul	
91) Benzo(a)pyrene	23.14	252	584990	4.785	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.34	276	433437	2.855	ng/ul	95
94) Benzo(g,h,i)perylene	25.99	276	430471	3.386	ng/ul	100

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

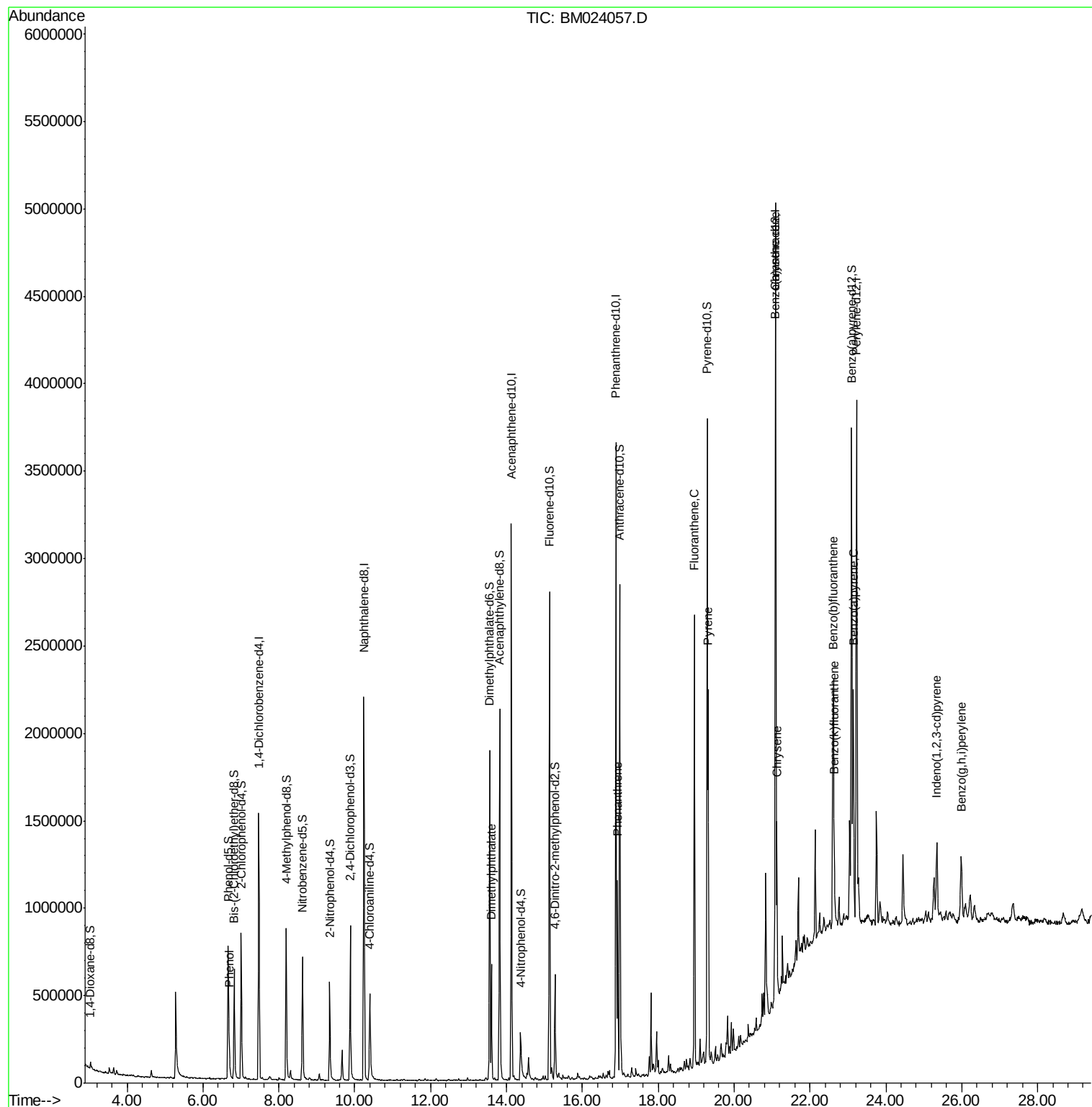
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024057.D
Acq On : 12 Dec 2019 14:10
Operator : JU
Sample : K6088-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

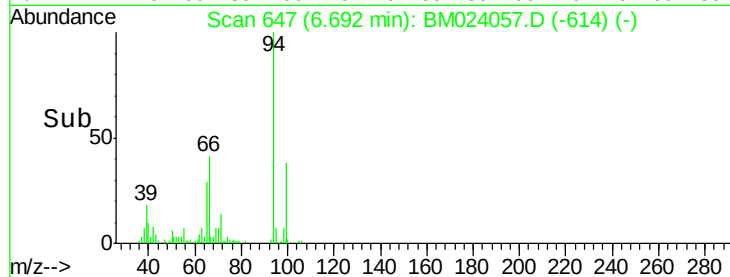
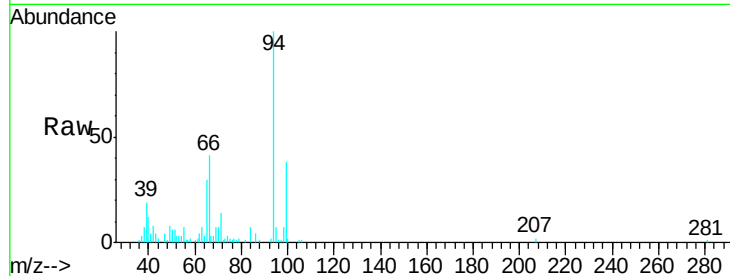
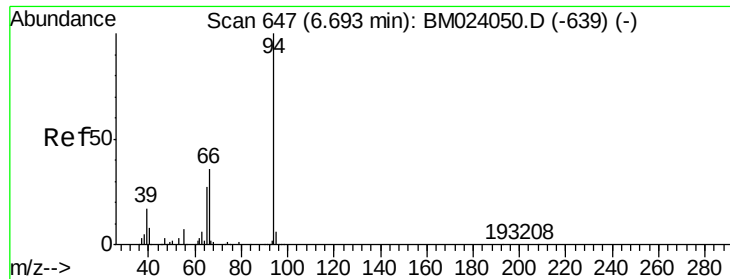
Instrument :
BNA_M
ClientSampleId :
C0BP4

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Quant Time: Dec 13 03:09:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.813 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

Tgt Ion:	94	Resp:	106294
Ion	Ratio	Lower	Upper
94	100		
65	29.7	21.7	32.5
66	40.9	28.8	43.2

Instrument :

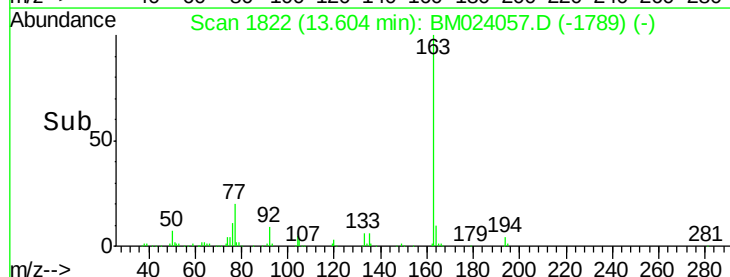
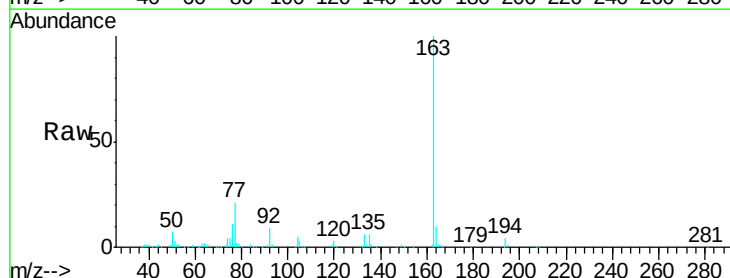
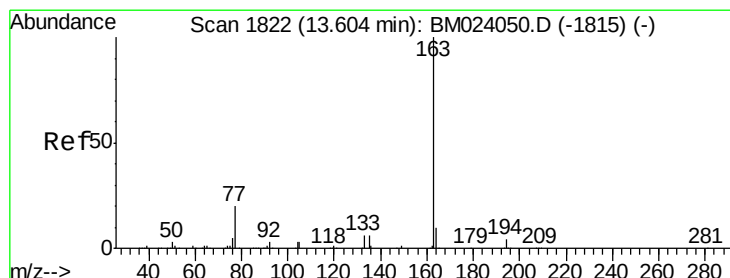
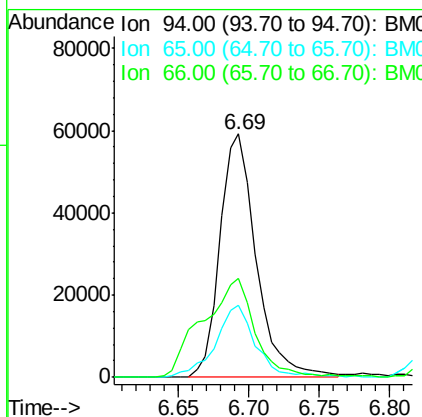
BNA_M

ClientSampleId :

C0BP4

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#45

Dimethylphthalate

Concen: 5.530 ng/ul

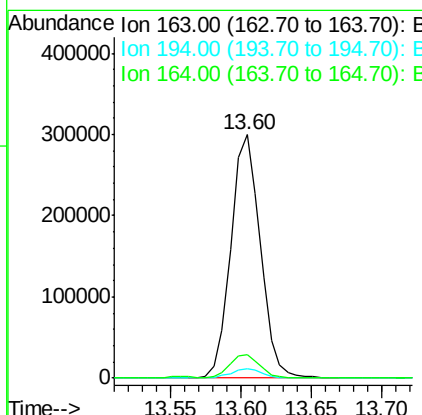
RT: 13.60 min Scan# 1822

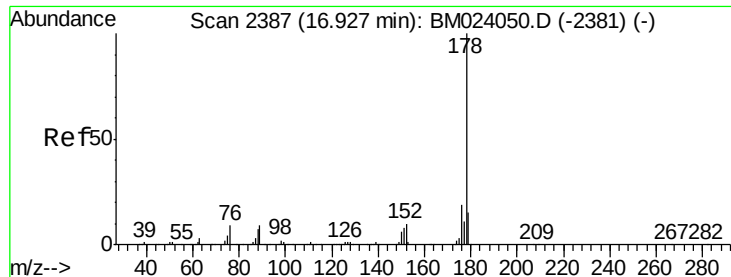
Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

Tgt Ion:	163	Resp:	436582
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	7.9	11.9





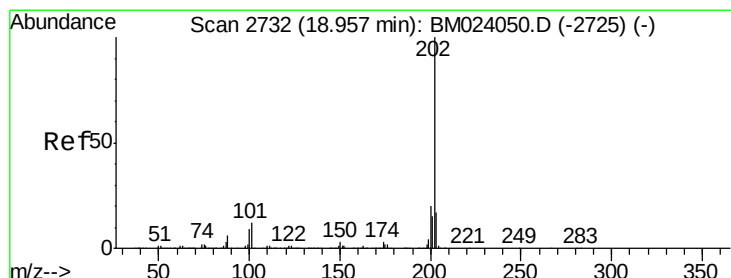
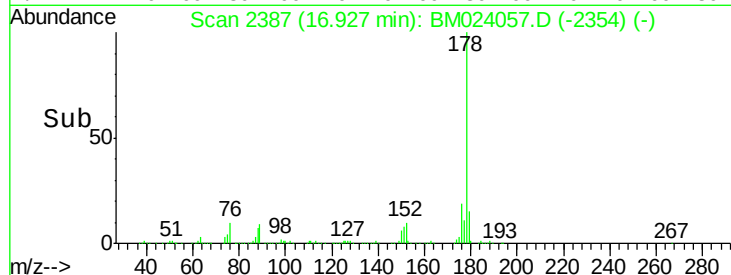
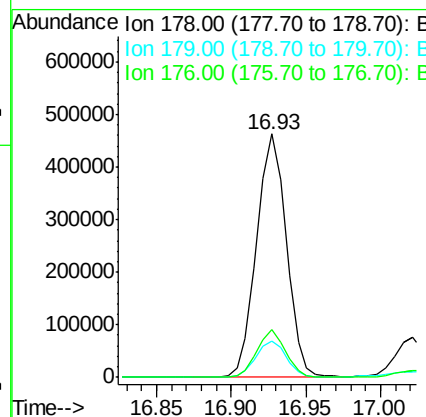
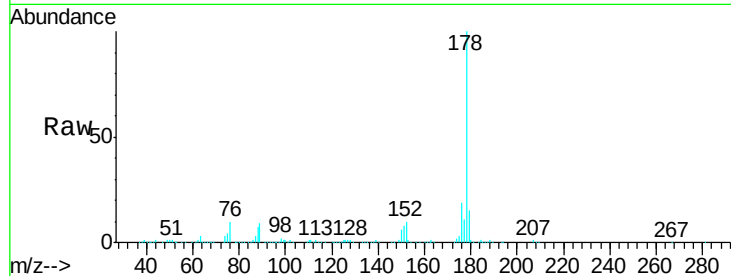
#70
Phenanthrene
Concen: 5.643 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Instrument :
BNA_M
ClientSampled :
C0BP4

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	638337		
179	14.7	12.0	18.0	
176	19.4	15.1	22.7	

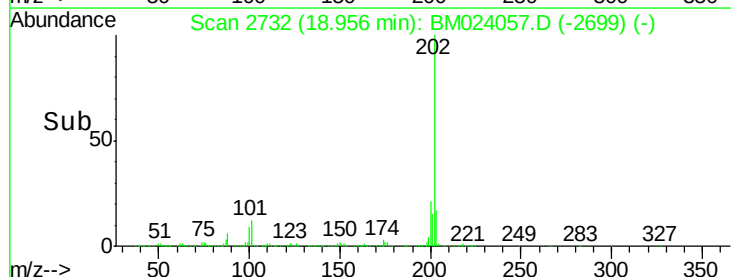
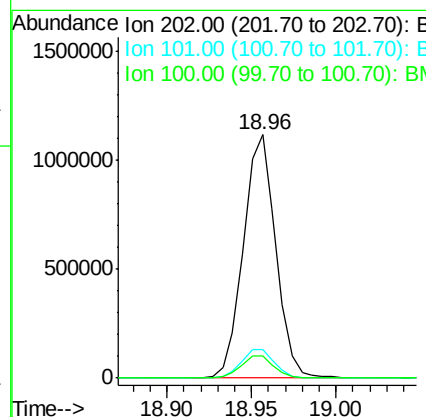
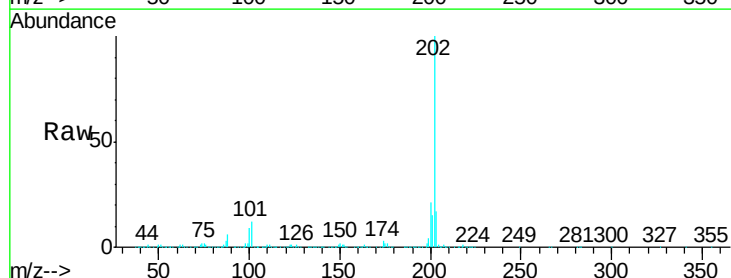
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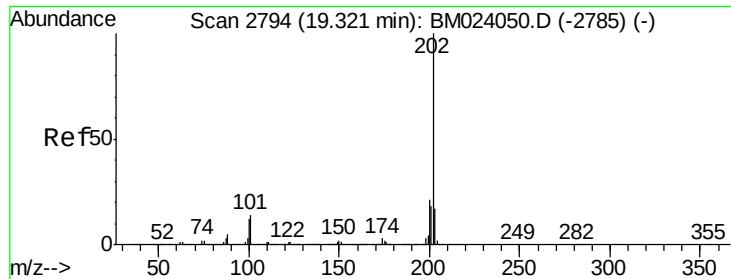
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#77
Fluoranthene
Concen: 12.299 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1492024		
101	11.8	10.1	15.1	
100	9.1	7.8	11.6	





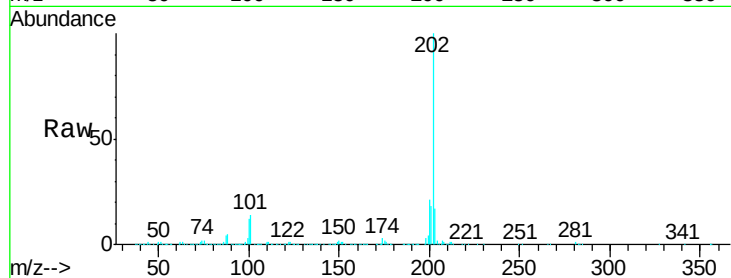
#80
Pyrene
Concen: 10.622 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Instrument :
BNA_M
ClientSampleId :
C0BP4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.8	17.6
100	11.8	9.8	14.6

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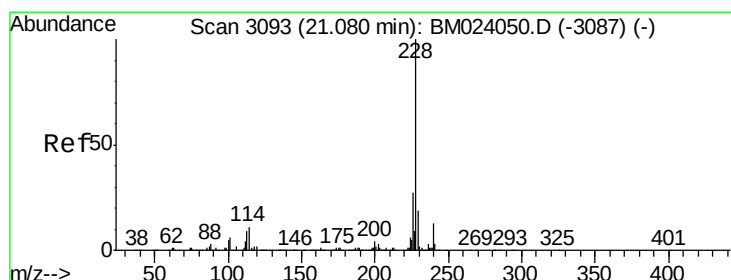
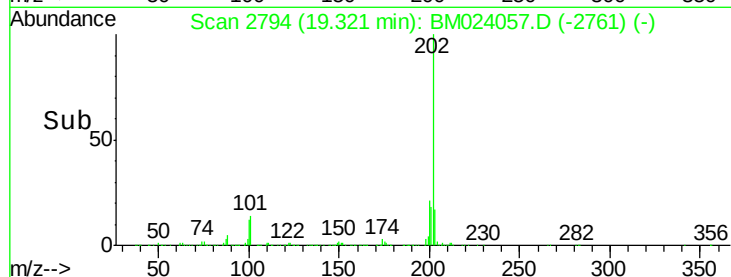
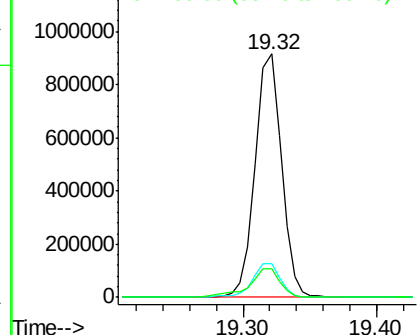


Abundance

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): E



#83
Benzo(a)anthracene
Concen: 4.733 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

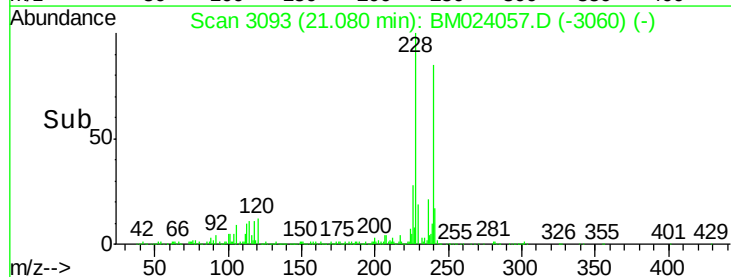
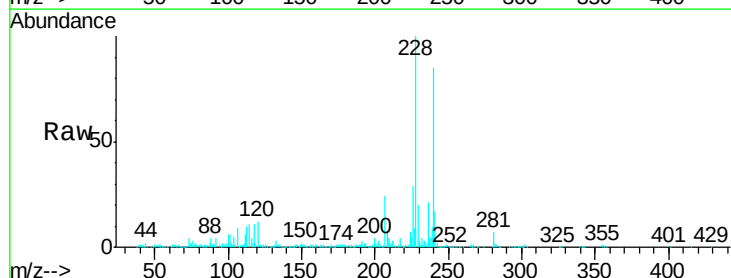
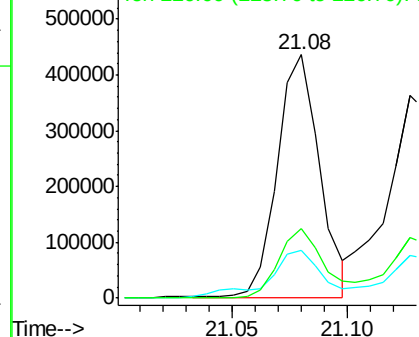
Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	28.5	21.4	32.0

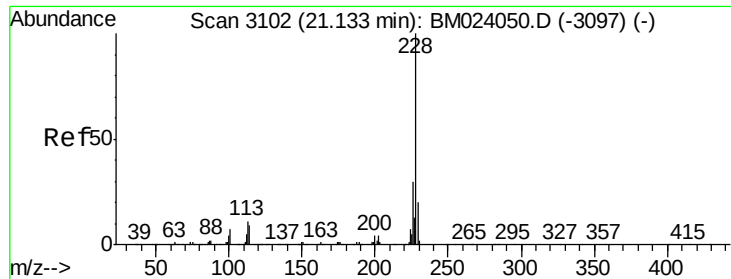
Abundance

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





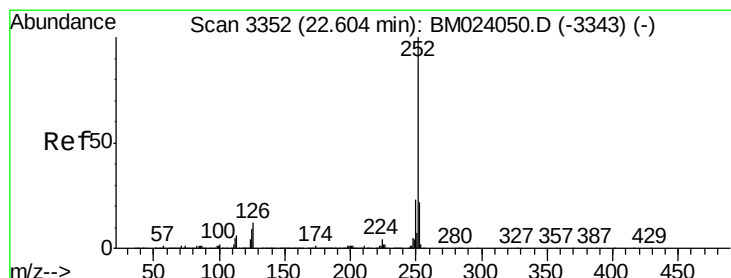
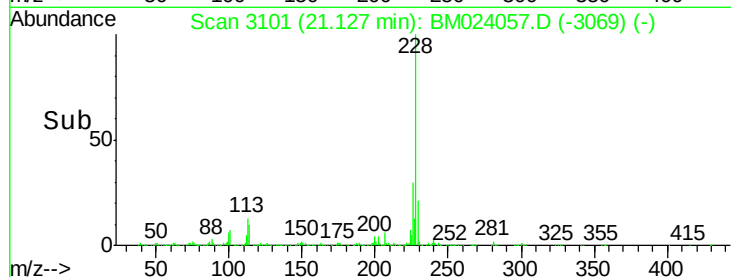
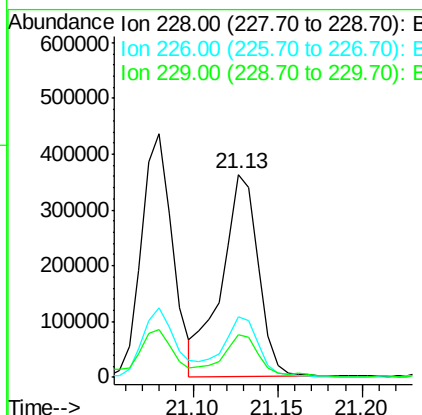
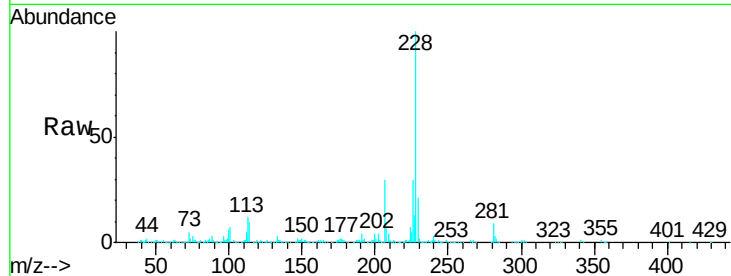
#85
Chrysene
Concen: 5.006 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Instrument :
BNA_M
ClientSampleID :
C0BP4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	548036		
226	29.8		23.4	35.2
229	21.1		15.3	22.9

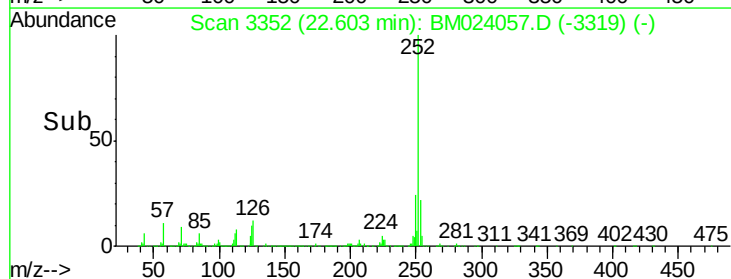
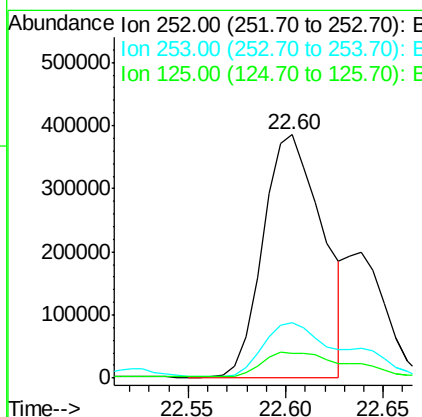
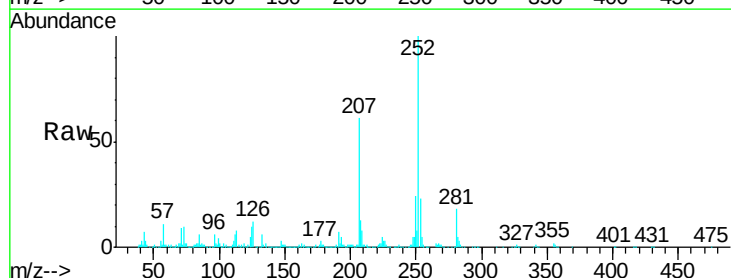
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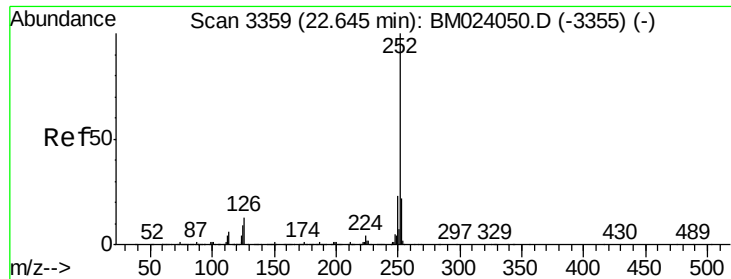
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#88
Benzo(b)fluoranthene
Concen: 6.259 ng/ul
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	809254		
253	22.7		17.4	26.0
125	10.1		7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 2.217 ng/ul m

RT: 22.64 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM024057.D

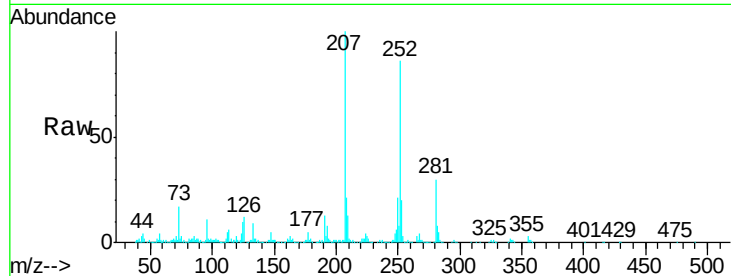
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Instrument :

BNA_M

ClientSampleId :

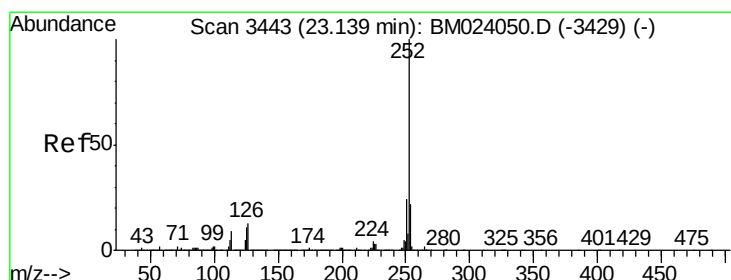
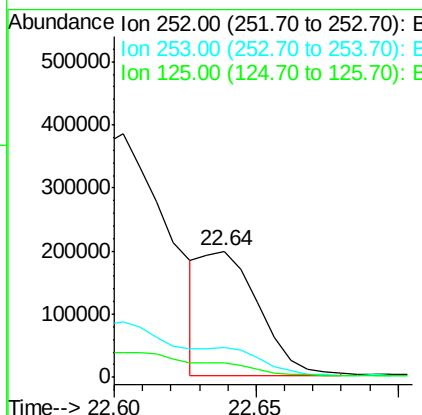
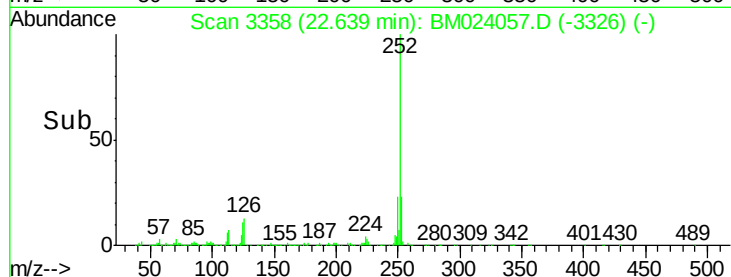
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	11.6	7.0	10.4

Manual Integrations
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#91

Benzo(a)pyrene

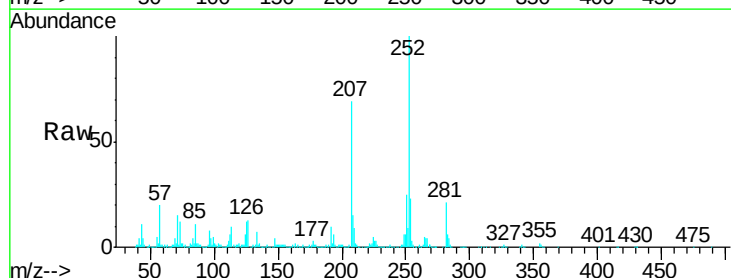
Concen: 4.785 ng/ul

RT: 23.14 min Scan# 3443

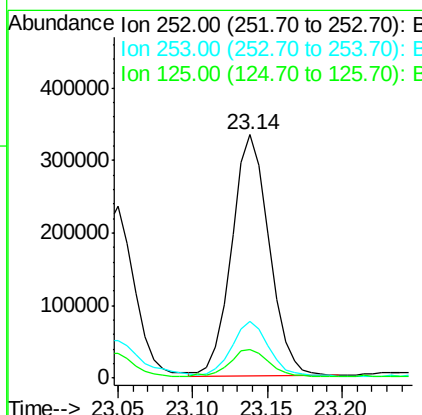
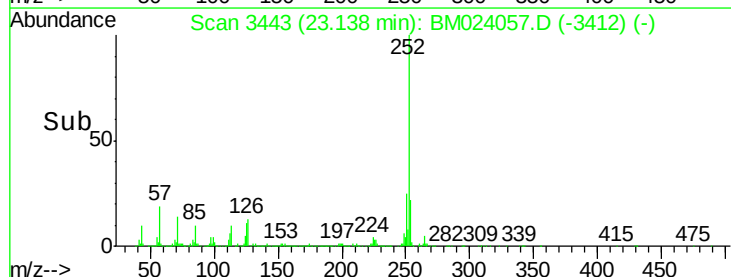
Delta R.T. -0.02 min

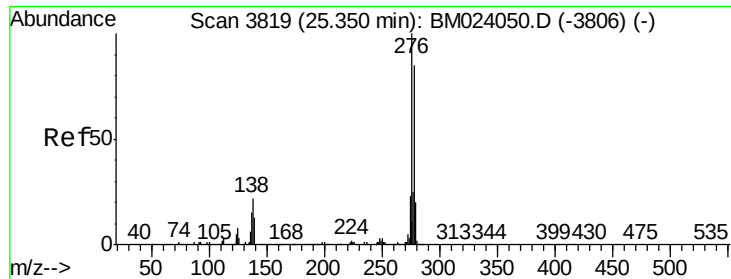
Lab File: BM024057.D

Acq: 12 Dec 2019 14:10



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.8	7.8	11.6





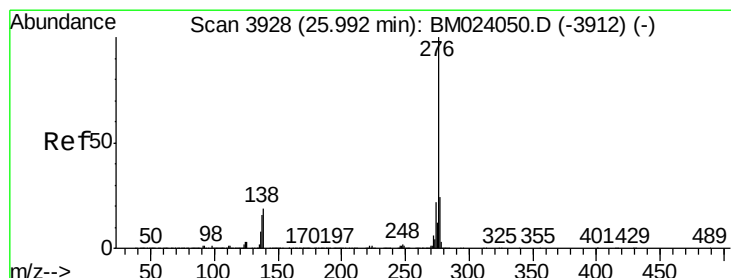
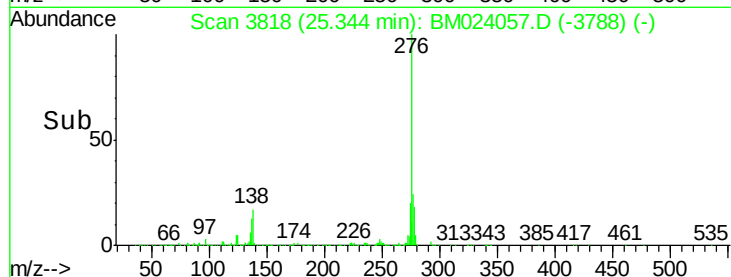
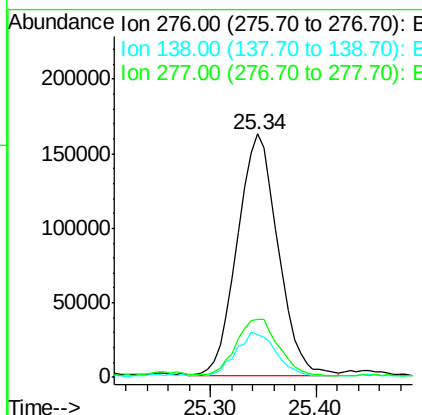
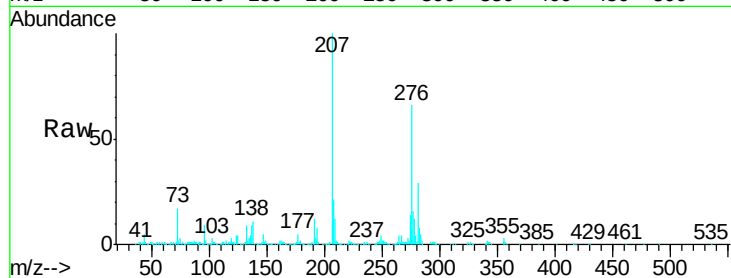
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.855 ng/ul
RT: 25.34 min Scan# 3818
Delta R.T. -0.02 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Instrument :
BNA_M
ClientSampleId :
C0BP4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.0	25.6
277	23.8	19.8	29.8

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.386 ng/ul
RT: 25.99 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.9	22.3
277	23.9	19.1	28.7

