

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023353.D
 Acq On : 23 Oct 2019 21:59
 Operator : JU
 Sample : K5378-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0008

Manual Integrations
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 10/24/2019 5:02:56 PM

Quant Time: Oct 24 04:08:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	645211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2930156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1896403	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3660580	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2719258	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2683840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	43541	3.21	ng/uL	0.00
5) Phenol-d5	6.82	99	898925	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	619235	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	796495	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	590888	13.42	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	442268	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	496901	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	882473	18.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	520216	9.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2961452	20.56	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3372786	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	224152	8.98	ng/ul	0.00
58) Fluorene-d10	15.28	176	2497269	20.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	360988	15.84	ng/ul	0.00
71) Anthracene-d10	17.13	188	3775454	21.82	ng/ul	0.00
79) Pyrene-d10	19.43	212	3863818	25.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	3195576	23.37	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	119619	2.144 ng/ul	94
16) 4-Methylphenol	8.41	108	51456	1.100 ng/ul	97
28) Naphthalene	10.47	128	183436	1.221 ng/ul	96
34) 2-Methylnaphthalene	12.09	142	238221	2.077 ng/ul	95
45) Dimethylphthalate	13.75	163	1083475	7.493 ng/ul	99
70) Phenanthrene	17.07	178	1543927	7.547 ng/ul	100
77) Fluoranthene	19.09	202	1896215	8.887 ng/ul	99
80) Pyrene	19.46	202	1542874	8.035 ng/ul	99
83) Benzo(a)anthracene	21.21	228	708697	3.897 ng/ul	94
85) Chrysene	21.26	228	820520	4.890 ng/ul	96
88) Benzo(b)fluoranthene	22.77	252	873801	5.069 ng/ul	97
89) Benzo(k)fluoranthene	22.81	252	250399m	1.547 ng/ul	
91) Benzo(a)pyrene	23.33	252	542177	3.474 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.62	276	384946	2.278 ng/ul	97
94) Benzo(g,h,i)perylene	26.29	276	340222	2.475 ng/ul	98

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

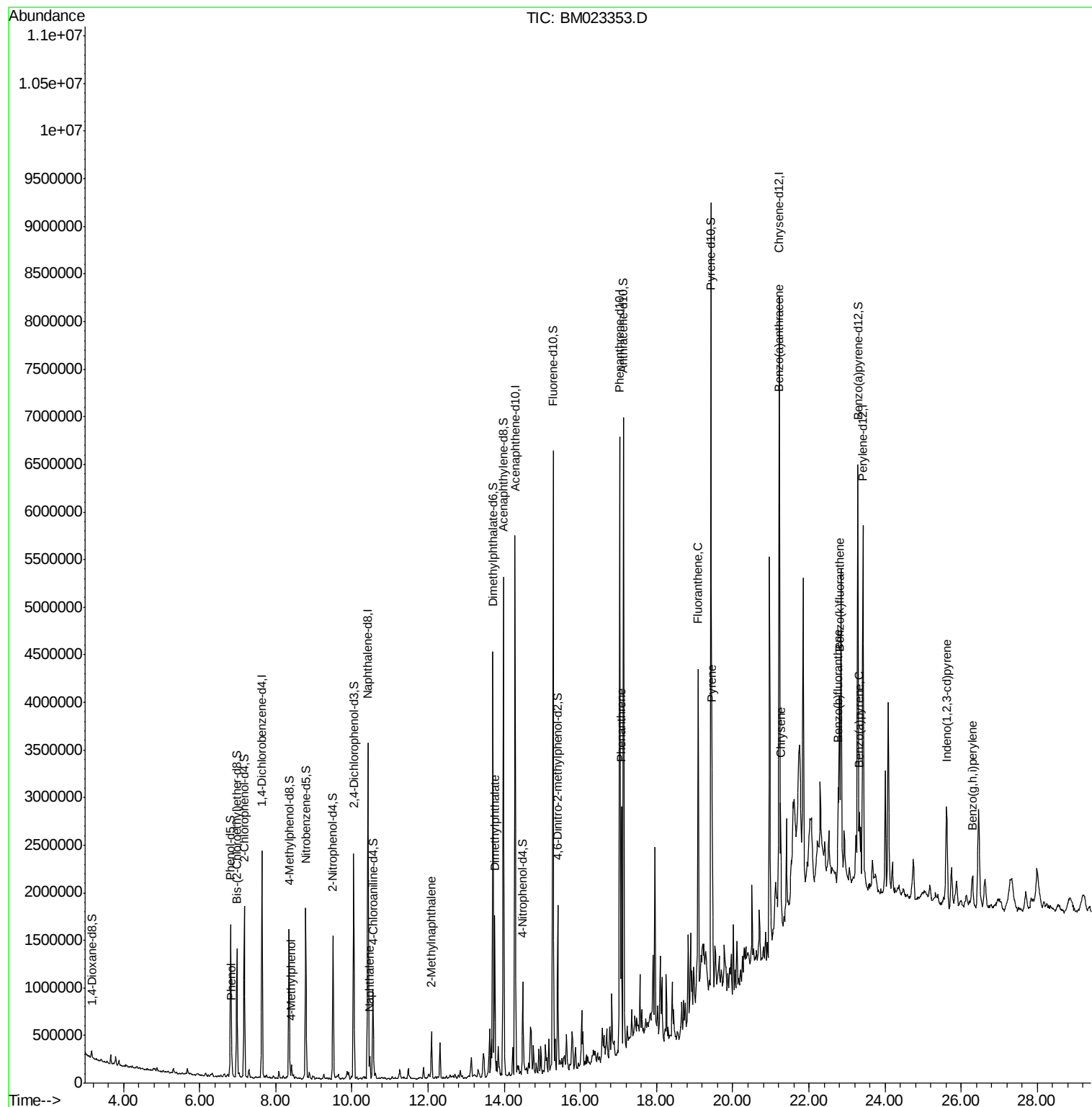
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023353.D
Acq On : 23 Oct 2019 21:59
Operator : JU
Sample : K5378-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

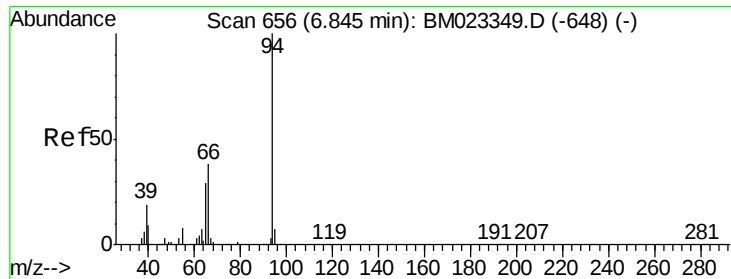
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Oct 24 04:08:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.144 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Instrument :

BNA_M

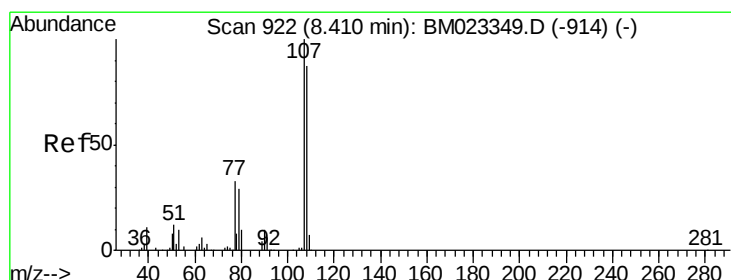
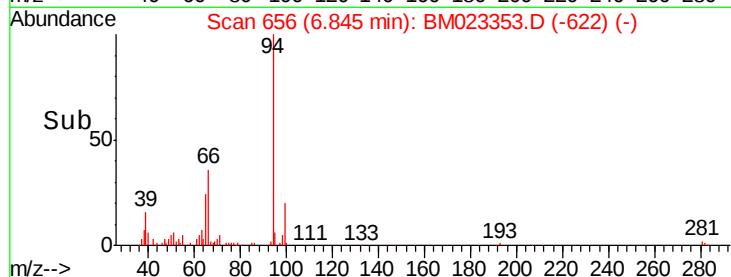
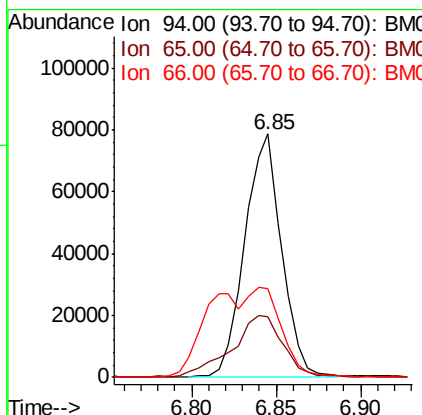
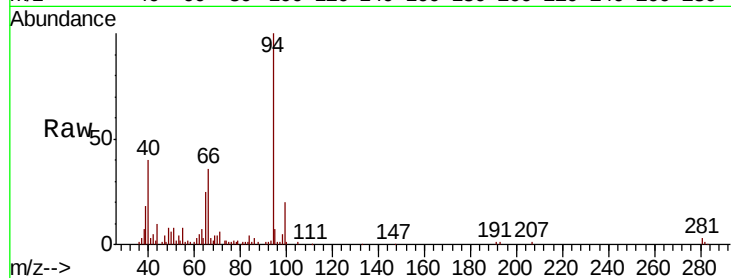
ClientSampled :

C0008

Tot Ion:	94	Resp:	119619
Ion	Ratio	Lower	Upper
94	100		
65	24.7	22.9	34.3
66	36.3	31.4	47.2

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#16

4-Methylphenol

Concen: 1.100 ng/ul

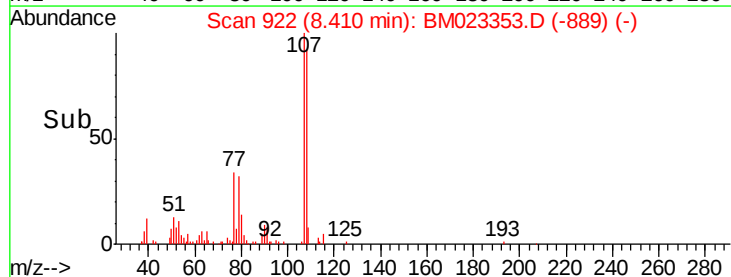
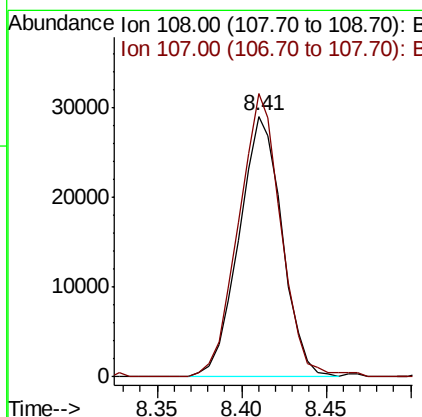
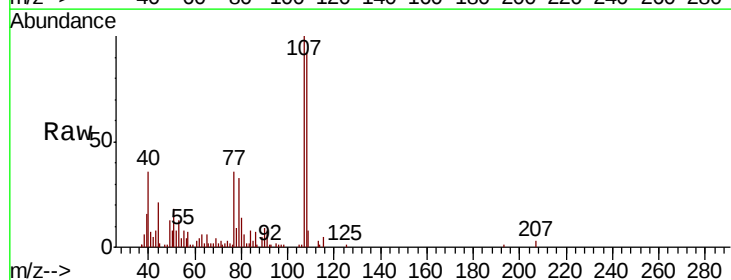
RT: 8.41 min Scan# 922

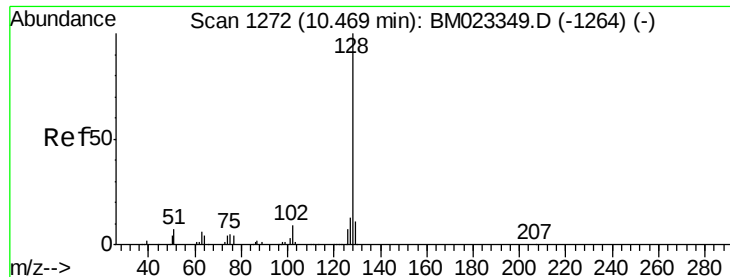
Delta R.T. -0.01 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Tgt Ion:	108	Resp:	51456
Ion	Ratio	Lower	Upper
108	100		
107	108.7	89.7	134.5





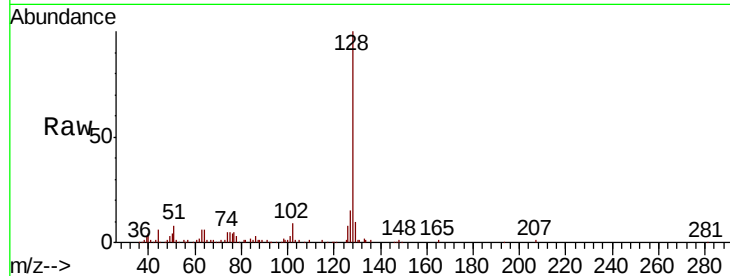
#28
Naphthalene
Concen: 1.221 ng/ul
RT: 10.47 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Instrument :
BNA_M
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	9.9	8.8	13.2
127	14.9	10.4	15.6

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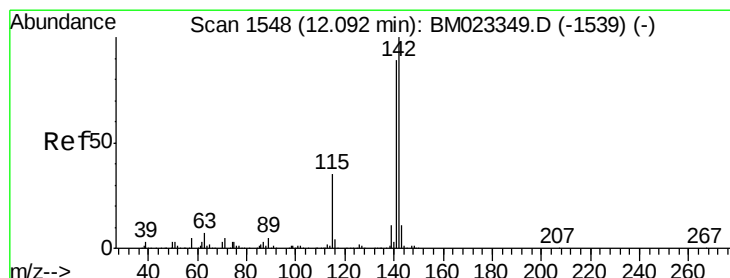
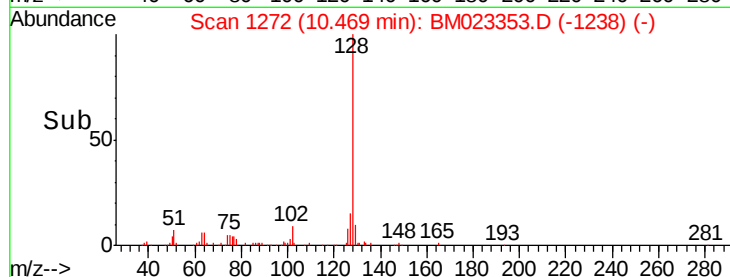
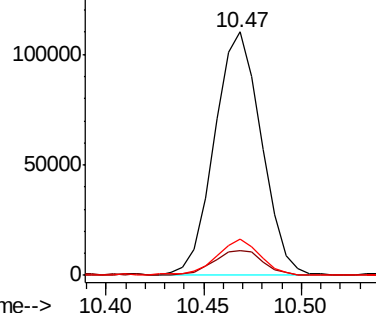


Abundance

Ion 128.00 (127.70 to 128.70): E

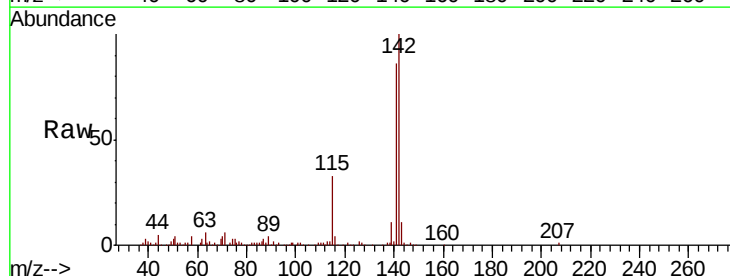
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 2.077 ng/ul
RT: 12.09 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

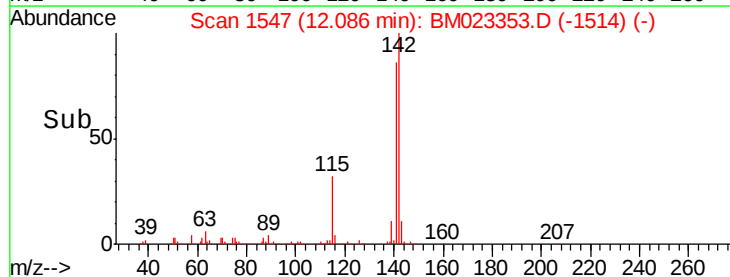
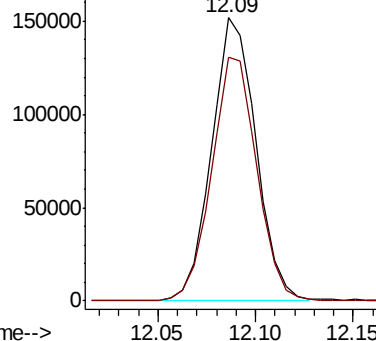
Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	86.2	72.4	108.6

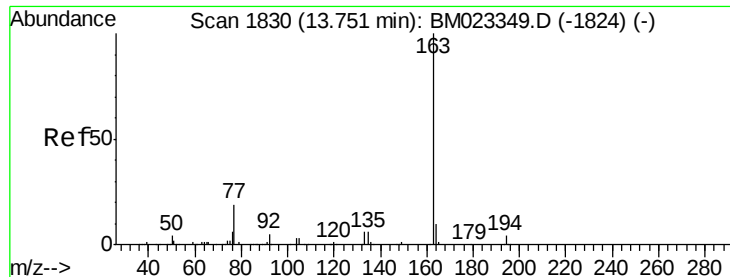


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





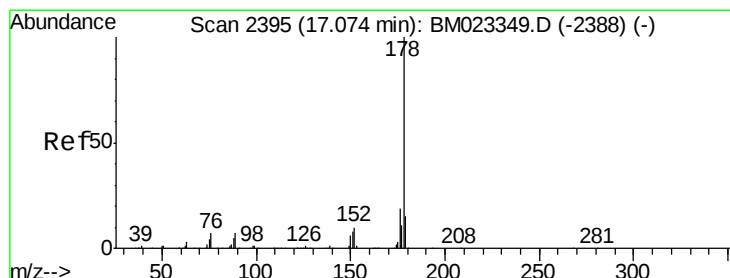
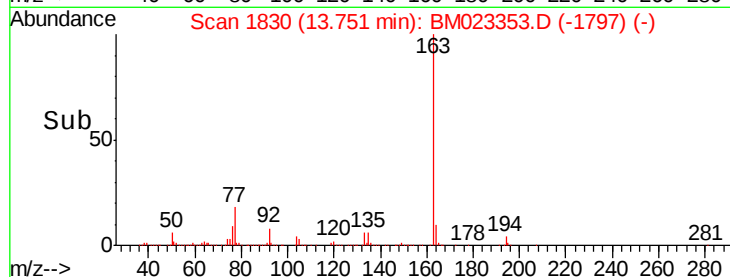
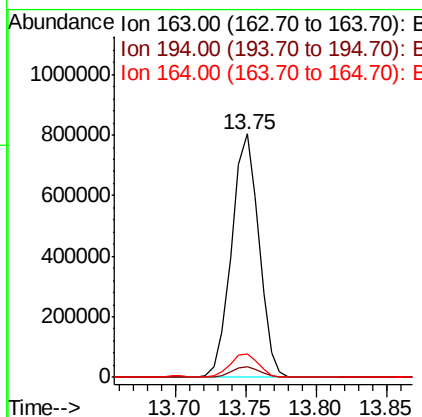
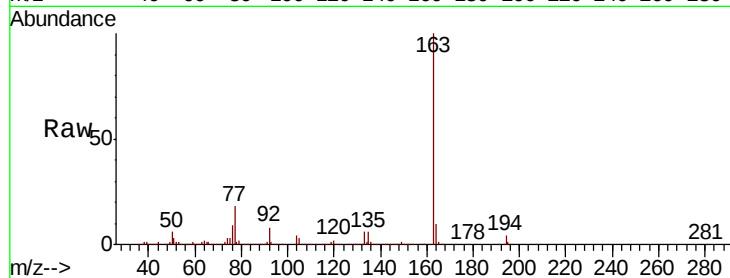
#45
Dimethylphthalate
Concen: 7.493 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Instrument :
BNA_M
ClientSampled :
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Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.5	3.3	4.9	
164	9.8	7.9	11.9	

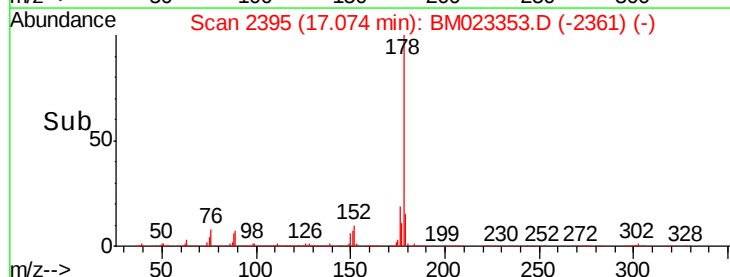
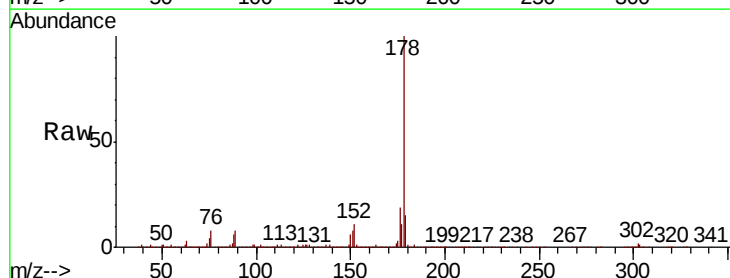
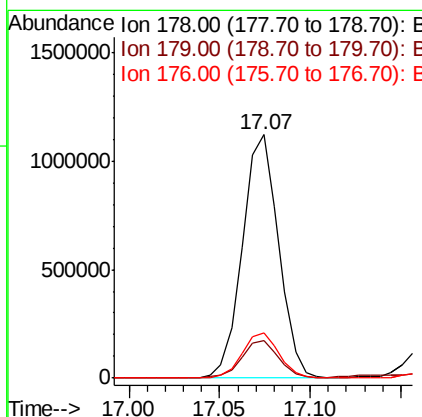
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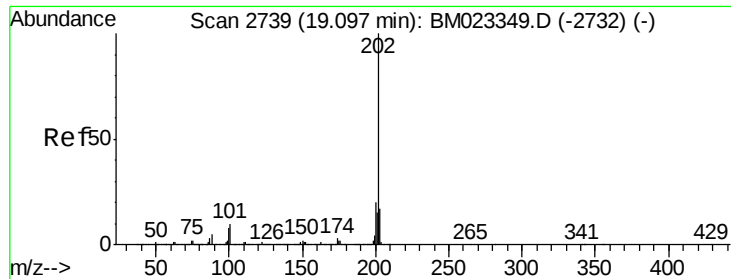
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#70
Phenanthrene
Concen: 7.547 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	15.2	12.2	18.2	
176	18.8	14.9	22.3	





#77

Fluoranthene

Concen: 8.887 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Instrument :

BNA_M

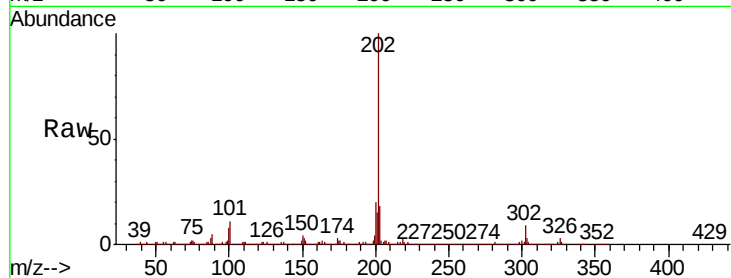
ClientSampleId :

C0008

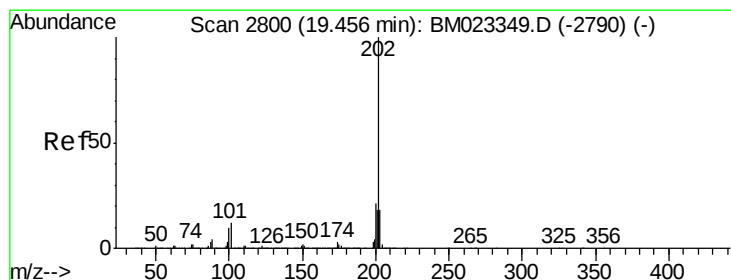
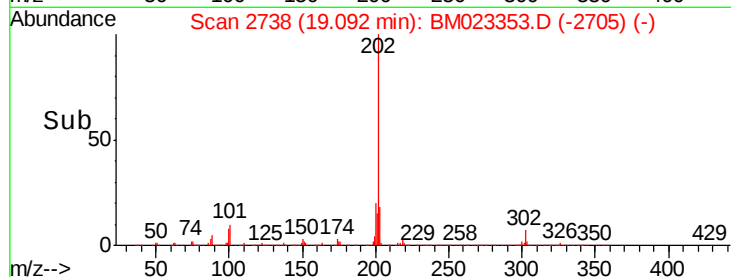
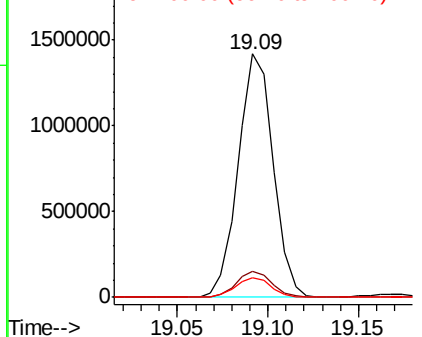
Tot Ion:	202	Resp:	1896215
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.1	12.1
100	8.0	6.2	9.2

Manual Integrations
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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



#80

Pyrene

Concen: 8.035 ng/ul

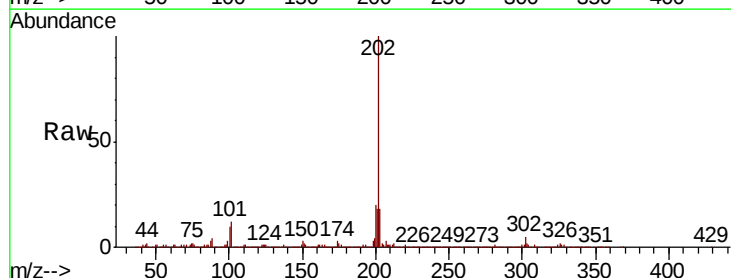
RT: 19.46 min Scan# 2800

Delta R.T. -0.00 min

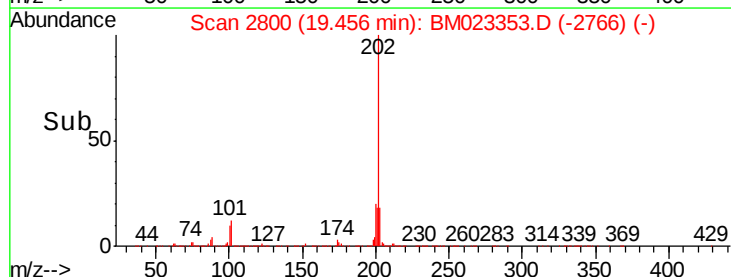
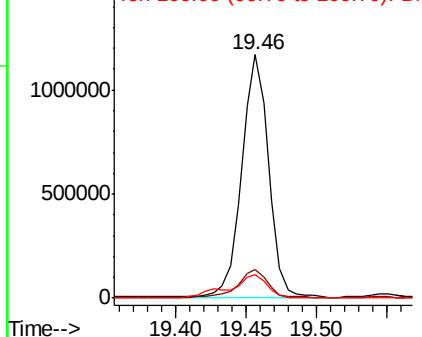
Lab File: BM023353.D

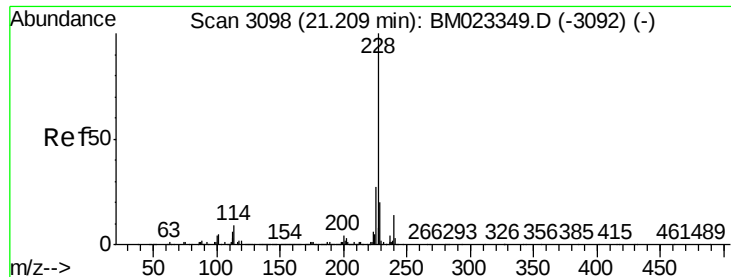
Acq: 23 Oct 2019 21:59

Tgt Ion:	202	Resp:	1542874
Ion Ratio	Lower	Upper	
202	100		
101	11.9	10.0	15.0
100	9.8	8.3	12.5



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





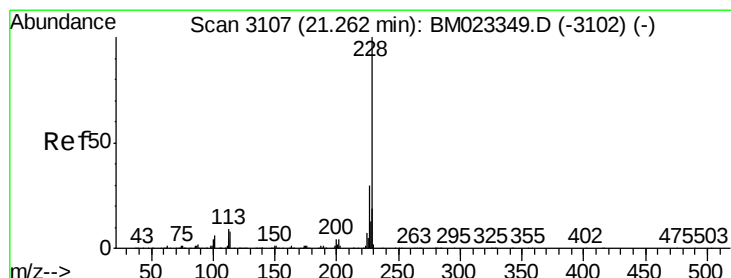
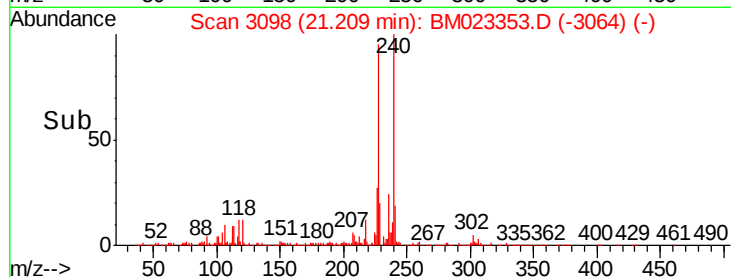
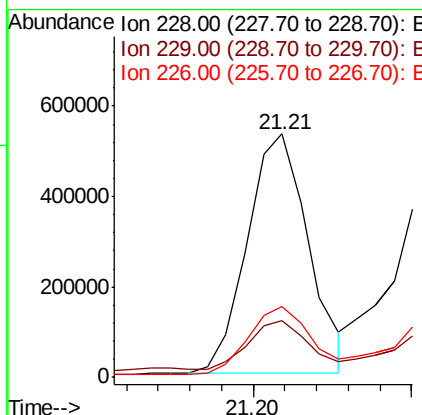
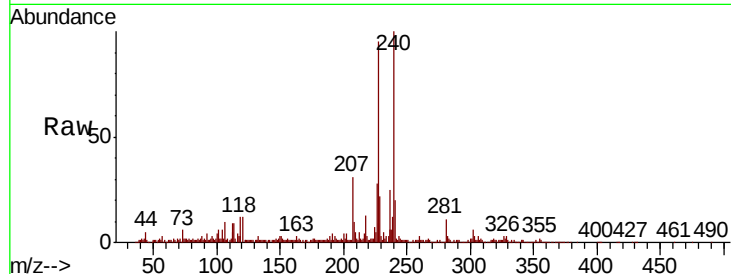
#83
Benzo(a)anthracene
Concen: 3.897 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Instrument :
BNA_M
ClientSampled :
C0008

Tot Ion:	228	Resp:	708697
Ion Ratio	Lower	Upper	
228	100		
229	23.4	15.8	23.8
226	29.3	21.6	32.4

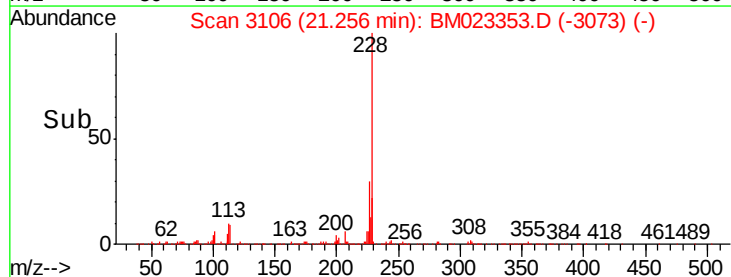
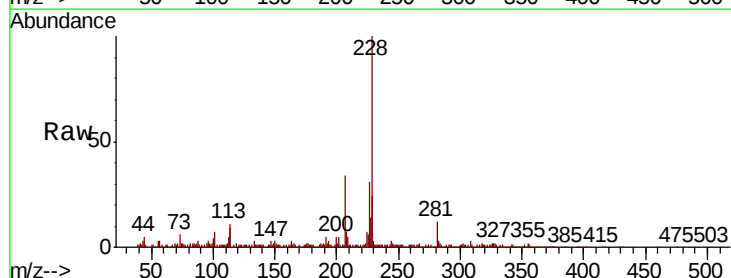
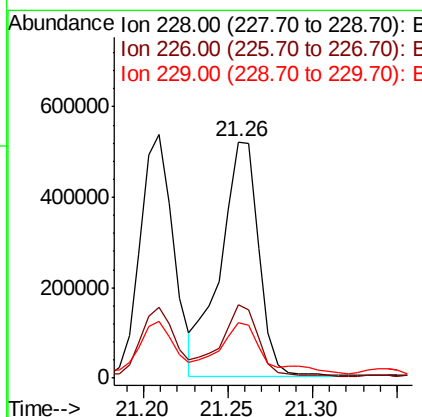
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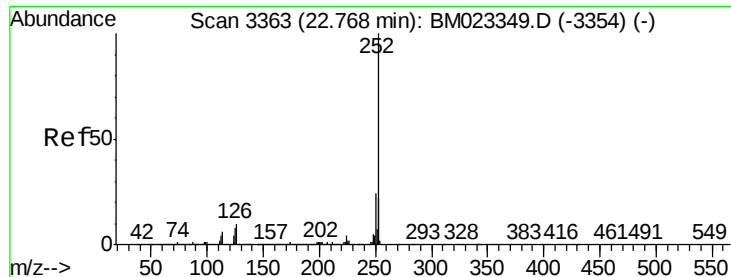
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#85
Chrysene
Concen: 4.890 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Tgt Ion:	228	Resp:	820520
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	23.6	16.0	24.0





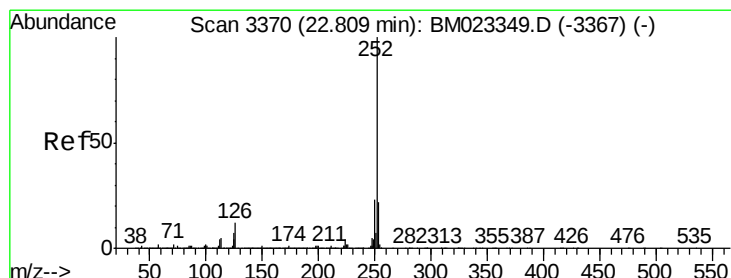
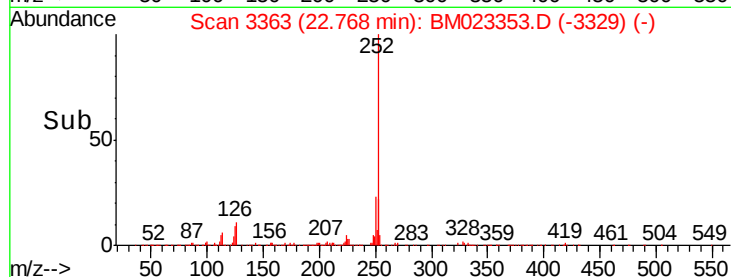
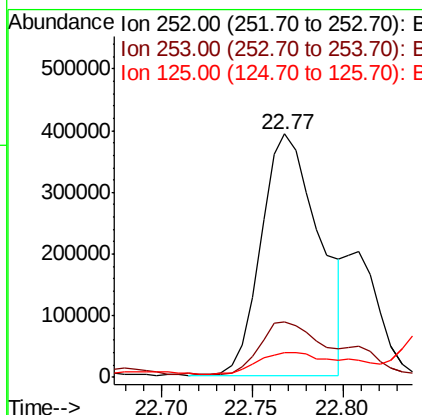
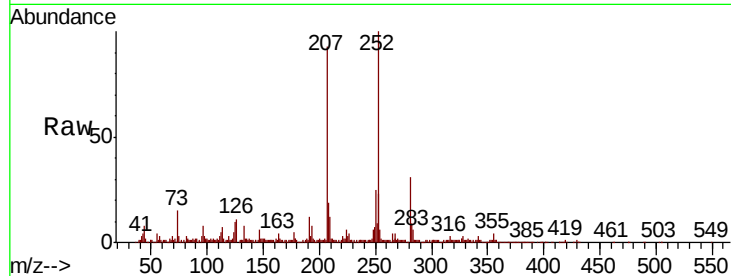
#88
Benzo(b)fluoranthene
Concen: 5.069 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Instrument :
BNA_M
ClientSampleID :
C0008

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.2	7.1	10.7

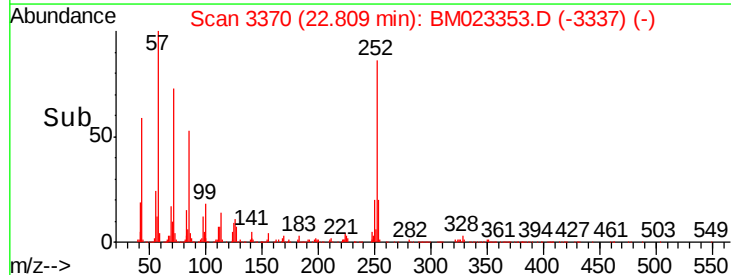
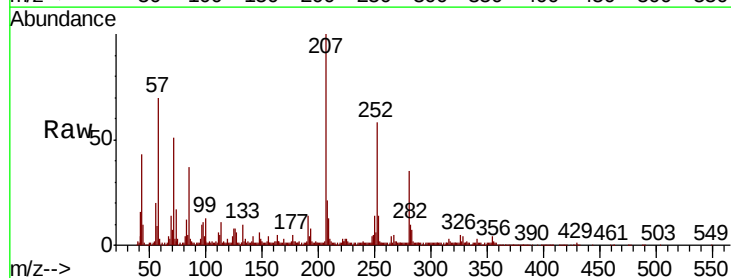
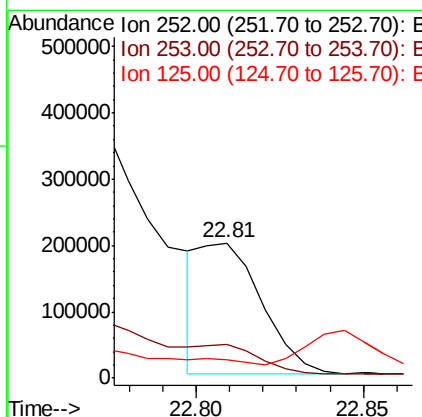
Manual Integrations
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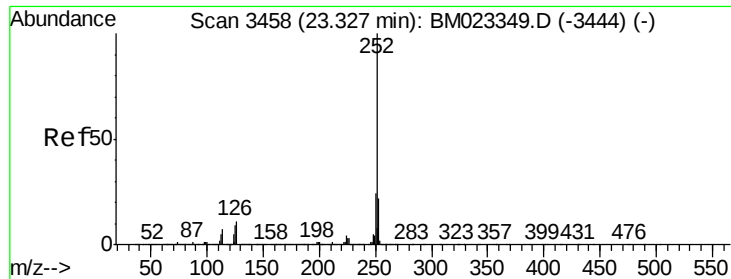
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#89
Benzo(k)fluoranthene
Concen: 1.547 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	13.4	6.8	10.2#





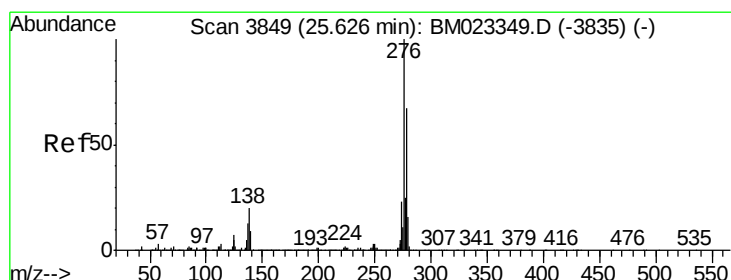
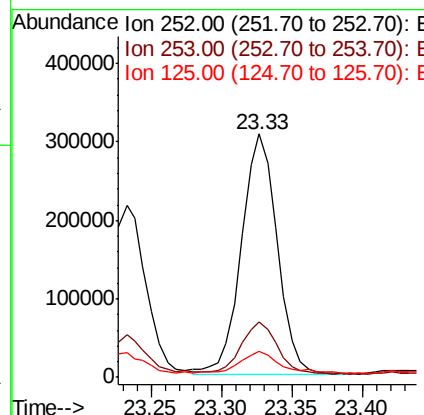
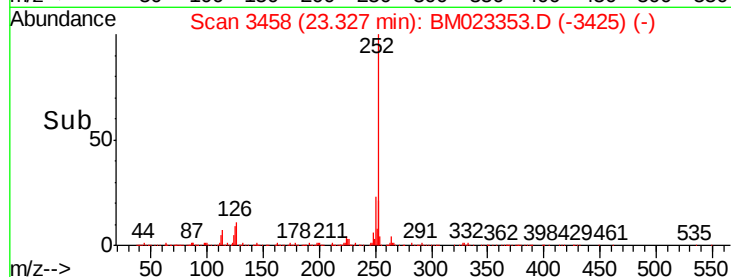
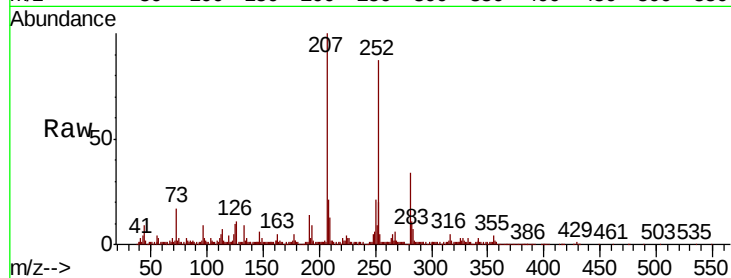
#91
Benzo(a)pyrene
Concen: 3.474 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Instrument :
BNA_M
ClientSampleId :
C0008

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.9	7.5	11.3

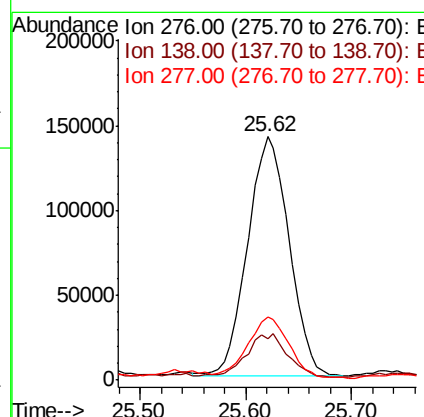
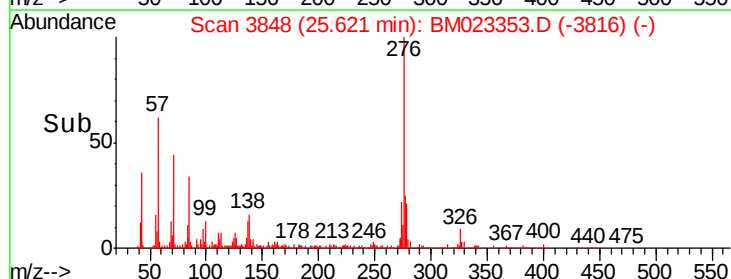
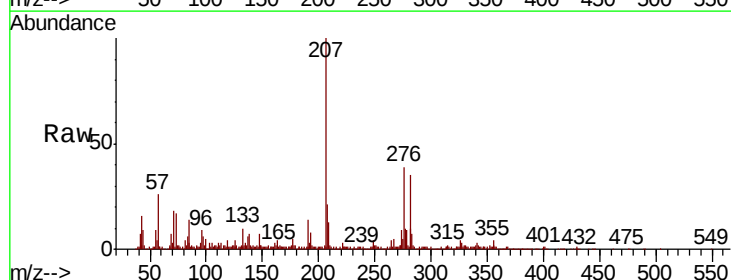
Manual Integrations
APPROVED

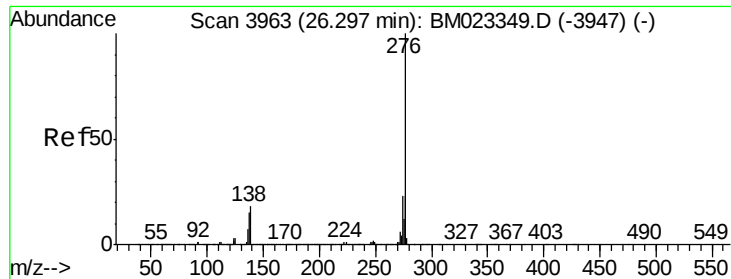
mohammad
10/24/2019 5:02:56 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.278 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM023353.D
Acq: 23 Oct 2019 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.7	23.5
277	26.0	20.2	30.2





#94

Benzo(a,h,i)perylene

Concen: 2.475 ng/ul

RT: 26.29 min Scan# 3962

Delta R.T. -0.01 min

Lab File: BM023353.D

Acq: 23 Oct 2019 21:59

Instrument :

BNA_M

ClientSampleId :

C0008

Tot Ion:	276	Resp:	340222
Ion Ratio	Lower	Upper	
276	100		
138	19.5	14.4	21.6
277	23.9	19.0	28.6

Manual Integrations
APPROVED

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10/24/2019 5:02:56 PM

