

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023963.D
 Acq On : 28 Nov 2019 21:25
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

Manual Integrations
 APPROVED

mohammad
 11/29/2019 8:51:48 AM

Quant Time: Nov 28 23:07:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 17:16:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	522721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	2174564	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	1362682	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2742847	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2617525	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	3311938	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	49903	4.25	ng/uL	0.00
5) Phenol-d5	6.67	99	1072046	23.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	638253	23.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	899789	25.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	811692	22.46	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	446048	26.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	515292	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	913143	25.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	990137	24.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	2821033	26.64	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	3565595	28.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	366854	20.61	ng/ul	0.00
58) Fluorene-d10	15.15	176	2546330	28.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	228233	13.25	ng/ul	0.00
71) Anthracene-d10	17.00	188	3782903	28.88	ng/ul	0.00
79) Pyrene-d10	19.30	212	3954200	29.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	5034802	28.76	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.70	94	113820	2.415 ng/ul	96
14) Acetophenone	8.31	105	149244	2.701 ng/ul	99
28) Naphthalene	10.30	128	141078	1.231 ng/ul	98
34) 2-Methylnaphthalene	11.93	142	99881	1.200 ng/ul	97
45) Dimethylphthalate	13.62	163	652869	6.299 ng/ul	99
70) Phenanthrene	16.94	178	327589	2.114 ng/ul	100
77) Fluoranthene	18.97	202	560554	3.373 ng/ul	99
80) Pyrene	19.33	202	588722	3.338 ng/ul	98
83) Benzo(a)anthracene	21.09	228	321043	1.835 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.04	149	587996	5.280 ng/ul	99
85) Chrysene	21.14	228	291401m	1.774 ng/ul	
88) Benzo(b)fluoranthene	22.62	252	532123	2.598 ng/ul#	78
91) Benzo(a)pyrene	23.16	252	343003	1.771 ng/ul#	82
94) Benzo(g,h,i)perylene	26.03	276	222056	1.103 ng/ul#	90

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

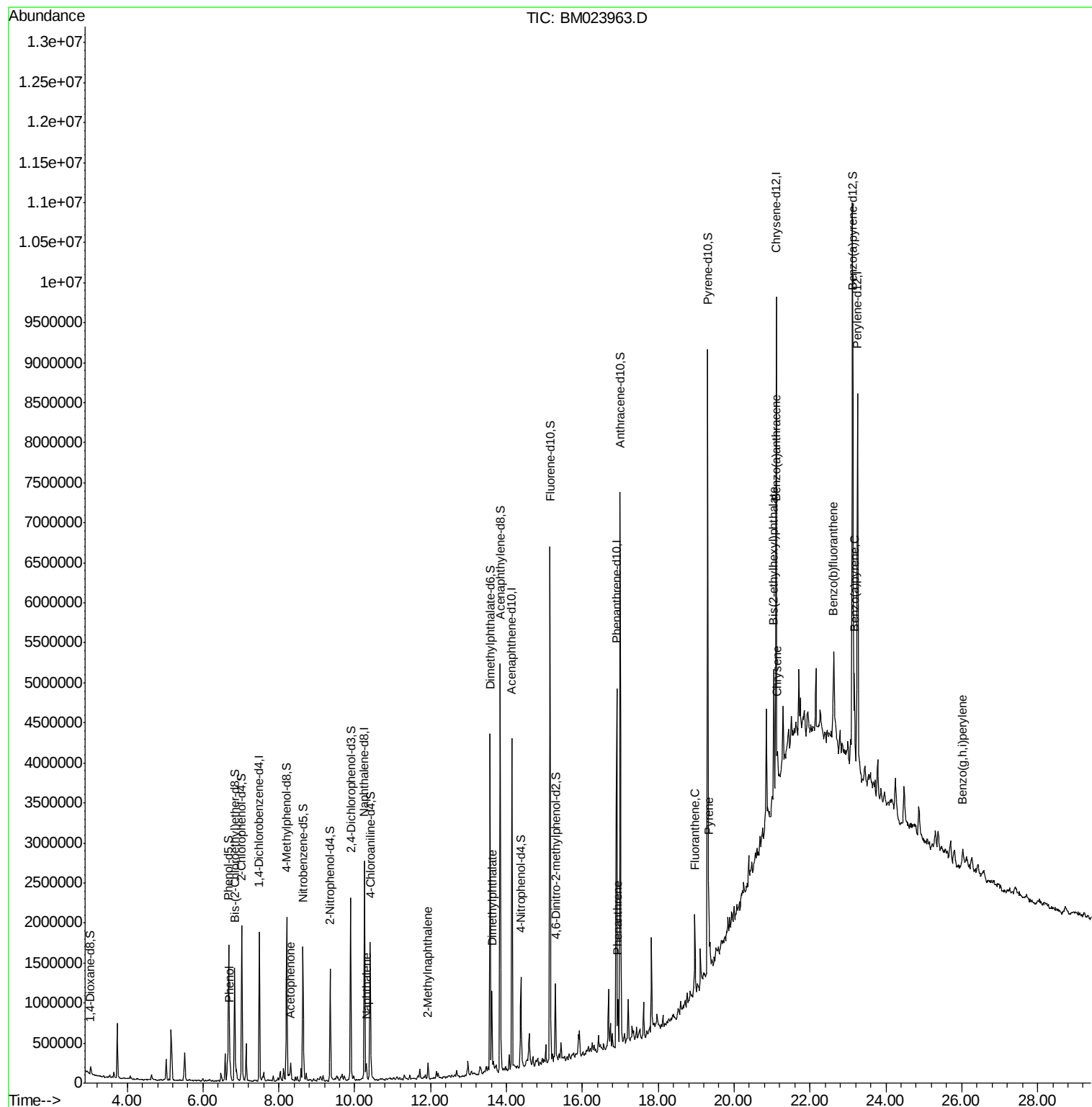
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023963.D
Acq On : 28 Nov 2019 21:25
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

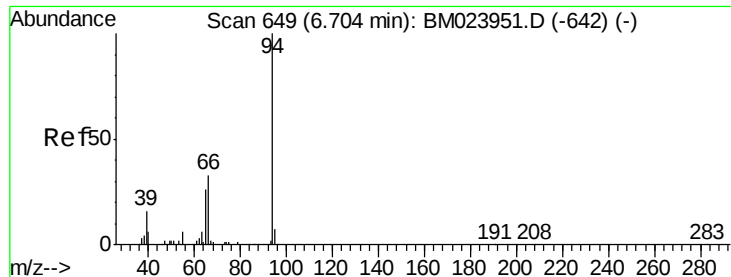
Instrument :
BNA_M
ClientSampled :
C0AD3

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Quant Time: Nov 28 23:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.415 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM023963.D

Acq: 28 Nov 2019 21:25

Instrument :

BNA_M

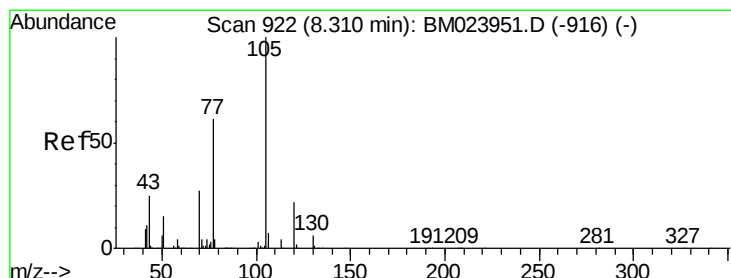
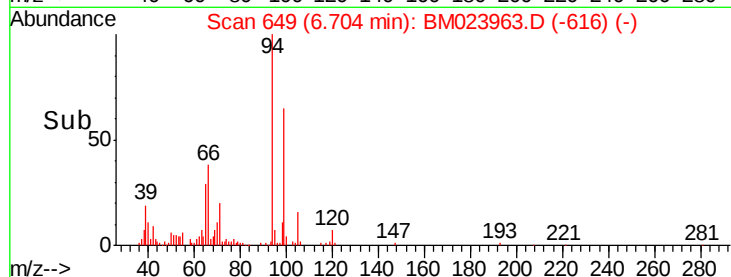
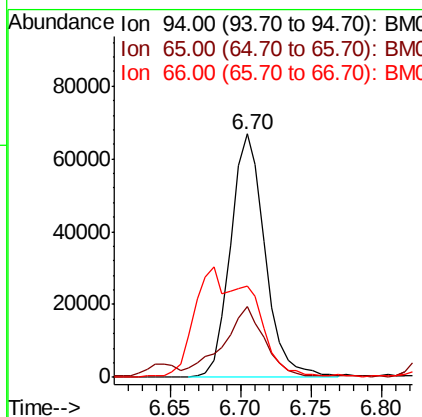
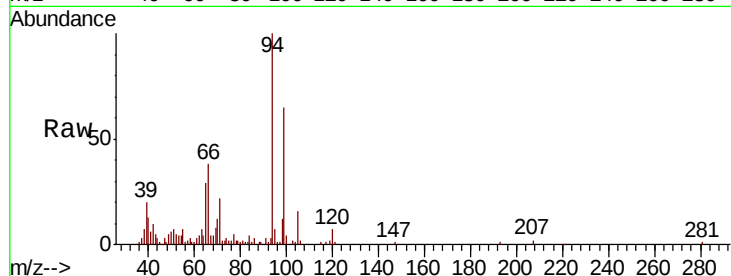
ClientSampleId :

C0AD3

Tot Ion:	94	Resp:	113820
Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.8	31.2
66	37.7	28.6	43.0

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#14

Acetophenone

Concen: 2.701 ng/ul

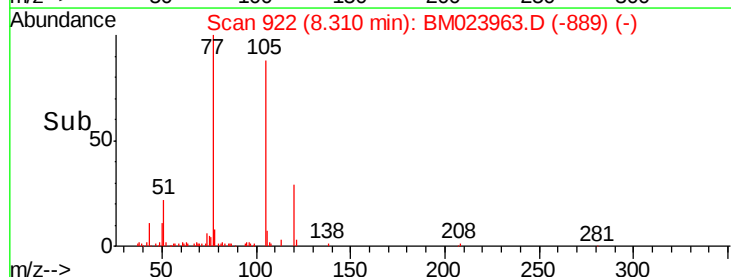
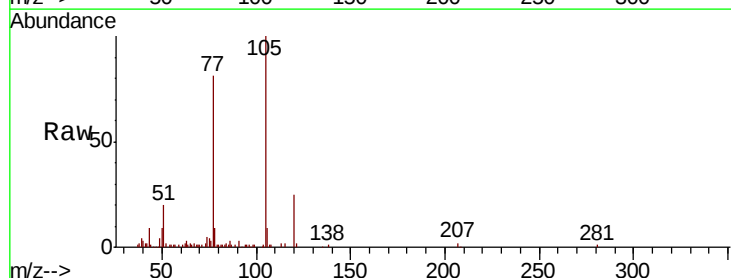
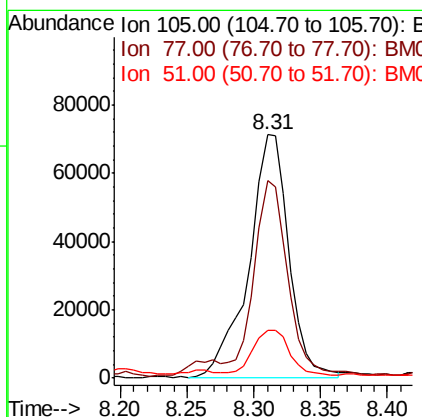
RT: 8.31 min Scan# 922

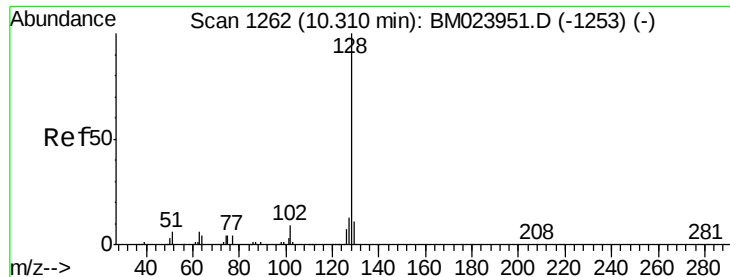
Delta R.T. -0.01 min

Lab File: BM023963.D

Acq: 28 Nov 2019 21:25

Tgt Ion:	105	Resp:	149244
Ion	Ratio	Lower	Upper
105	100		
77	81.2	64.2	96.2
51	19.8	16.7	25.1





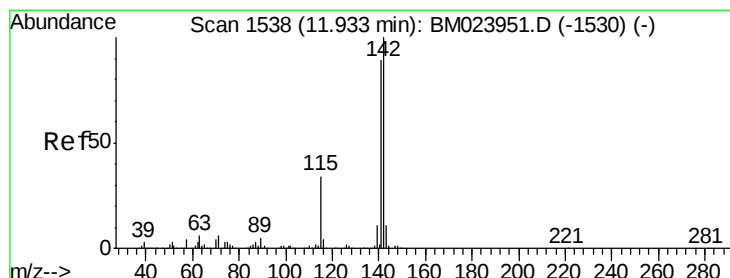
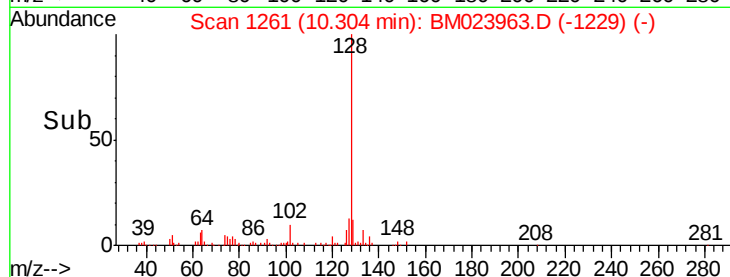
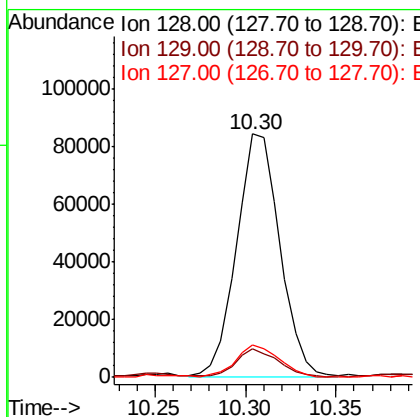
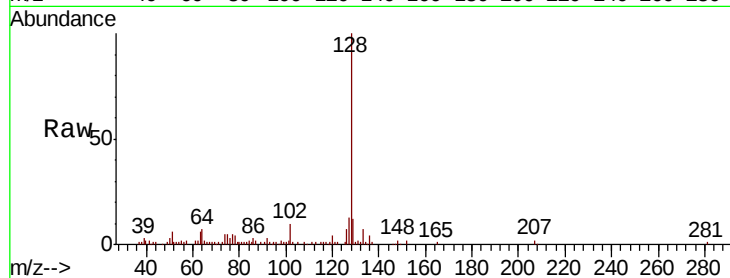
#28
Naphthalene
Concen: 1.231 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM023963.D
Acq: 28 Nov 2019 21:25

Instrument :
BNA_M
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.5	12.7
127	13.3	10.2	15.2

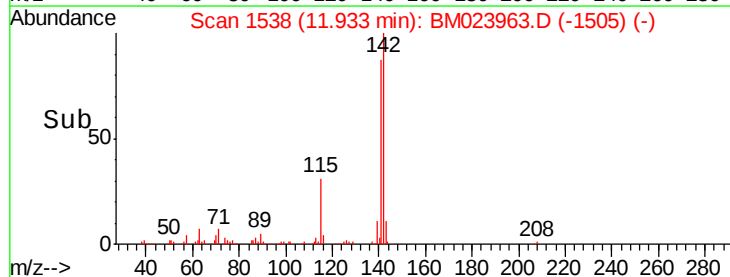
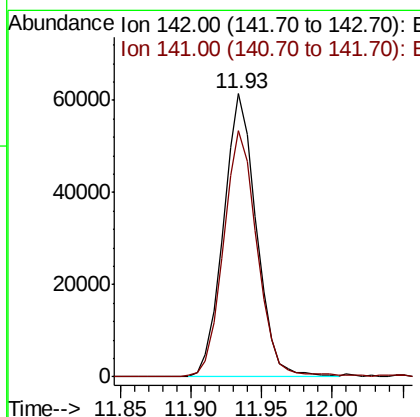
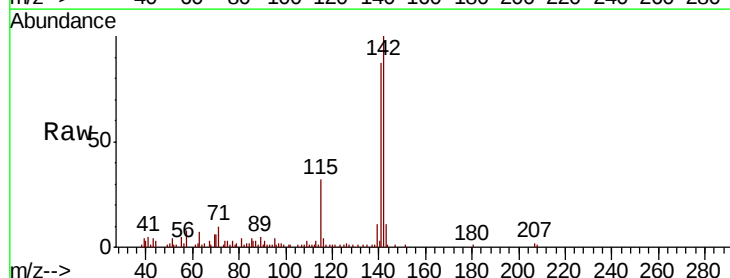
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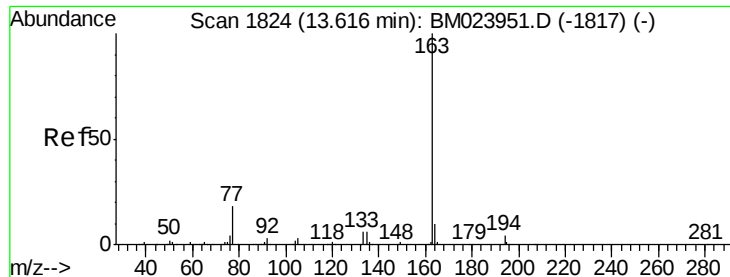
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#34
2-Methylnaphthalene
Concen: 1.200 ng/ul
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM023963.D
Acq: 28 Nov 2019 21:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.4	107.0





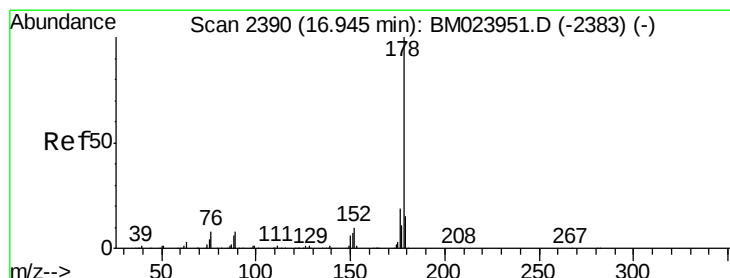
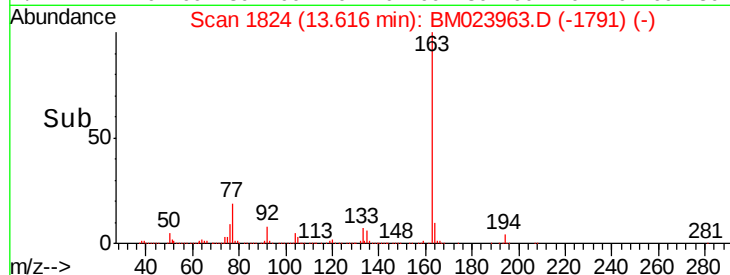
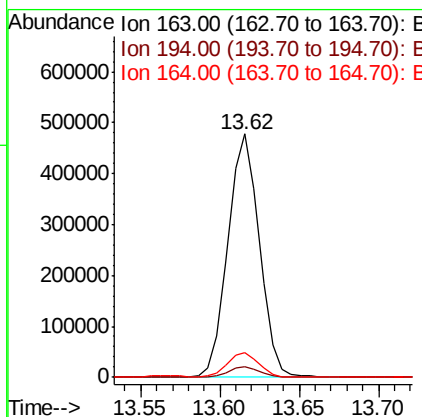
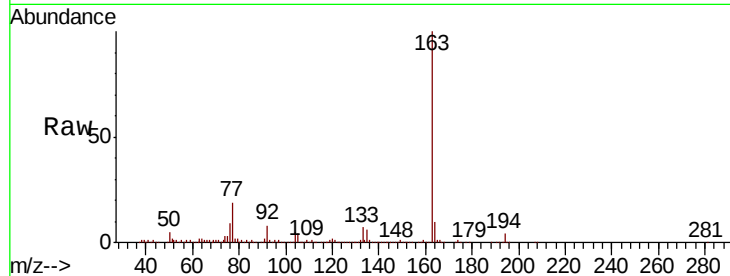
#45
Dimethylphthalate
Concen: 6.299 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM023963.D
Acq: 28 Nov 2019 21:25

Instrument :
BNA_M
ClientSampleId :
C0AD3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	652869		
194	4.4		3.2	4.8
164	10.4		8.0	12.0

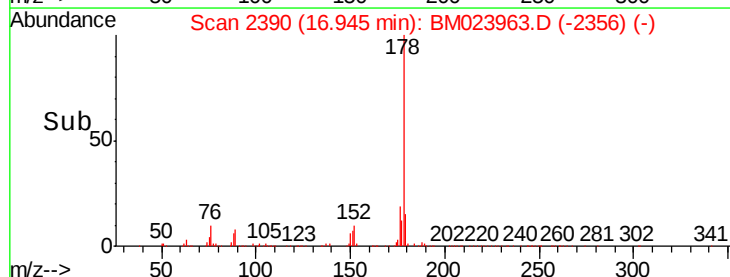
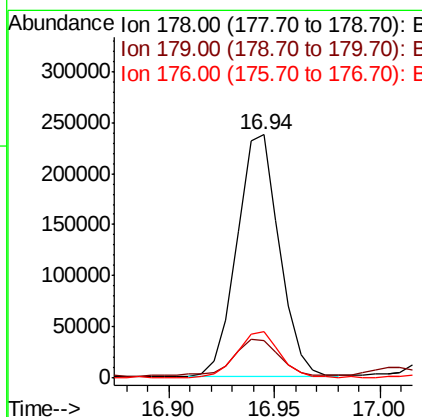
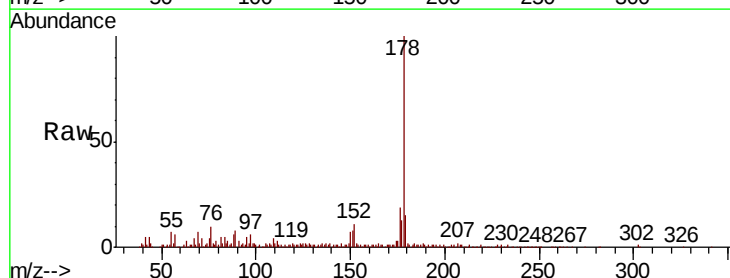
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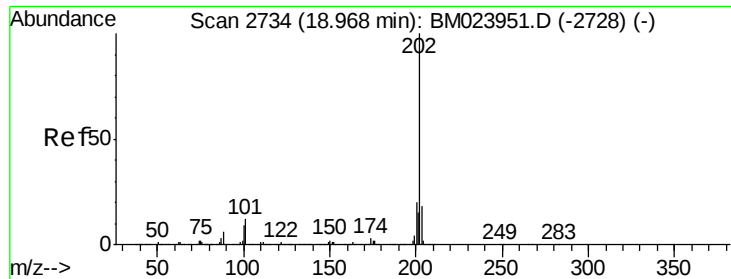
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#70
Phenanthrene
Concen: 2.114 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM023963.D
Acq: 28 Nov 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	327589		
179	15.3		12.4	18.6
176	19.3		15.3	22.9





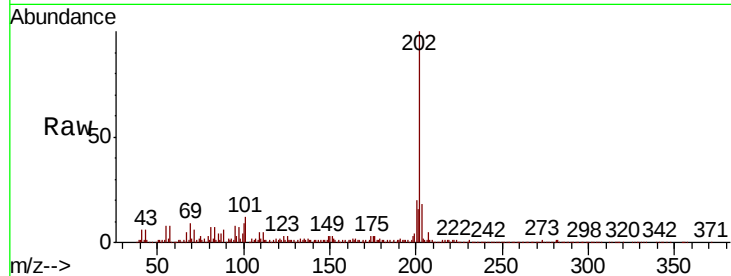
#77
Fluoranthene
 Concen: 3.373 ng/ul
 RT: 18.97 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BM023963.D
 Acq: 28 Nov 2019 21:25

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

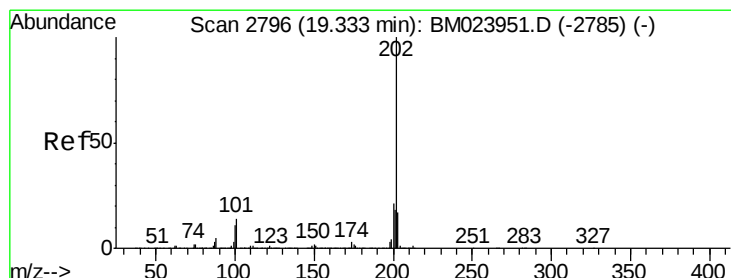
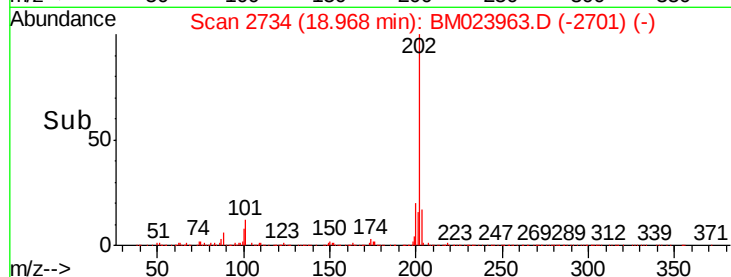
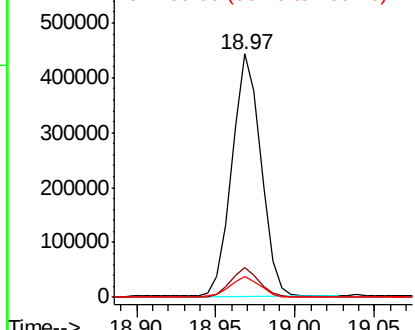
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	9.8	14.6
100	8.7	7.4	11.0

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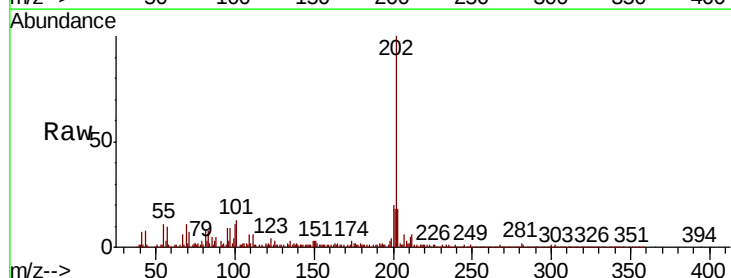


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

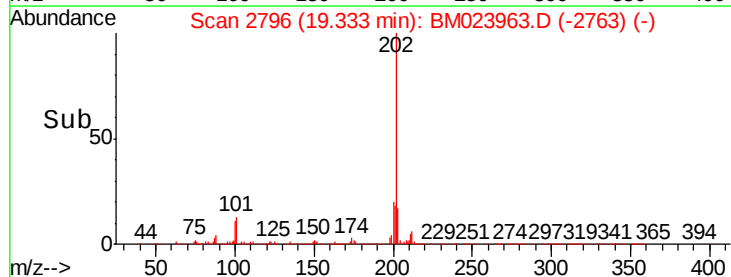
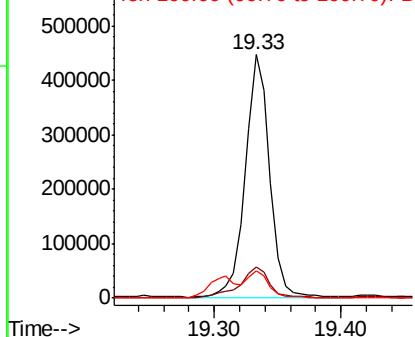


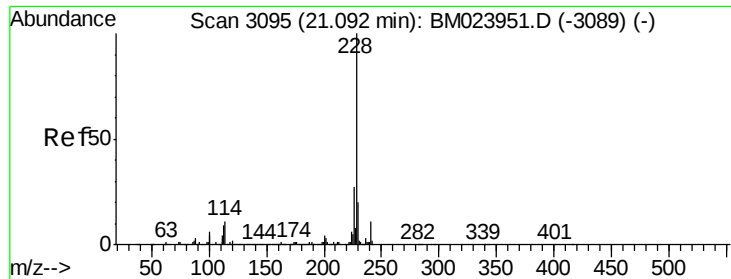
#80
Pyrene
 Concen: 3.338 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM023963.D
 Acq: 28 Nov 2019 21:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	11.5	17.3
100	11.4	9.1	13.7



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: 1.835 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM023963.D

Acq: 28 Nov 2019 21:25

Instrument :

BNA_M

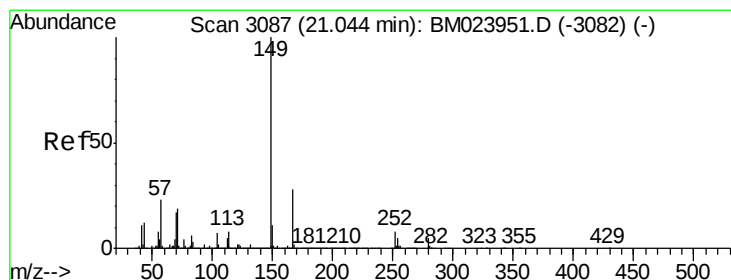
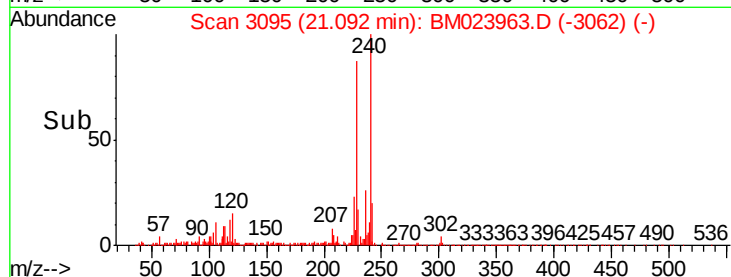
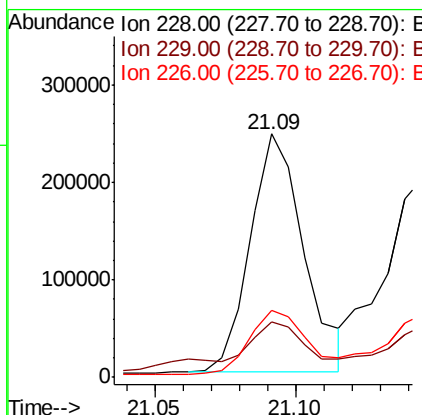
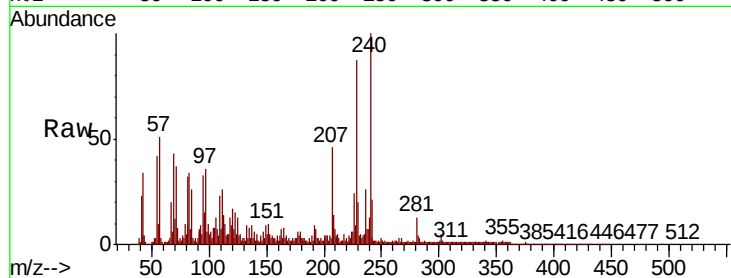
ClientSampleId :

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Tot Ion:	228	Resp:	321043
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.5	23.3
226	27.7	21.7	32.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 5.280 ng/ul

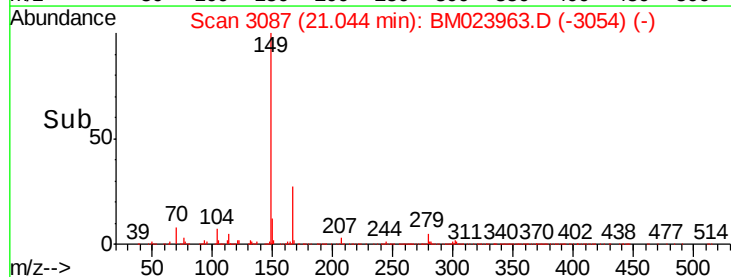
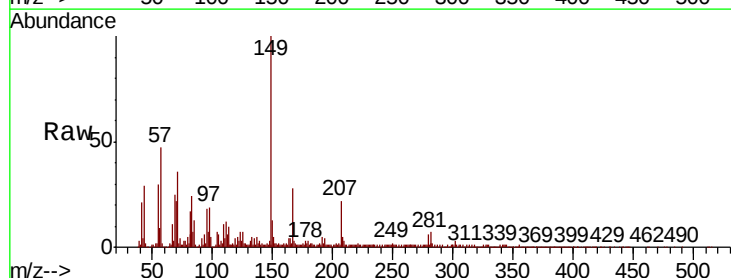
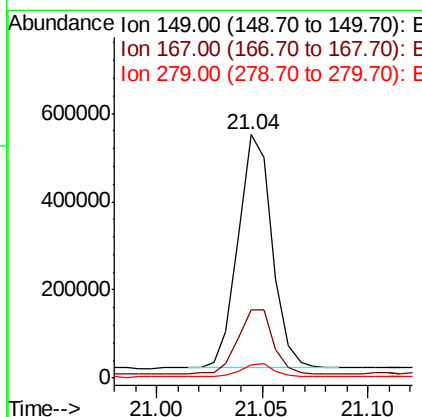
RT: 21.04 min Scan# 3087

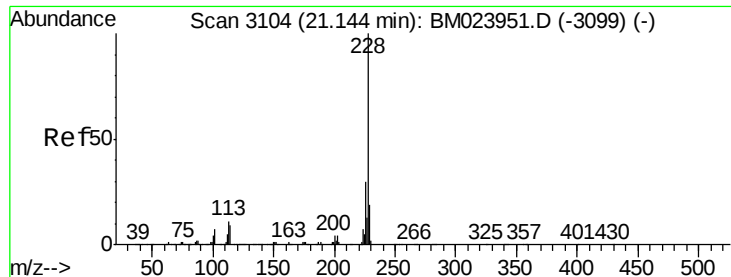
Delta R.T. -0.01 min

Lab File: BM023963.D

Acq: 28 Nov 2019 21:25

Tgt Ion:	149	Resp:	587996
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.9	32.9
279	5.6	3.9	5.9





#85

Chrysene

Concen: 1.774 ng/ul m

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM023963.D

Acq: 28 Nov 2019 21:25

Instrument :

BNA_M

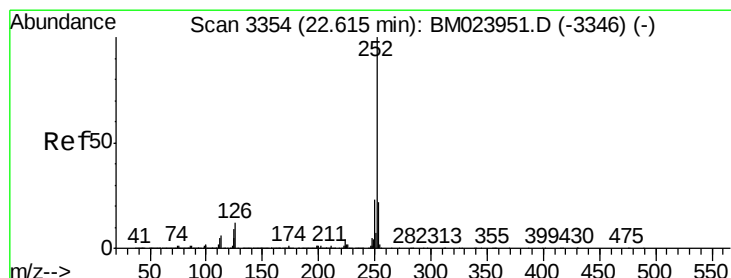
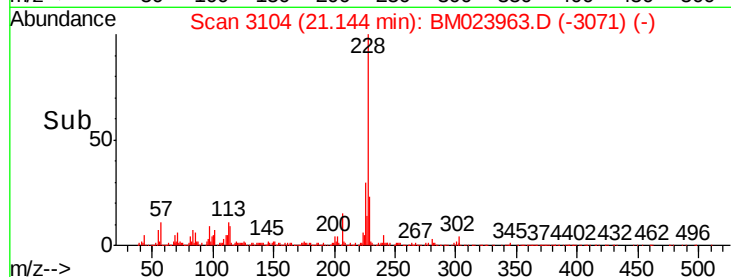
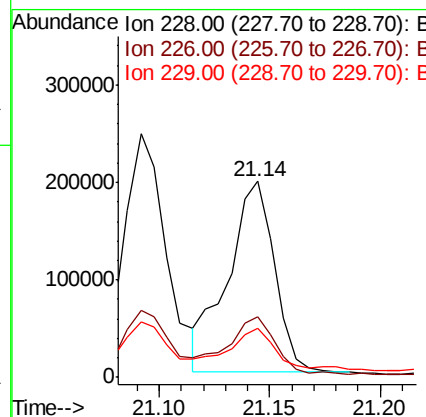
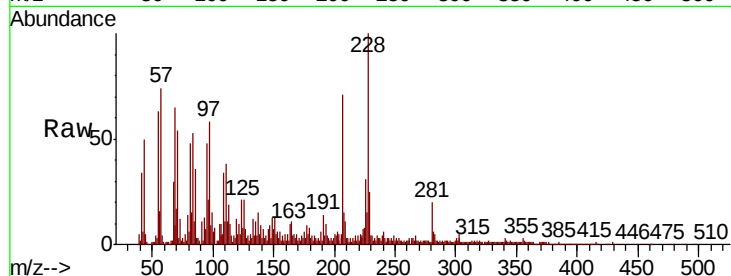
ClientSampled :

C0AD3

Tot Ion:	228	Resp:	291401
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.8	35.8
229	25.2	15.6	23.4#

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#88

Benzo(b)fluoranthene

Concen: 2.598 ng/ul

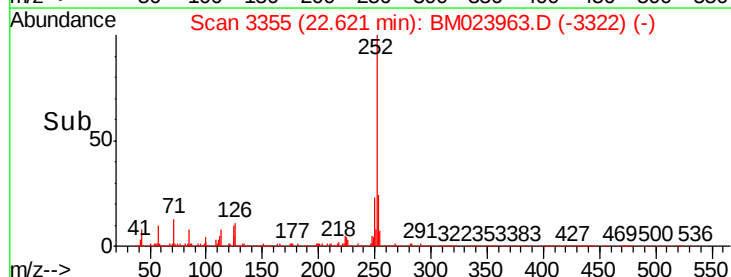
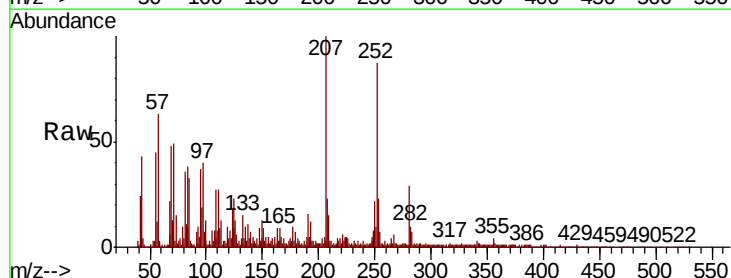
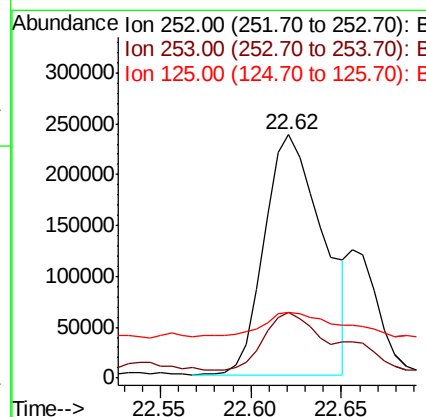
RT: 22.62 min Scan# 3355

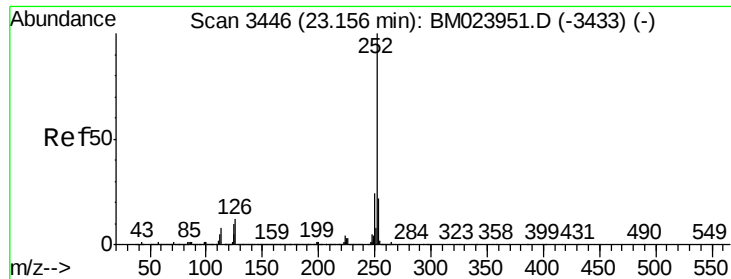
Delta R.T. -0.01 min

Lab File: BM023963.D

Acq: 28 Nov 2019 21:25

Tgt Ion:	252	Resp:	532123
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.2	25.8#
125	26.7	7.1	10.7#





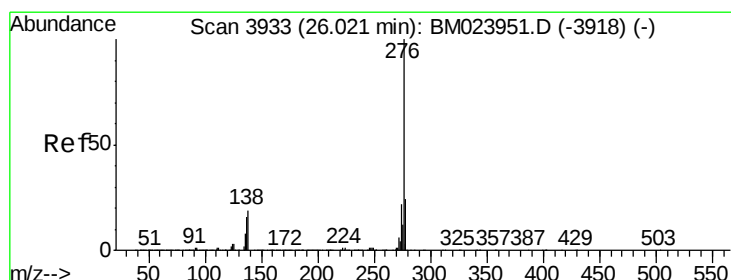
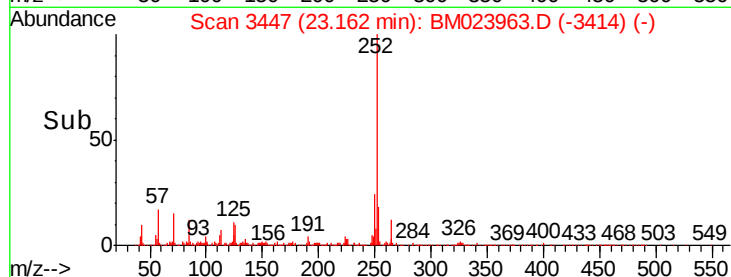
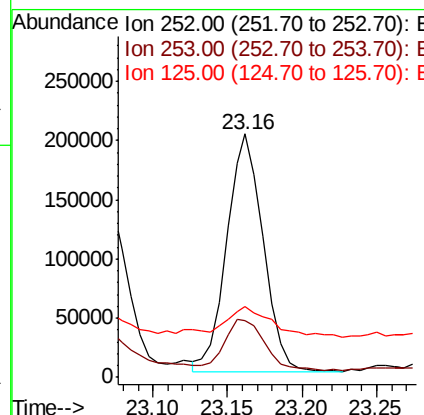
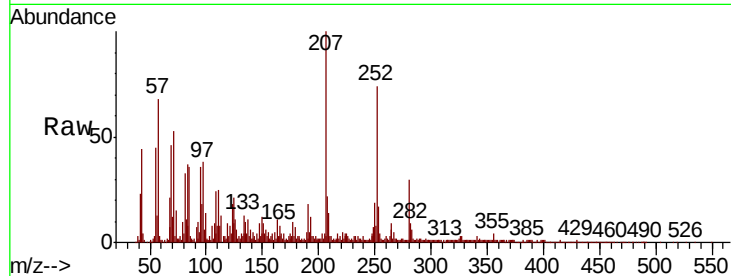
#91
Benzo(a)pyrene
Concen: 1.771 ng/ul
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM023963.D
Acq: 28 Nov 2019 21:25

Instrument :
BNA_M
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	28.9	8.6	12.8#

Manual Integrations
APPROVED

mohammad
11/29/2019 8:51:48 AM



#94
Benzo(g,h,i)perylene
Concen: 1.103 ng/ul
RT: 26.03 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BM023963.D
Acq: 28 Nov 2019 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	14.2	21.2#
277	28.0	18.8	28.2

