

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
 Data File : BM023326.D
 Acq On : 22 Oct 2019 19:32
 Operator : JU
 Sample : K5345-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOJ6DL

Manual Integrations
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mohammad
 10/24/2019 8:08:41 AM

Quant Time: Oct 23 01:46:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 01:39:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	379688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1503308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	932822	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1979018	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2199632	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2655385	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	6754	0.78	ng/uL	0.00
5) Phenol-d5	6.82	99	120148	3.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	69511	3.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	94891	3.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	94037	3.54	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	44083	4.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	45300	4.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	95564	3.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	99561	3.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	321432	4.50	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	356890	4.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	30814	2.66	ng/ul	0.00
58) Fluorene-d10	15.29	176	286996	4.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	25558	3.26	ng/ul	0.00
71) Anthracene-d10	17.13	188	468204	4.91	ng/ul	0.00
79) Pyrene-d10	19.43	212	554327	5.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	664666	4.94	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.47	128	222039	2.858 ng/ul	99
45) Dimethylphthalate	13.76	163	76646	1.071 ng/ul	100
48) Acenaphthylene	14.01	152	396471	4.625 ng/ul	99
50) Acenaphthene	14.36	153	87317	1.463 ng/ul	96
70) Phenanthrene	17.07	178	483273	4.351 ng/ul	98
72) Anthracene	17.17	178	998297	8.698 ng/ul	100
75) Carbazole	17.43	167	148881	1.452 ng/ul	99
77) Fluoranthene	19.10	202	2360765	17.873 ng/ul	99
80) Pyrene	19.46	202	2419255	17.557 ng/ul	100
83) Benzo(a)anthracene	21.22	228	1996245	13.394 ng/ul	94
85) Chrysene	21.26	228	2938371	21.233 ng/ul	98
88) Benzo(b)fluoranthene	22.78	252	5044009	31.330 ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	1685740m	10.904 ng/ul	
91) Benzo(a)pyrene	23.34	252	2484785	16.087 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	2312396	12.584 ng/ul	97
93) Dibenzo(a,h)anthracene	25.64	278	591936	3.853 ng/ul#	87
94) Benzo(g,h,i)perylene	26.31	276	2136808	14.124 ng/ul	99

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

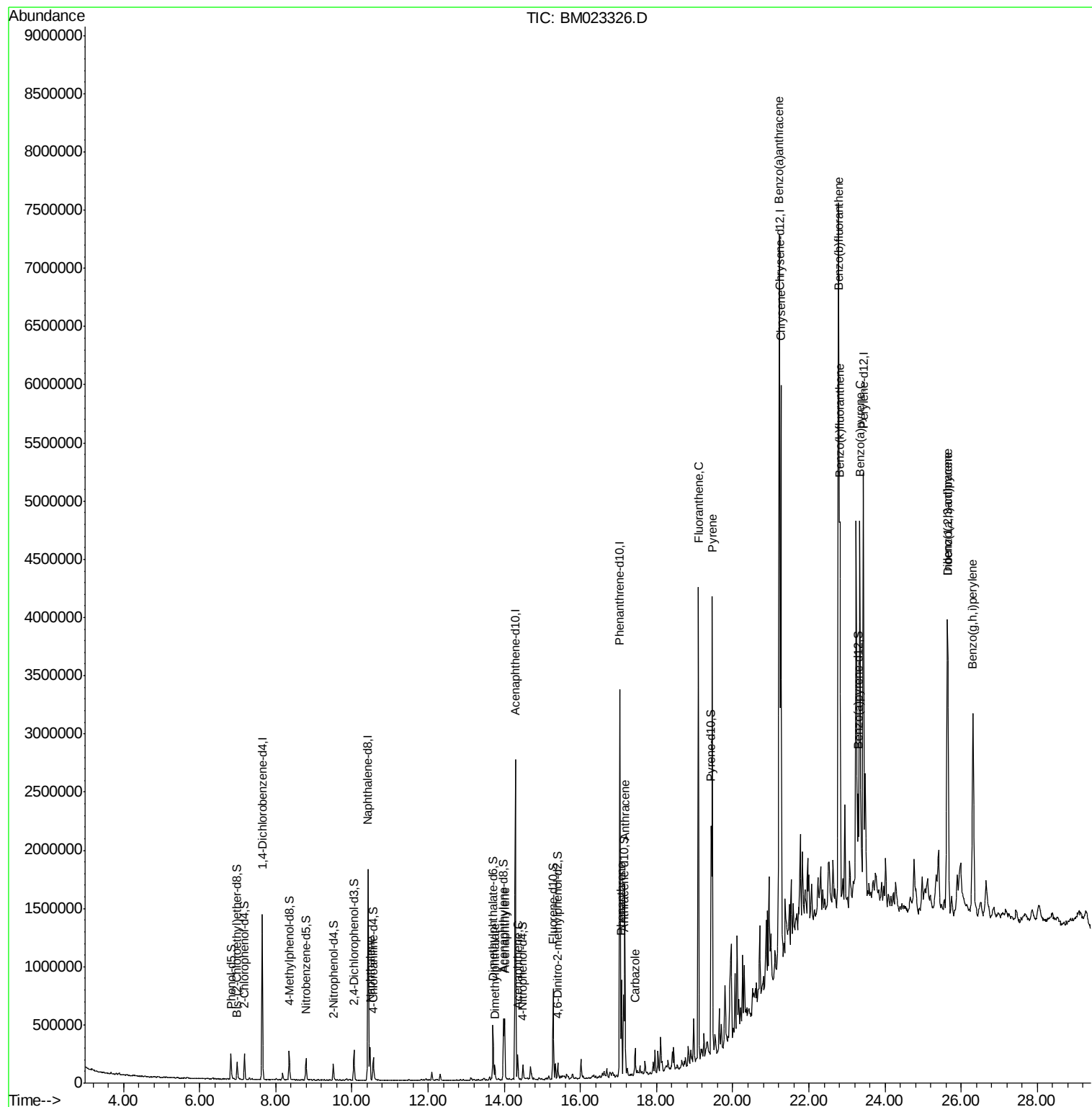
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023326.D
Acq On : 22 Oct 2019 19:32
Operator : JU
Sample : K5345-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

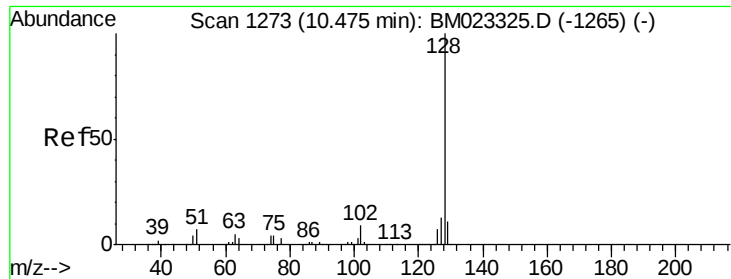
Instrument :
BNA_M
ClientSampled :
ETOJ6DL

Quant Time: Oct 23 01:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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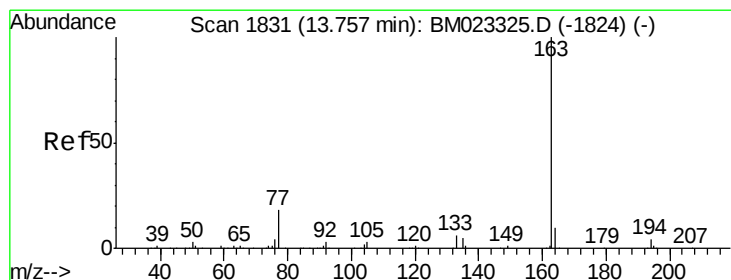
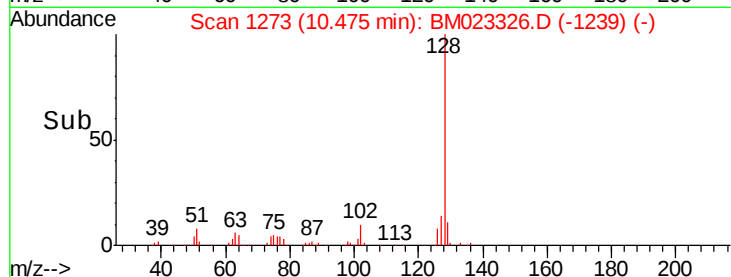
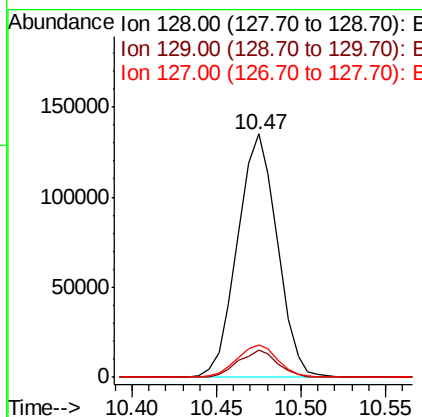
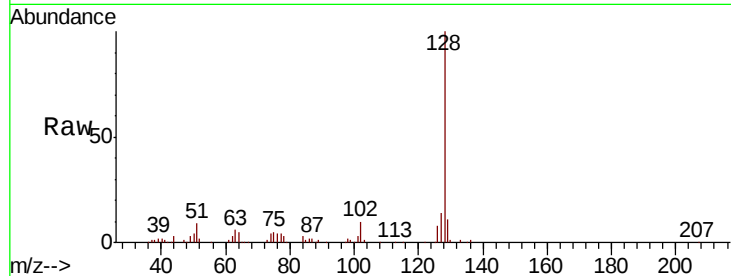
#28
Naphthalene
Concen: 2.858 ng/ul
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.2	15.4

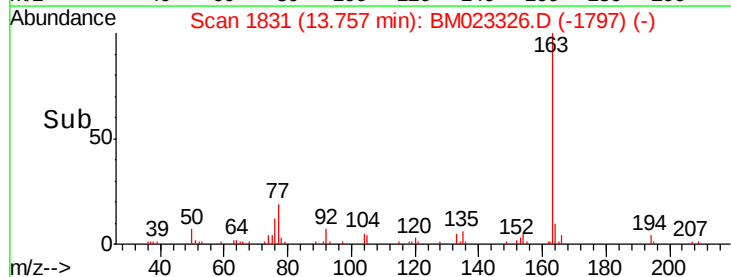
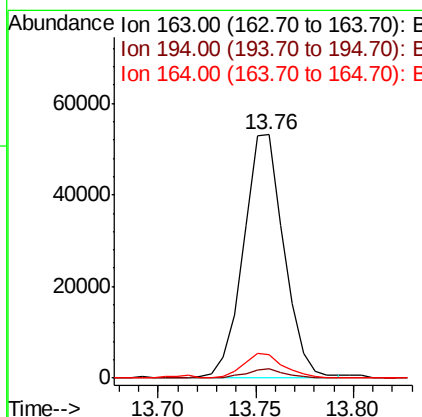
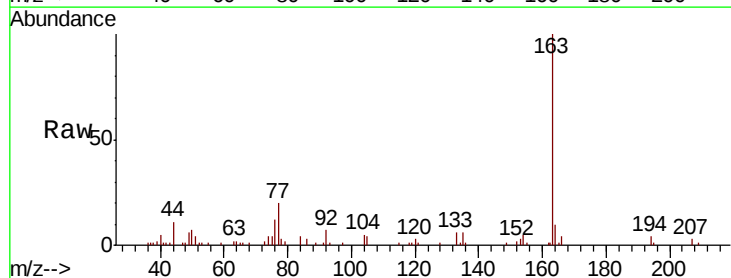
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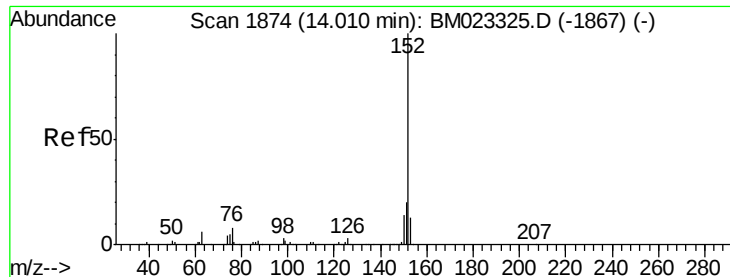
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#45
Dimethylphthalate
Concen: 1.071 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.6	7.8	11.6





#48

Acenaphthylene

Concen: 4.625 ng/ul

RT: 14.01 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM023326.D

Acq: 22 Oct 2019 19:32

Instrument :

BNA_M

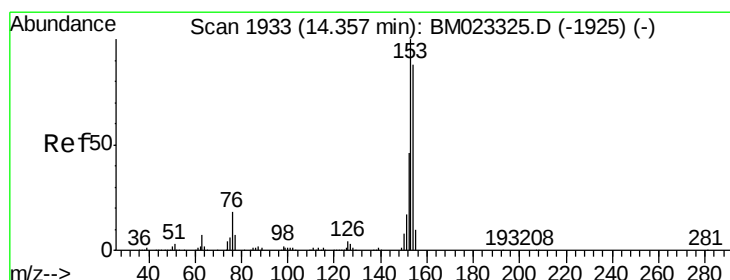
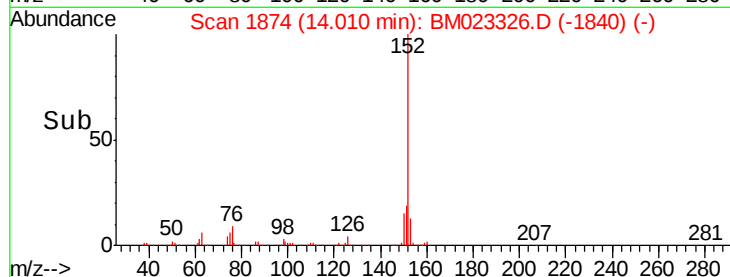
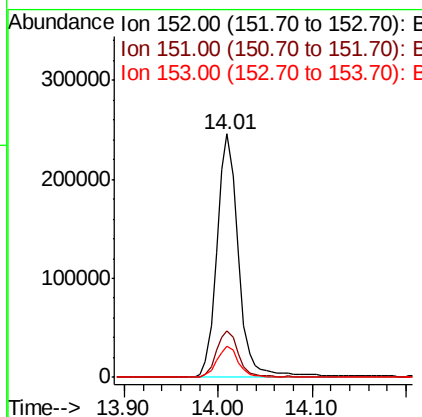
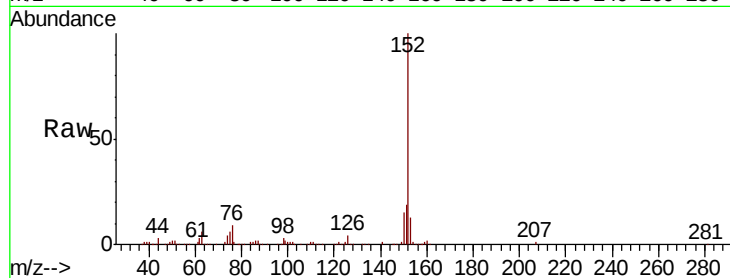
ClientSampleId :

ETOJ6DL

Tot Ion:	152	Resp:	396471
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.9	23.9
153	12.8	10.3	15.5

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#50

Acenaphthene

Concen: 1.463 ng/ul

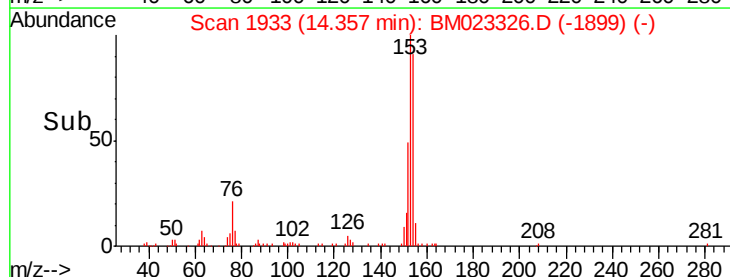
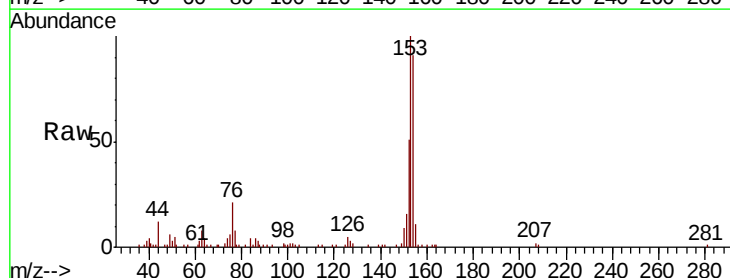
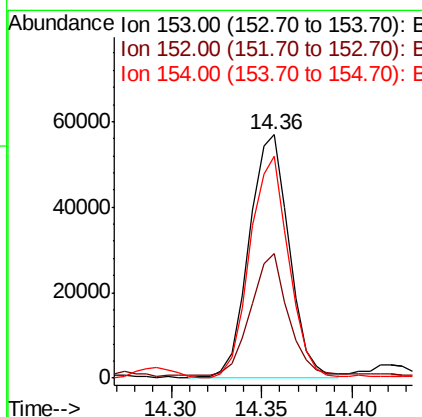
RT: 14.36 min Scan# 1933

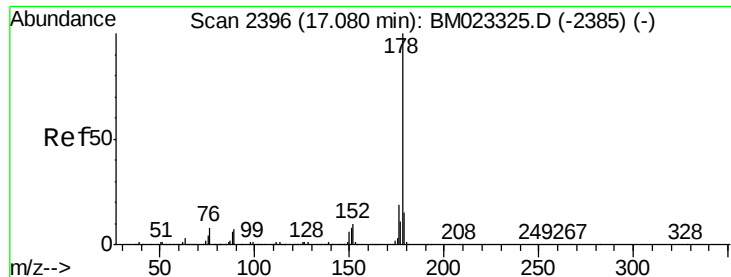
Delta R.T. 0.00 min

Lab File: BM023326.D

Acq: 22 Oct 2019 19:32

Tgt Ion:	153	Resp:	87317
Ion Ratio	Lower	Upper	
153	100		
152	51.4	37.4	56.0
154	91.0	70.7	106.1





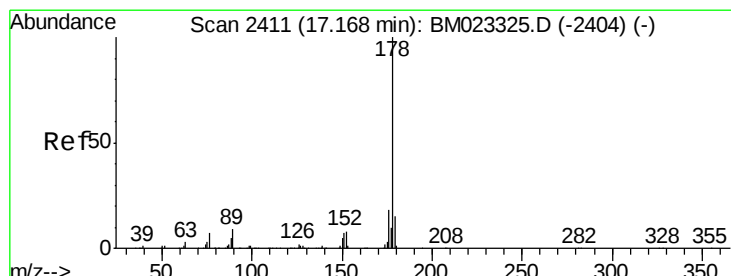
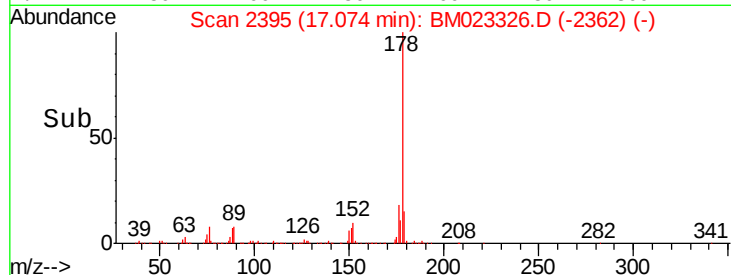
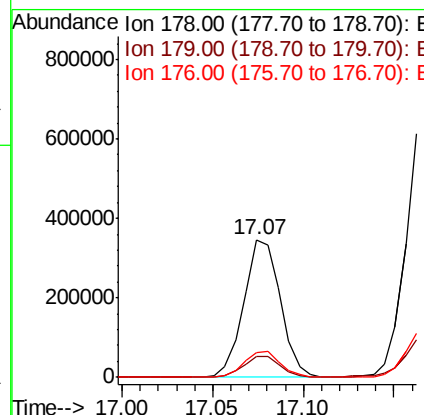
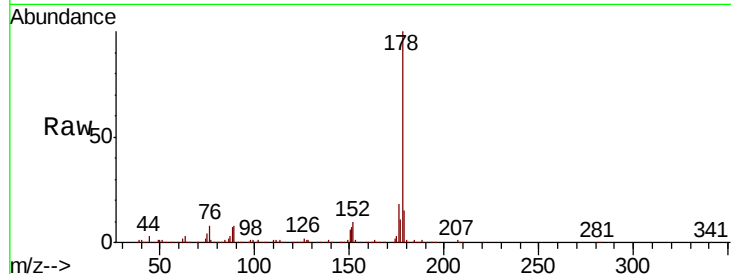
#70
Phenanthrene
Concen: 4.351 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	17.9	15.0	22.4

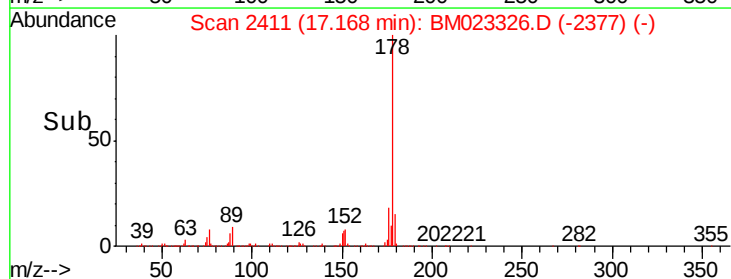
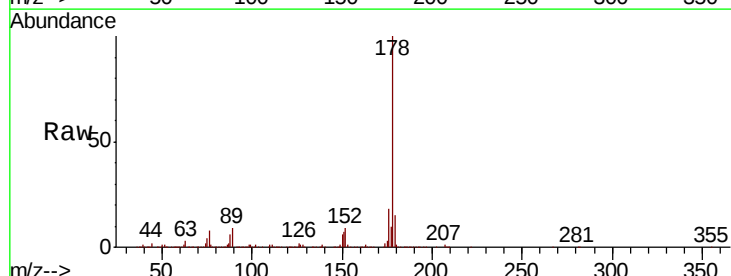
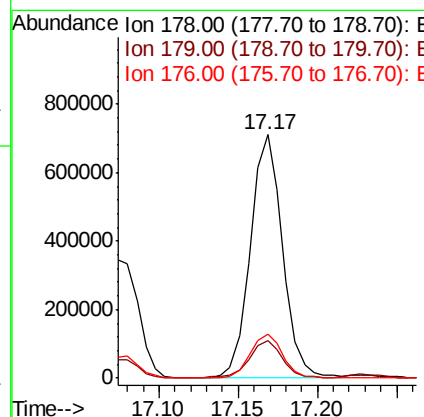
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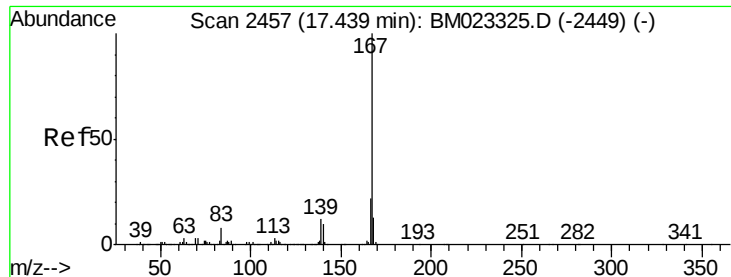
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#72
Anthracene
Concen: 8.698 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.2	14.8	22.2





#75

Carbazole

Concen: 1.452 ng/ul

RT: 17.43 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BM023326.D

Acq: 22 Oct 2019 19:32

Instrument :

BNA_M

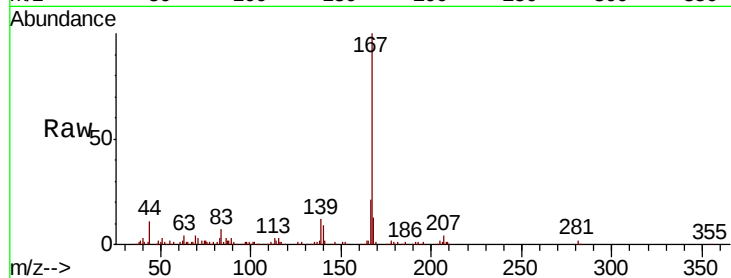
ClientSampleId :

ETOJ6DL

Tot Ion:	167	Resp:	148881
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.0	25.6
139	12.2	10.5	15.7

Manual Integrations
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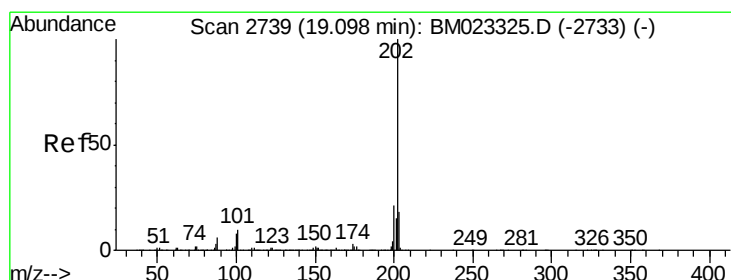
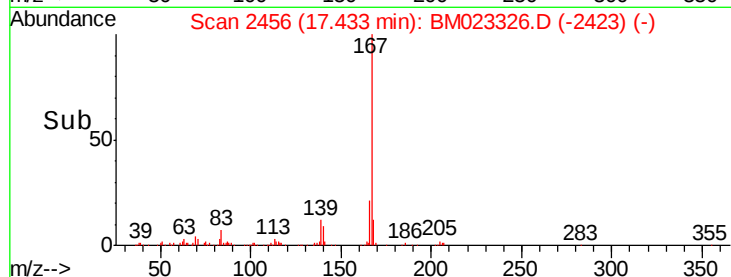
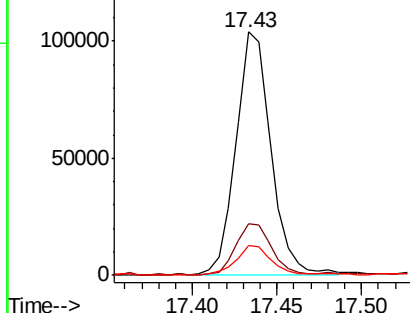


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 17.873 ng/ul

RT: 19.10 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BM023326.D

Acq: 22 Oct 2019 19:32

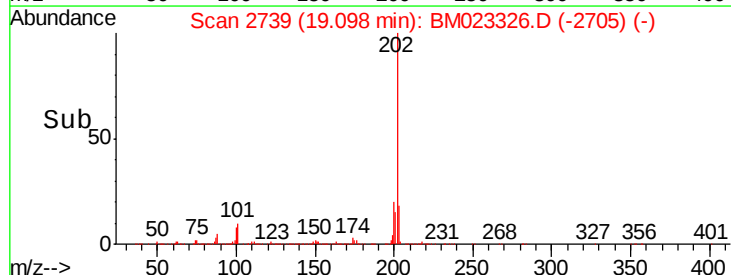
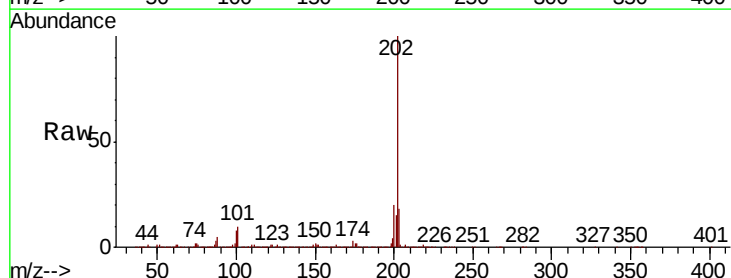
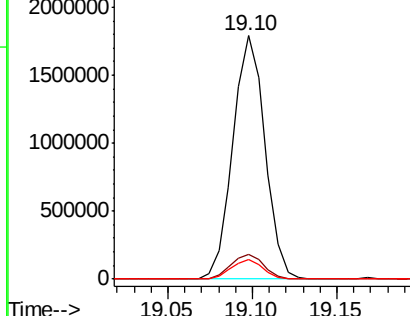
Tgt Ion:	202	Resp:	2360765
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.2	12.4
100	8.2	6.1	9.1

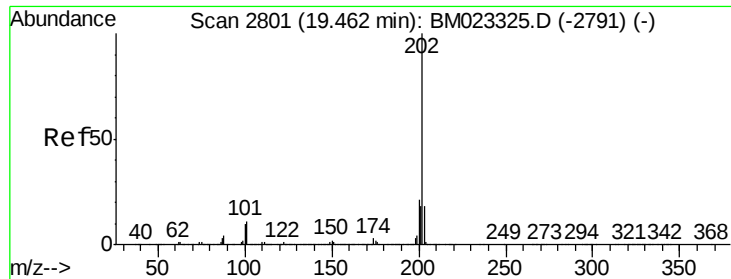
Abundance

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





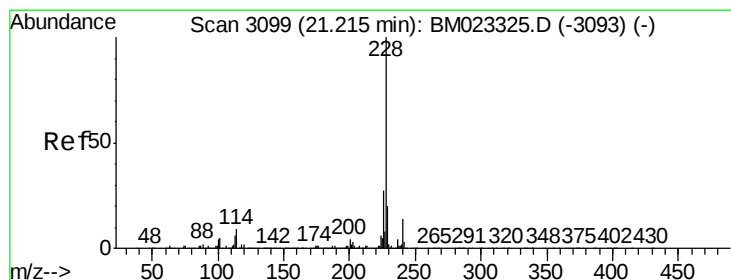
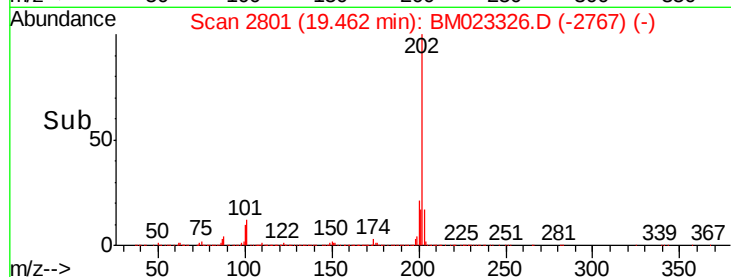
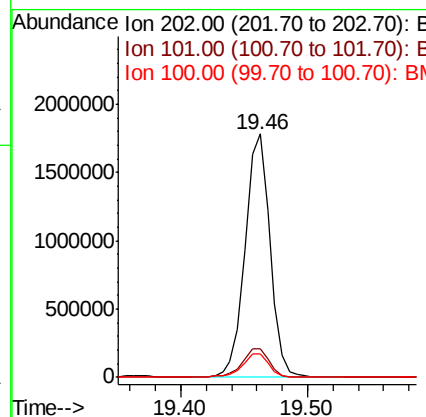
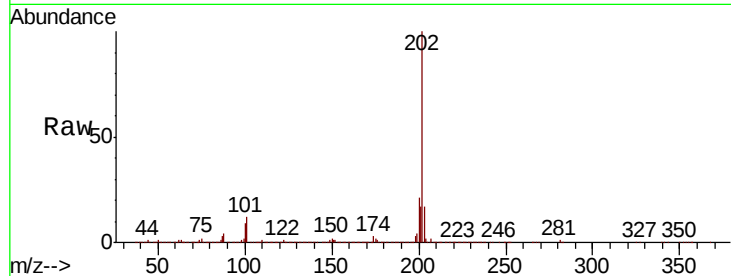
#80
Pvrene
Concen: 17.557 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.6
100	9.5	7.5	11.3

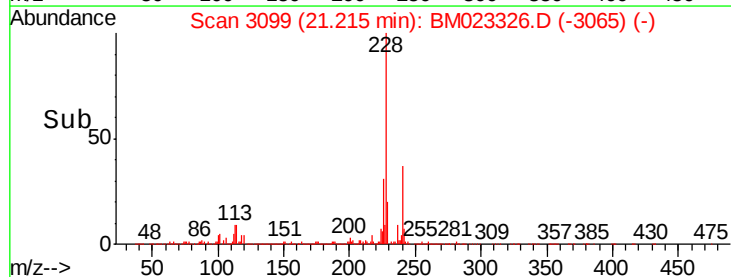
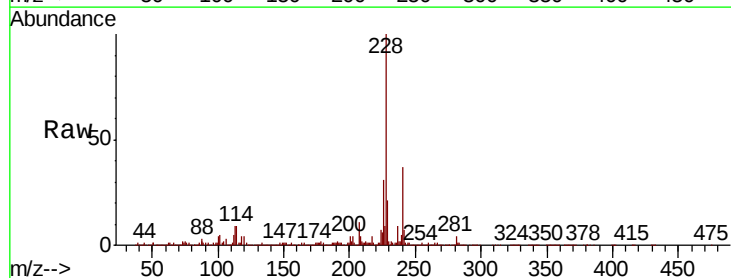
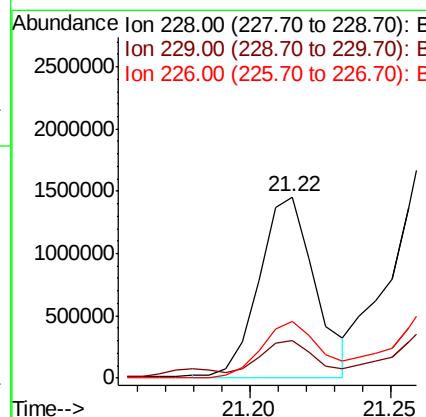
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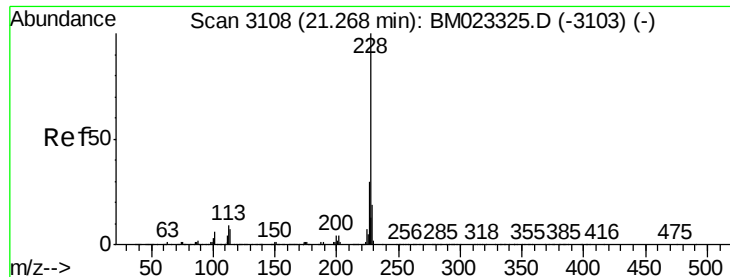
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#83
Benzo(a)anthracene
Concen: 13.394 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	31.2	21.5	32.3





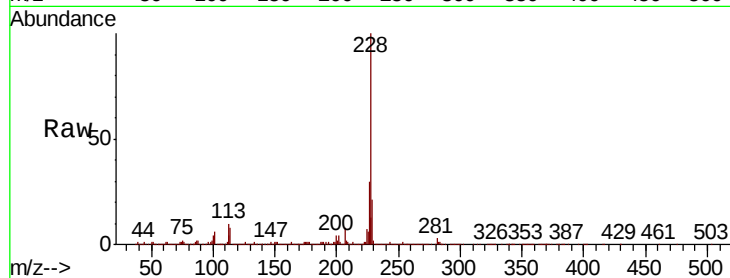
#85
Chrysene
Concen: 21.233 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	21.1	15.5	23.3

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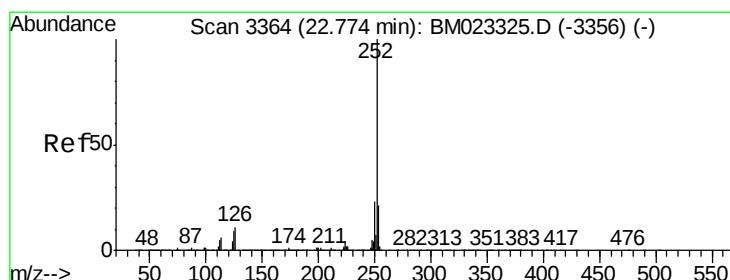
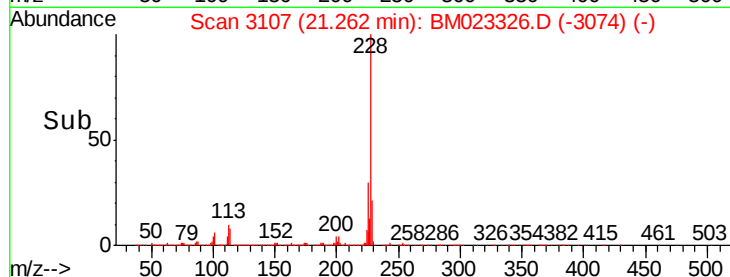
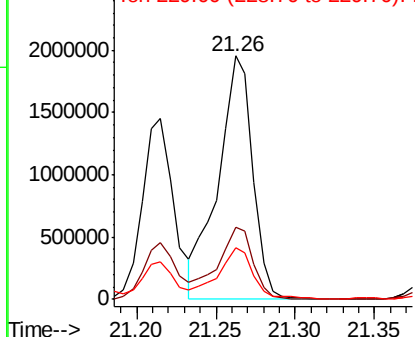


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88
Benzo(b)fluoranthene
Concen: 31.330 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

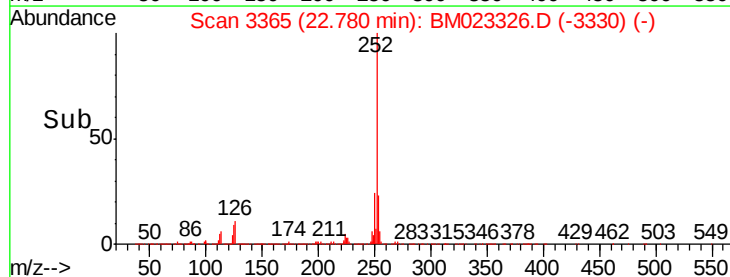
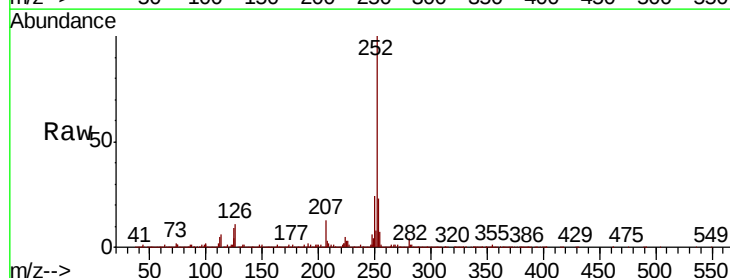
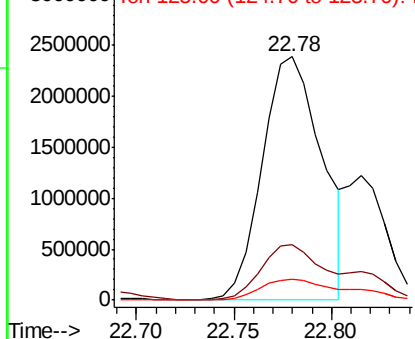
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	8.8	7.0	10.4

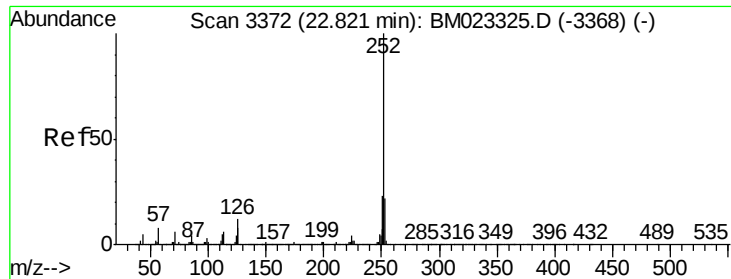
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





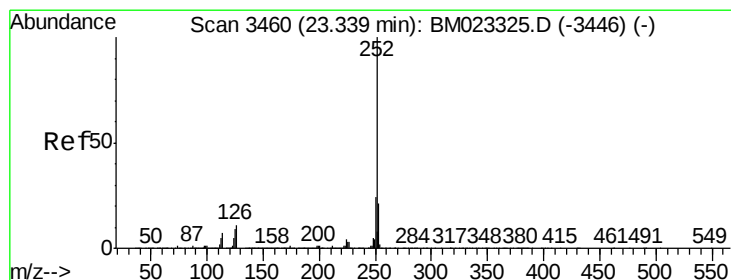
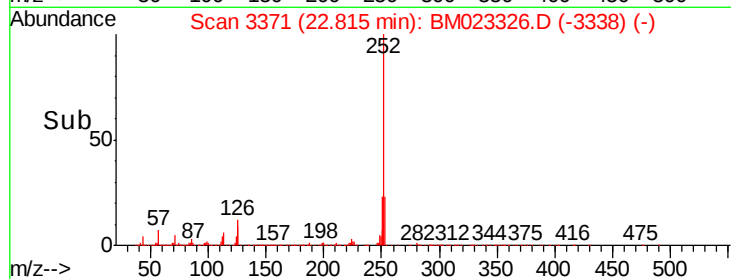
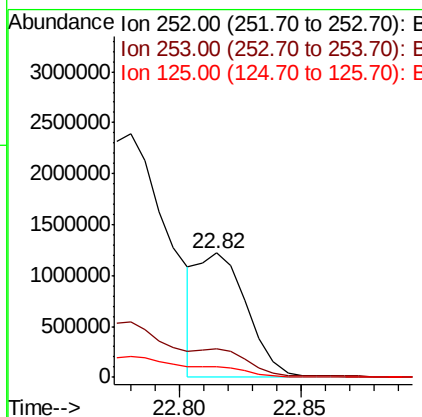
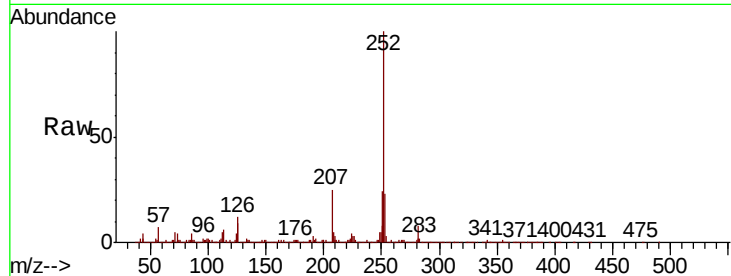
#89
Benzo(k)fluoranthene
Concen: 10.904 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	8.8	6.6	9.8

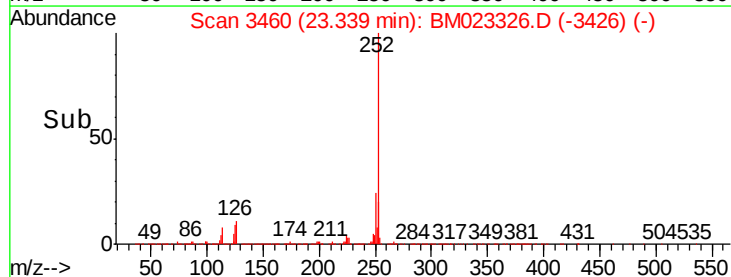
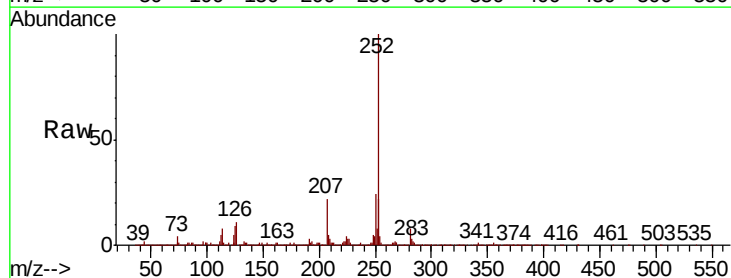
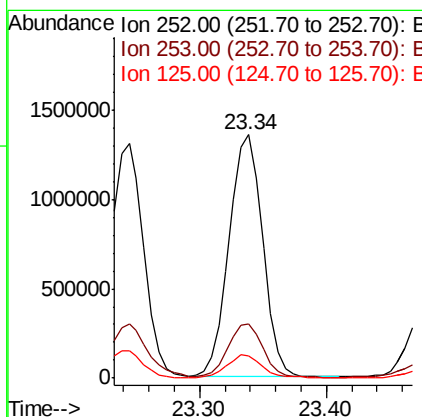
Manual Integrations
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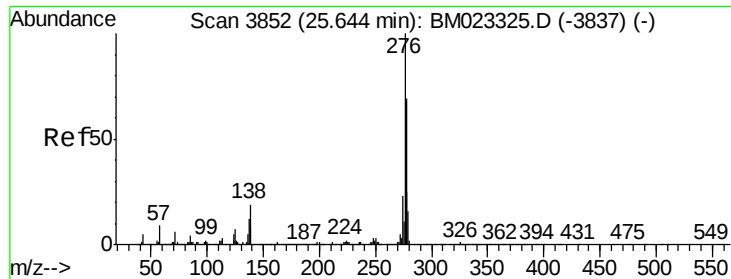
mohammad
10/24/2019 8:08:41 AM



#91
Benzo(a)pyrene
Concen: 16.087 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.3	7.1	10.7





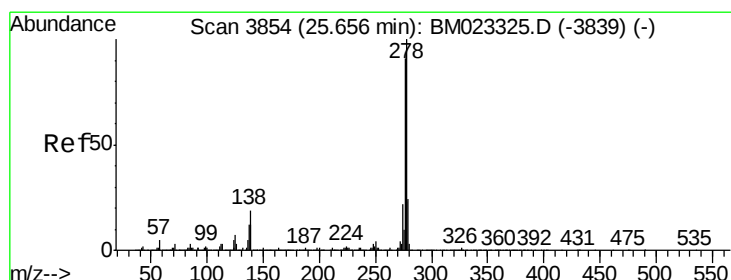
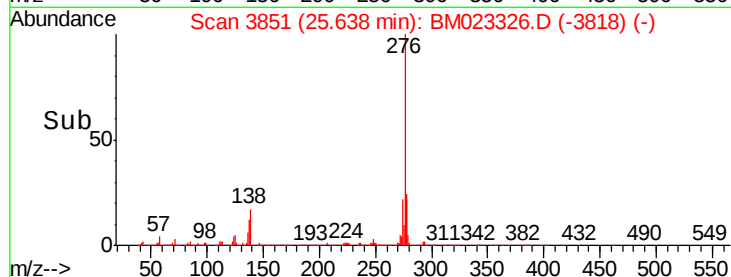
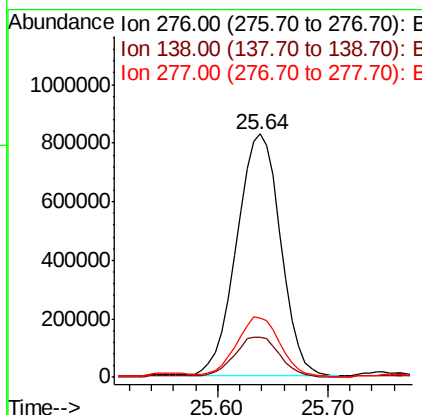
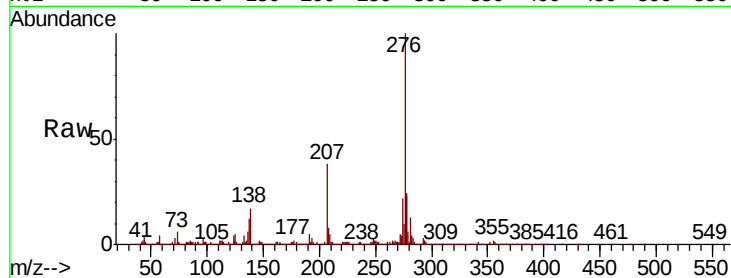
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 12.584 ng/ul
 RT: 25.64 min Scan# 3851
 Delta R.T. -0.01 min
 Lab File: BM023326.D
 Acq: 22 Oct 2019 19:32

Instrument :
 BNA_M
 ClientSampleID :
 ETOJ6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.8	23.6
277	24.4	19.8	29.8

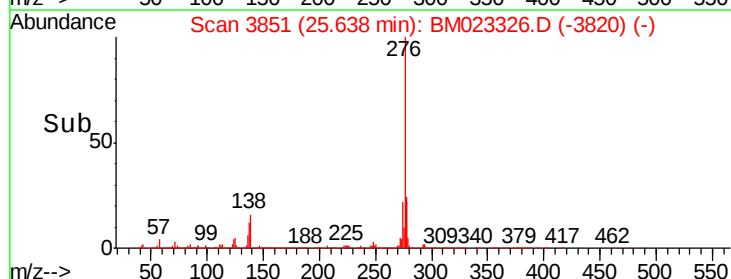
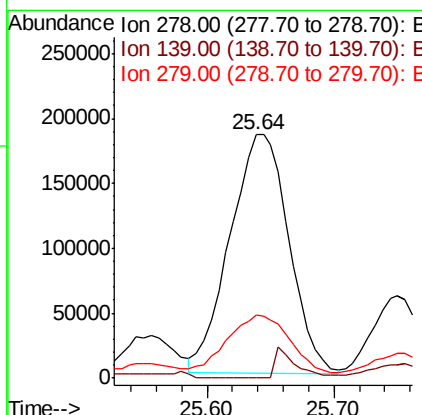
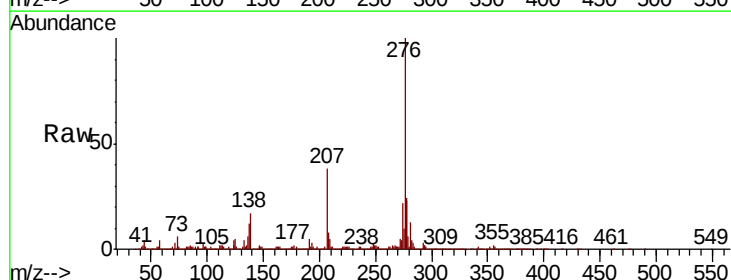
Manual Integrations
 APPROVED

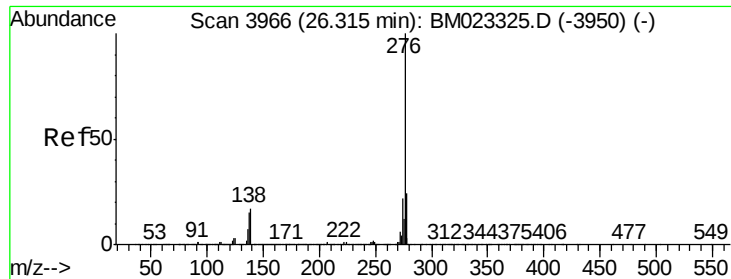
mohammad
 10/24/2019 8:08:41 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.853 ng/ul
 RT: 25.64 min Scan# 3851
 Delta R.T. -0.02 min
 Lab File: BM023326.D
 Acq: 22 Oct 2019 19:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7#
279	26.0	19.7	29.5





#94

Benzo(a,h,i)perylene

Concen: 14.124 ng/ul

RT: 26.31 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM023326.D

Acq: 22 Oct 2019 19:32

Instrument :

BNA_M

ClientSampleId :

ETOJ6DL

Tot Ion: 276 Resp: 2136808

Ion Ratio Lower Upper

276 100

138 16.8 13.9 20.9

277 24.1 18.7 28.1

Manual Integrations

APPROVED

mohammad

10/24/2019 8:08:41 AM

