

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023205.D
 Acq On : 16 Oct 2019 23:57
 Operator : JU
 Sample : K5262-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB72

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:27:34 AM

Quant Time: Oct 17 06:41:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 04:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	459699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1822785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1055385	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1992123	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1887022	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2321750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	33199	3.18	ng/uL	0.00
5) Phenol-d5	6.83	99	582820	14.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	369962	16.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	509102	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	470531	14.63	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	234423	19.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	250495	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	484488	16.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	332521	9.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1415898	17.51	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1671167	17.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	151419	11.56	ng/ul	0.00
58) Fluorene-d10	15.30	176	1191042	17.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	101908	12.90	ng/ul	0.00
71) Anthracene-d10	17.15	188	1757909	18.30	ng/ul	0.00
79) Pyrene-d10	19.45	212	1852032	20.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2202182	18.71	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.86	94	116187	2.814	ng/ul	96
28) Naphthalene	10.49	128	127585	1.354	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	216617	2.698	ng/ul	98
45) Dimethylphthalate	13.77	163	377651	4.665	ng/ul	99
48) Acenaphthylene	14.03	152	173218	1.786	ng/ul	98
70) Phenanthrene	17.10	178	547282	4.895	ng/ul	99
72) Anthracene	17.19	178	177715	1.538	ng/ul	99
77) Fluoranthene	19.12	202	865216	6.507	ng/ul	98
80) Pyrene	19.48	202	893908	7.562	ng/ul	100
83) Benzo(a)anthracene	21.23	228	622729m	4.870	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.19	149	518810	7.936	ng/ul	99
85) Chrysene	21.28	228	610934	5.146	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	889616	6.320	ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	301175m	2.228	ng/ul	
91) Benzo(a)pyrene	23.36	252	786605	5.824	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.67	276	601191	3.742	ng/ul	99
93) Dibenzo(a,h)anthracene	25.68	278	178680	1.330	ng/ul#	84
94) Benzo(g,h,i)perylene	26.36	276	649834	4.912	ng/ul	99

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

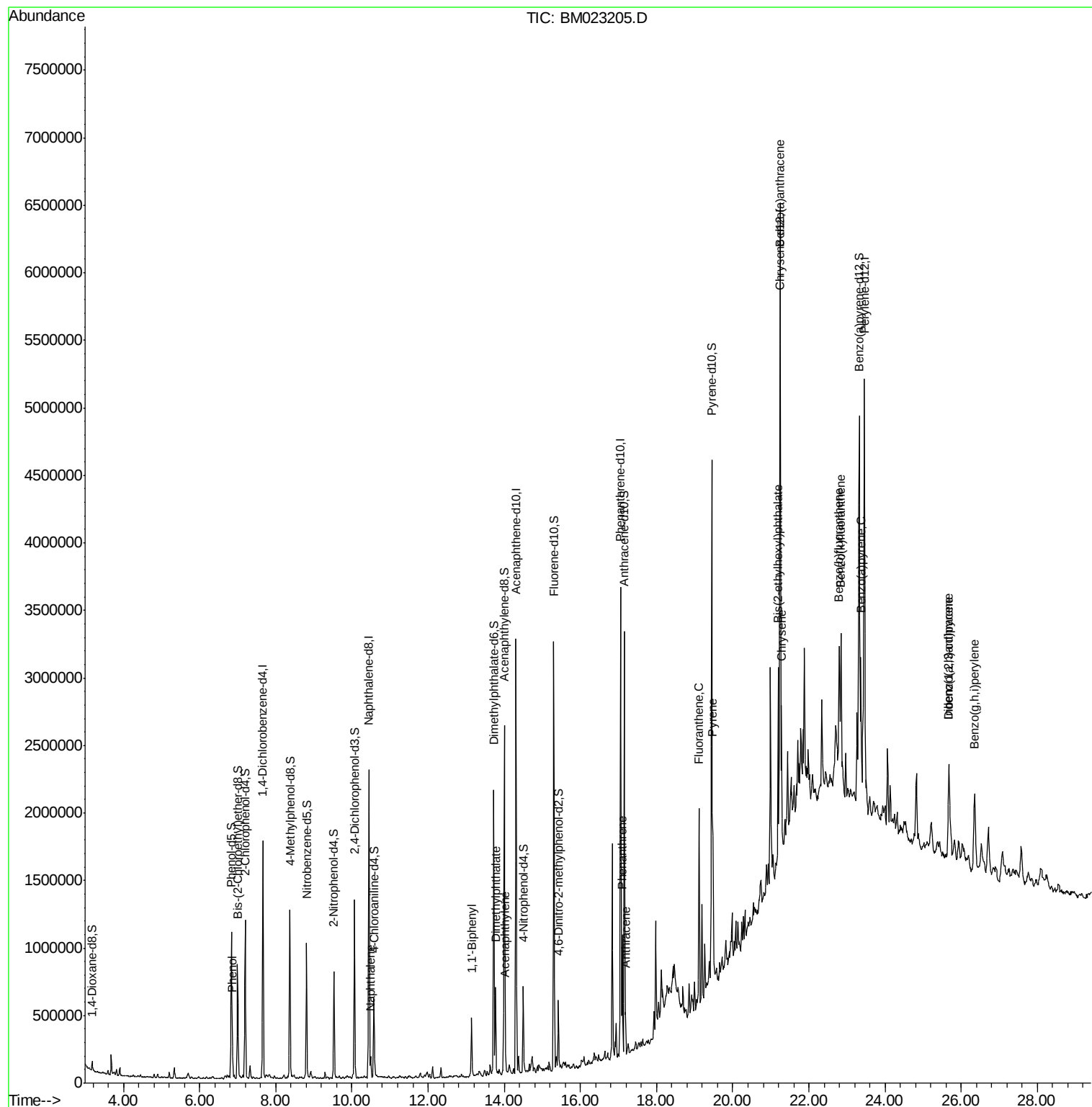
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023205.D
Acq On : 16 Oct 2019 23:57
Operator : JU
Sample : K5262-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

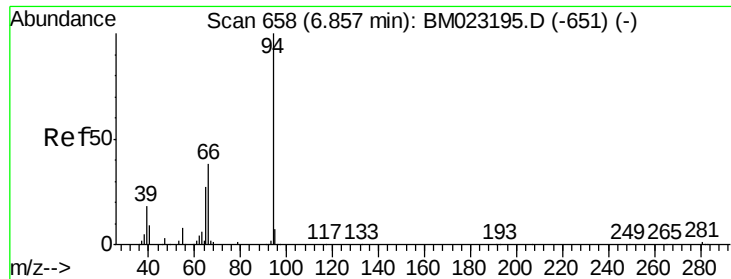
Instrument :
BNA_M
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Quant Time: Oct 17 06:41:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
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#6

Phenol

Concen: 2.814 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023205.D

Acq: 16 Oct 2019 23:57

Instrument :

BNA_M

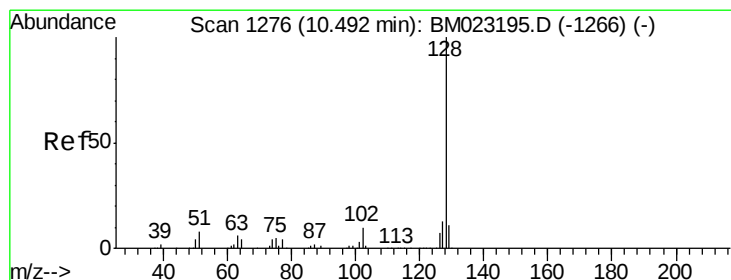
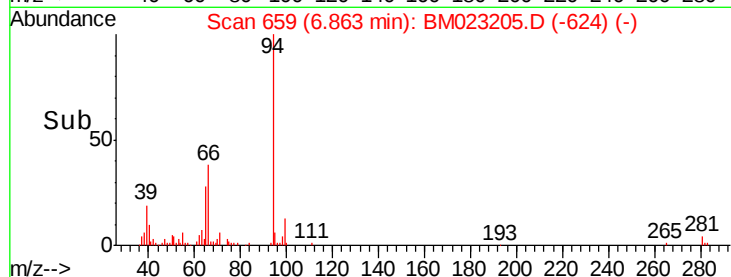
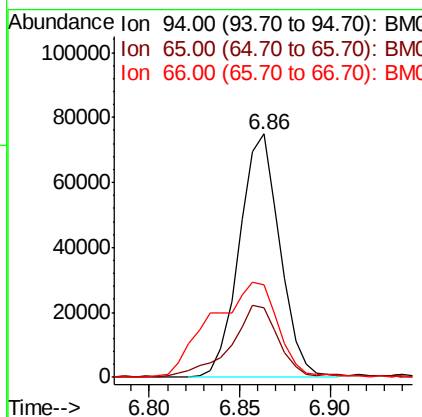
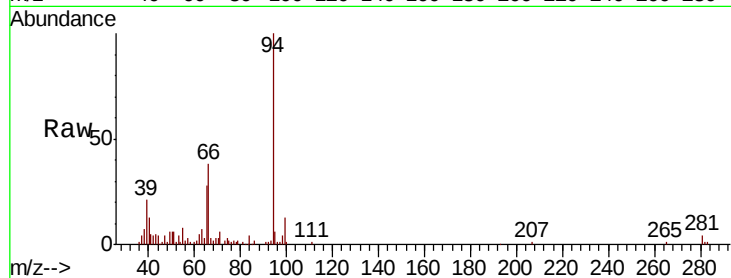
ClientSampleId :

BFB72

Tot Ion:	94	Resp:	116187
Ion	Ratio	Lower	Upper
94	100		
65	28.4	23.7	35.5
66	37.8	32.9	49.3

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#28

Naphthalene

Concen: 1.354 ng/ul

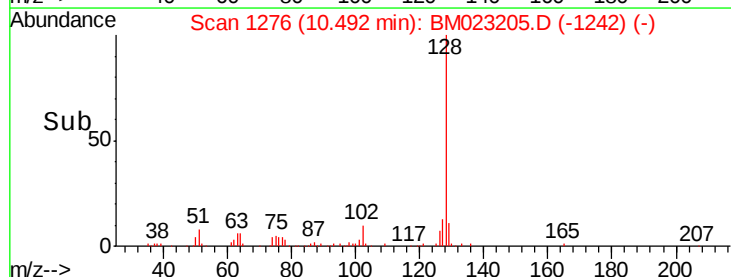
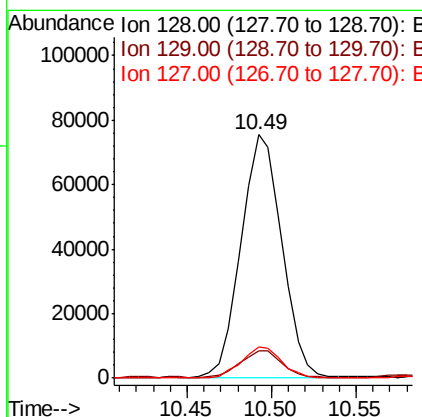
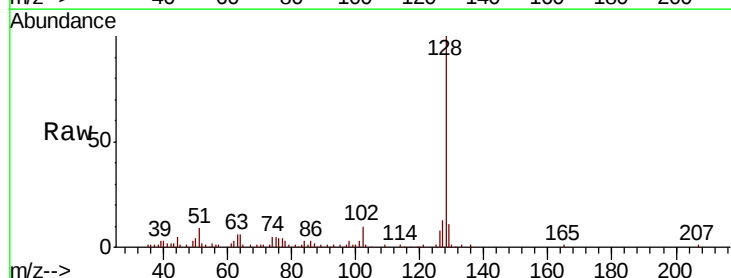
RT: 10.49 min Scan# 1276

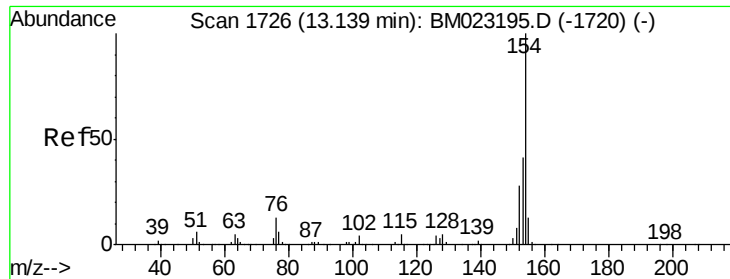
Delta R.T. -0.00 min

Lab File: BM023205.D

Acq: 16 Oct 2019 23:57

Tgt Ion:	128	Resp:	127585
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	13.0	10.2	15.4





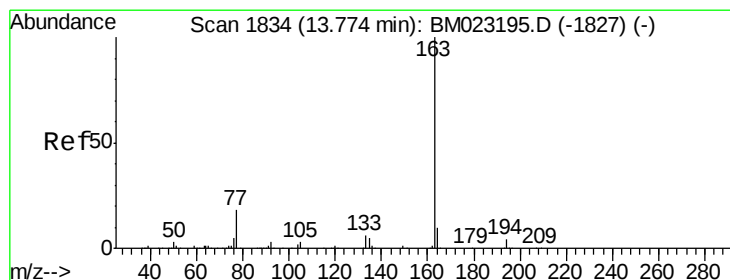
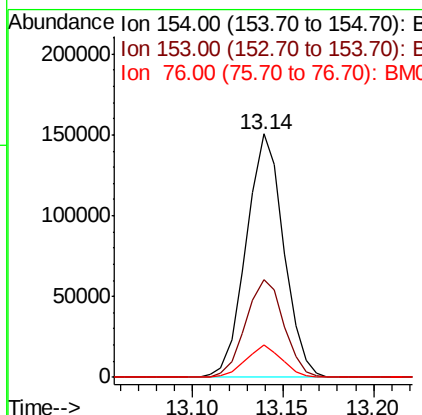
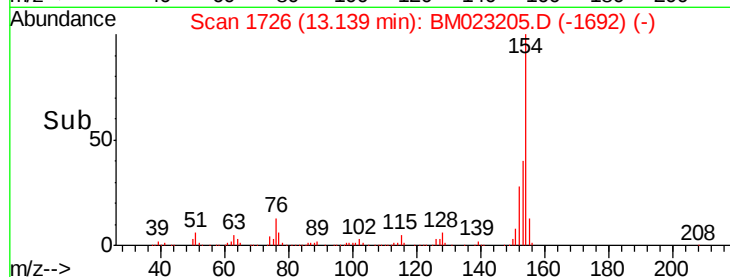
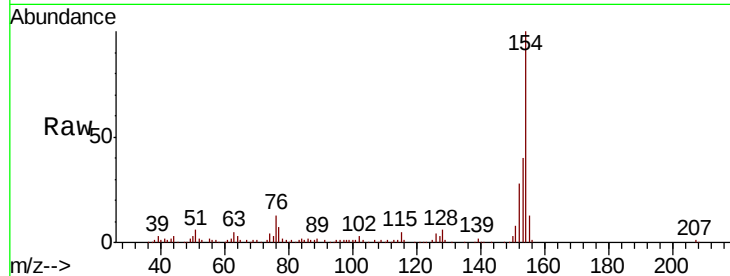
#41
1,1'-Biphenyl
Concen: 2.698 ng/ul
RT: 13.14 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Instrument :
BNA_M
ClientSampleId :
BFB72

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.1	33.1	49.7	
76	13.3	10.6	15.8	

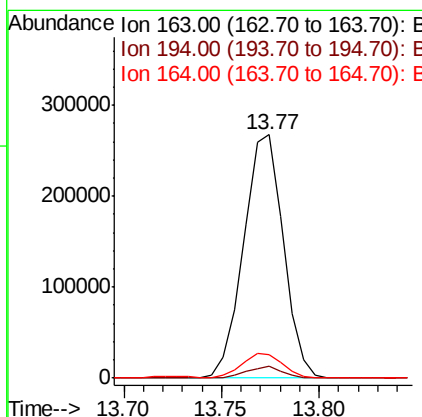
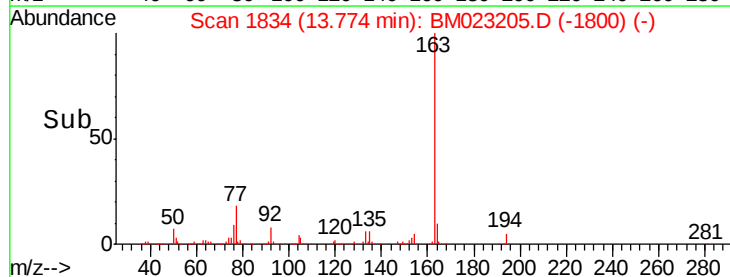
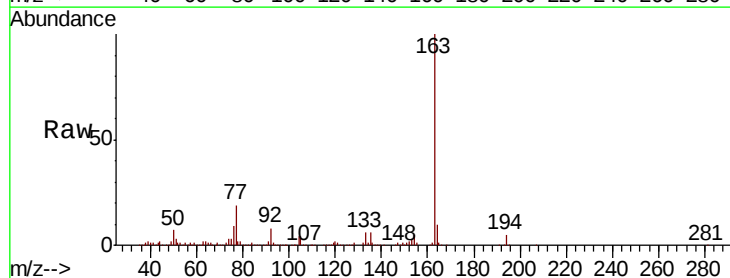
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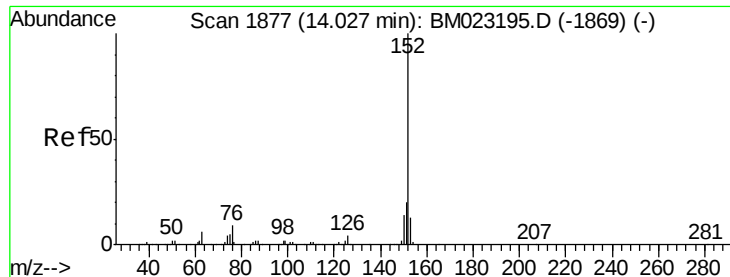
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#45
Dimethylphthalate
Concen: 4.665 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.7	3.5	5.3	
164	9.7	8.0	12.0	





#48

Acenaphthylene

Concen: 1.786 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM023205.D

Acq: 16 Oct 2019 23:57

Instrument :

BNA_M

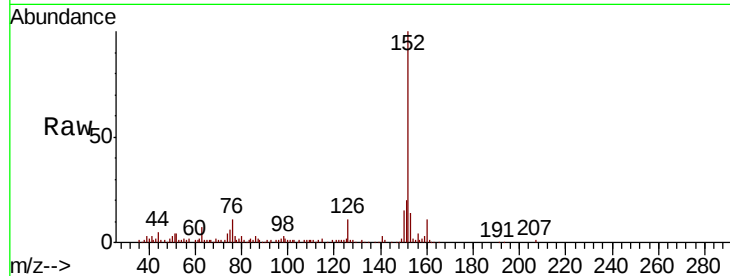
ClientSampleId :

BFB72

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		173218		
151	19.9		15.8	23.6	
153	14.1		10.3	15.5	

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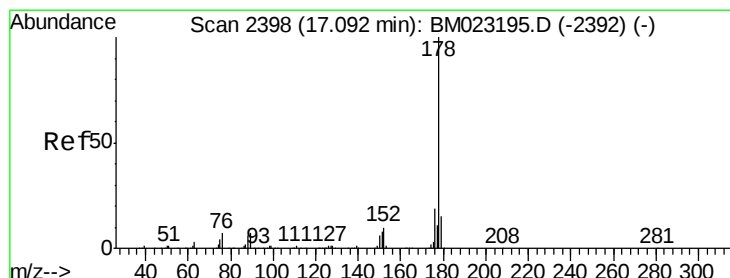
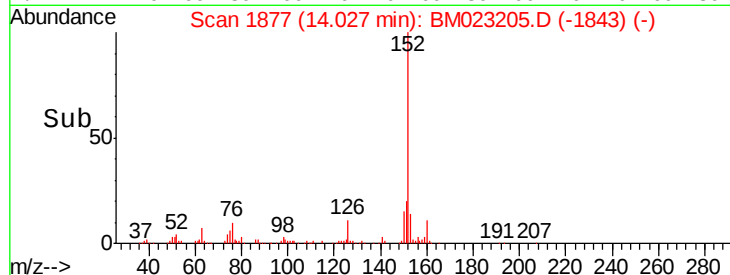
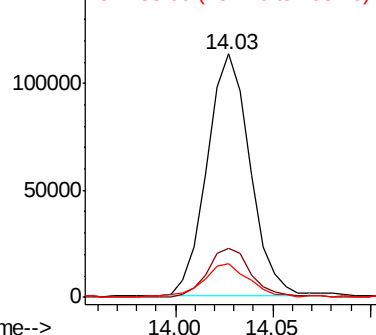


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 4.895 ng/ul

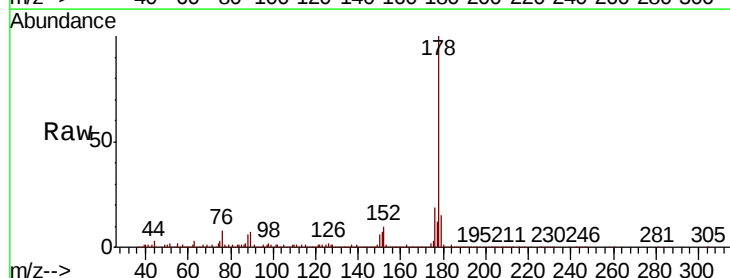
RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BM023205.D

Acq: 16 Oct 2019 23:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		547282		
179	15.0		12.3	18.5	
176	19.1		15.5	23.3	

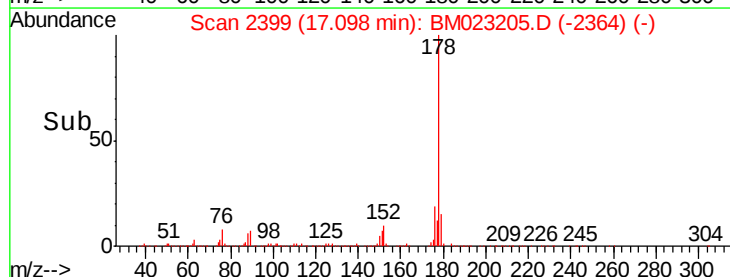
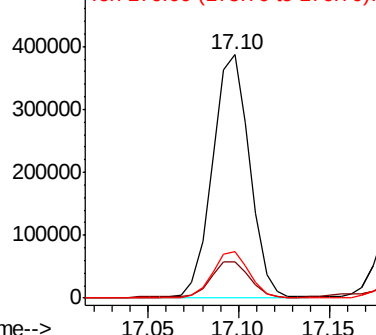


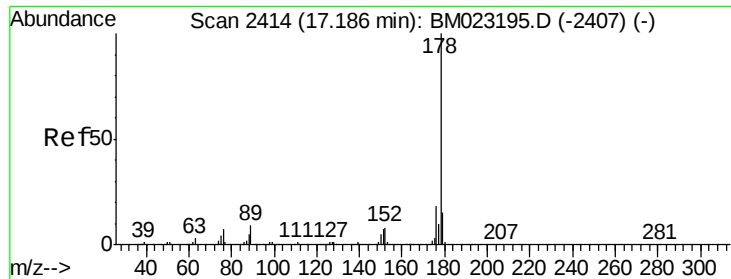
Abundance

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





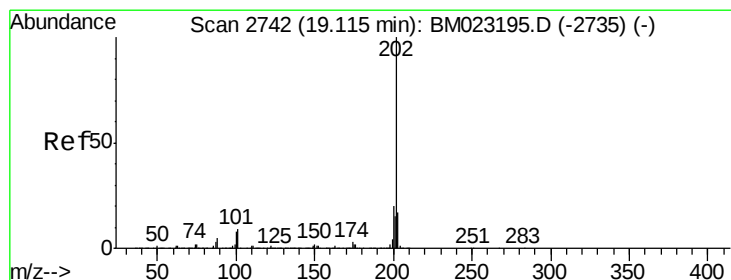
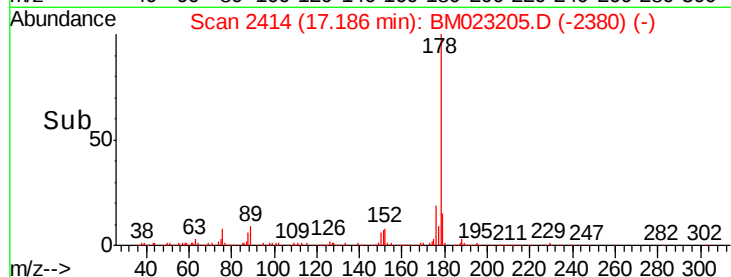
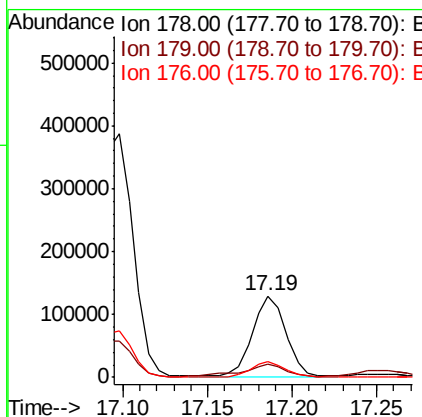
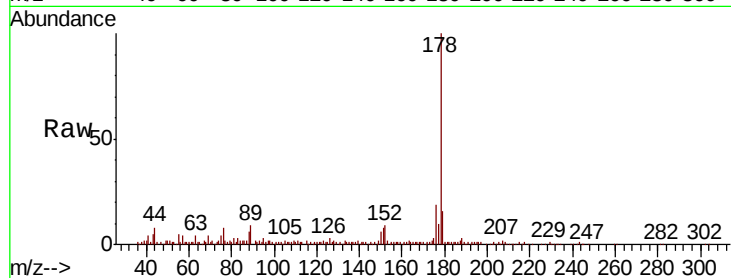
#72
 Anthracene
 Concen: 1.538 ng/ul
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BM023205.D
 Acq: 16 Oct 2019 23:57

Instrument :
 BNA_M
 ClientSampleId :
 BFB72

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.2	15.0	22.4

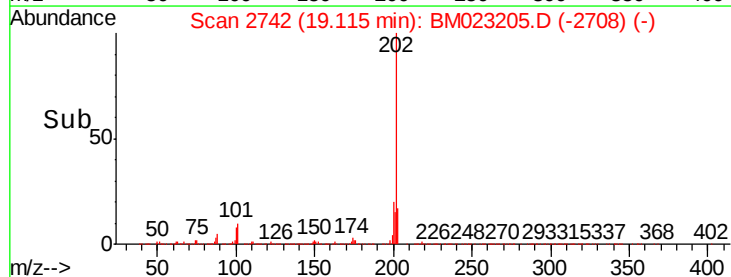
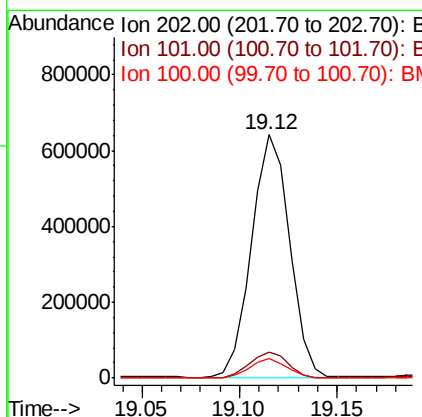
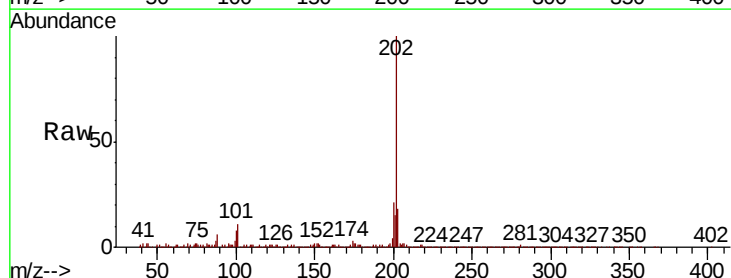
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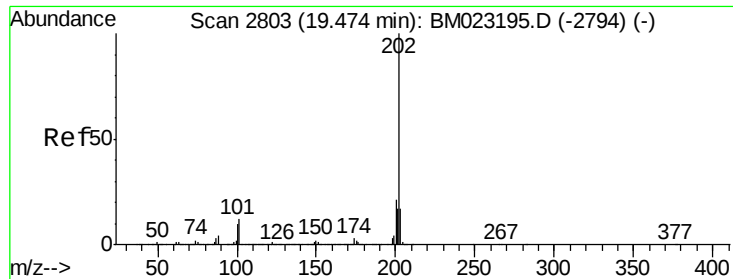
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#77
 Fluoranthene
 Concen: 6.507 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.00 min
 Lab File: BM023205.D
 Acq: 16 Oct 2019 23:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.8	11.8
100	8.0	6.1	9.1





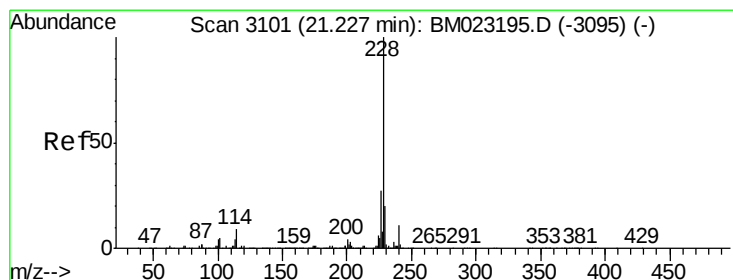
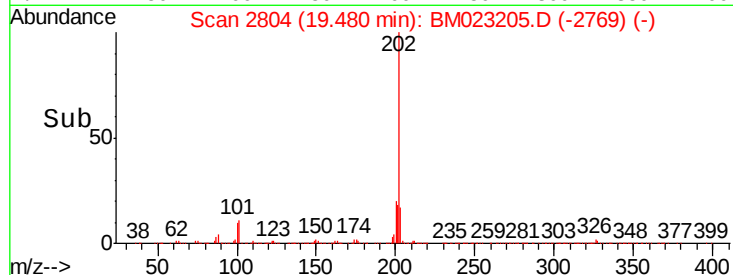
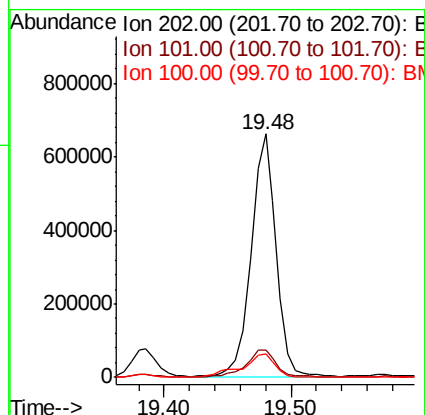
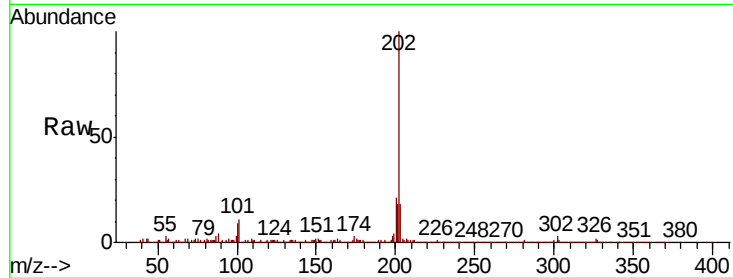
#80
Pvrene
Concen: 7.562 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Instrument :
BNA_M
ClientSampleId :
BFB72

Tot Ion:	202	Resp:	893908
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.1	13.7
100	9.4	7.5	11.3

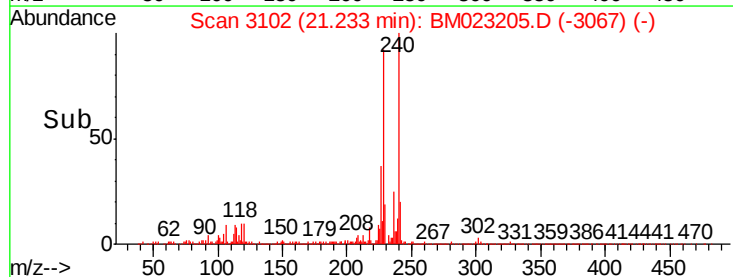
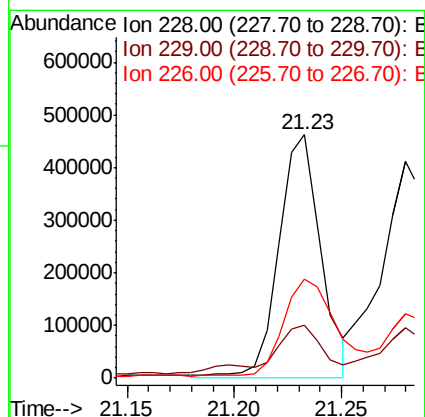
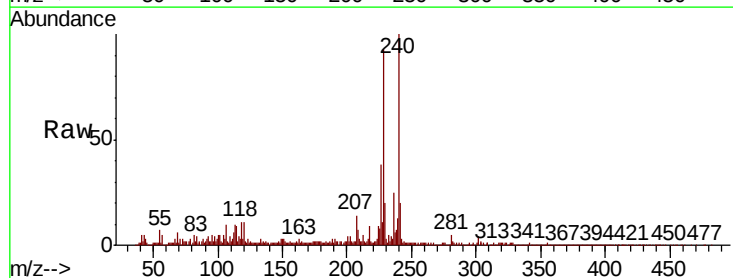
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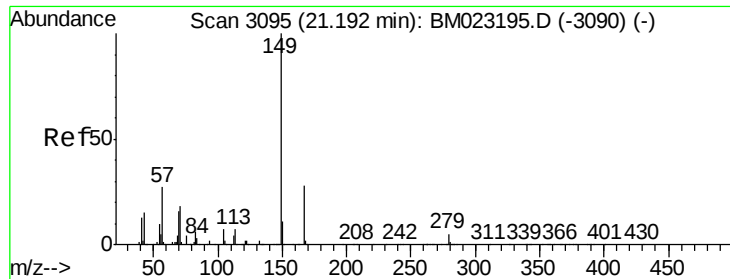
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#83
Benzo(a)anthracene
Concen: 4.870 ng/ul m
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Tgt Ion:	228	Resp:	622729
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.7	23.5
226	40.8	21.6	32.4#





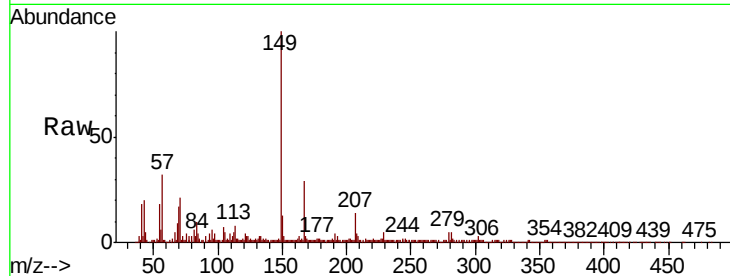
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.936 ng/ul
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.00 min
 Lab File: BM023205.D
 Acq: 16 Oct 2019 23:57

Instrument :
 BNA_M
 ClientSampleId :
 BFB72

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.1	4.0	6.0

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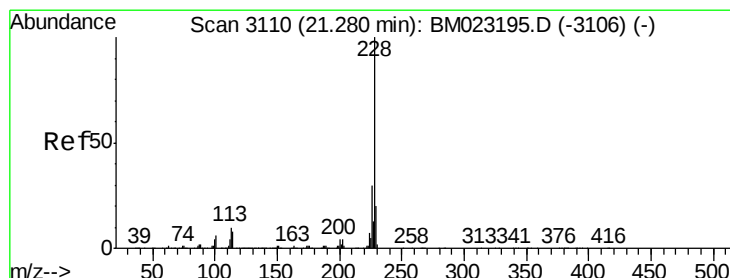
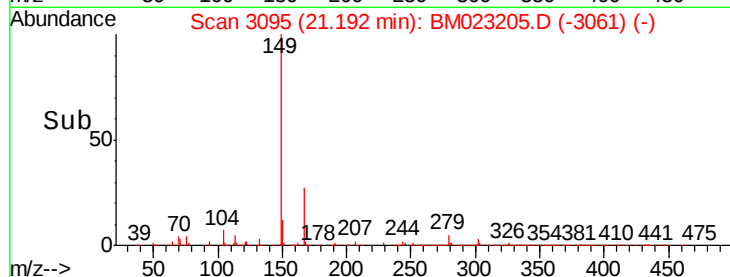
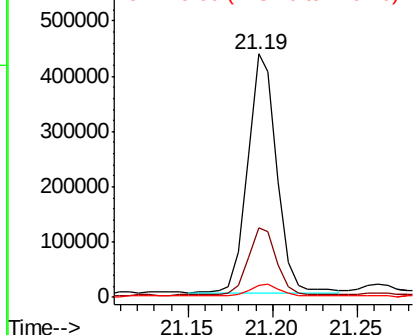


Abundance

Ion 149.00 (148.70 to 149.70): E

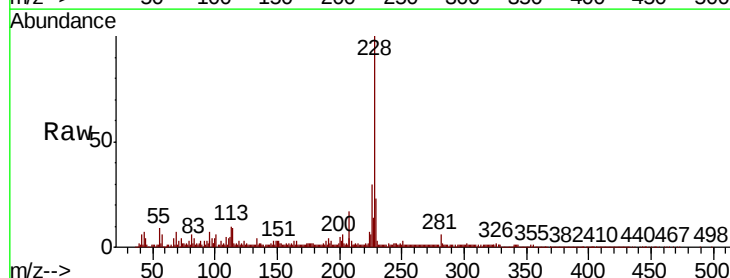
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Chrysene
 Concen: 5.146 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM023205.D
 Acq: 16 Oct 2019 23:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	23.1	15.5	23.3

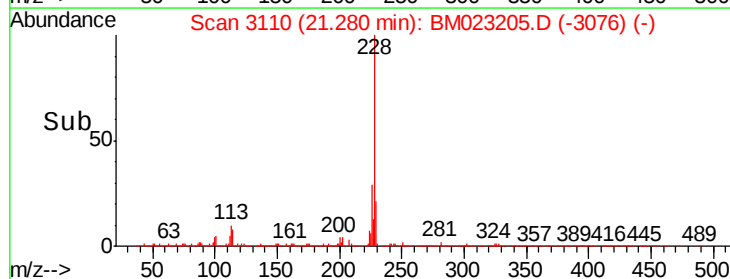
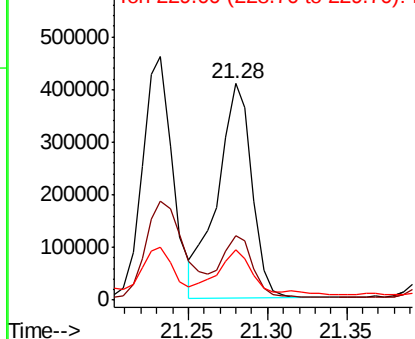


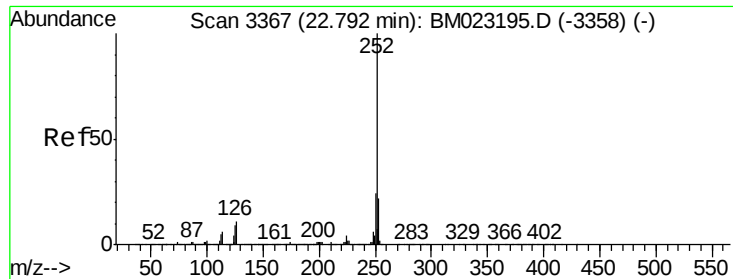
Abundance

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





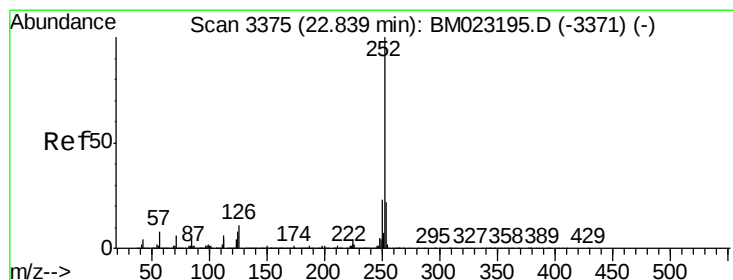
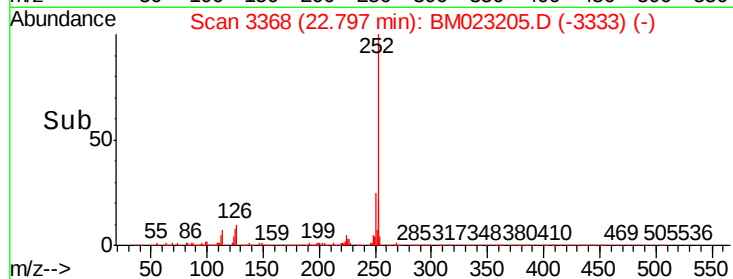
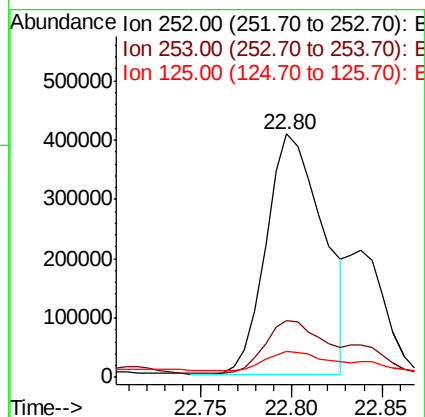
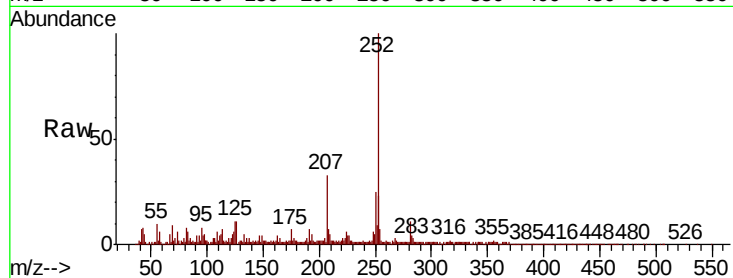
#88
Benzo(b)fluoranthene
Concen: 6.320 ng/uL
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Instrument :
BNA_M
ClientSampleId :
BFB72

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	10.6	6.4	9.6

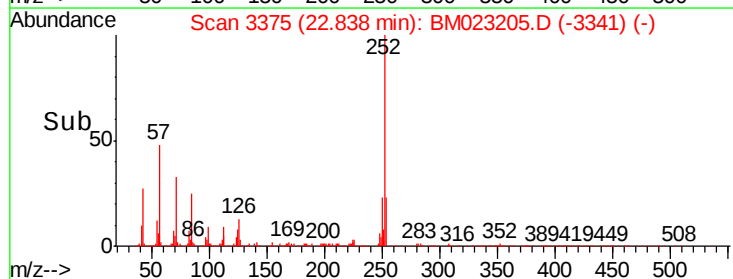
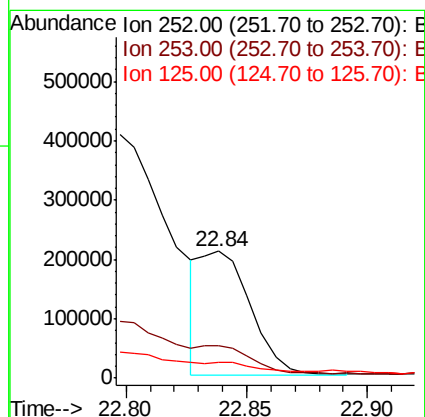
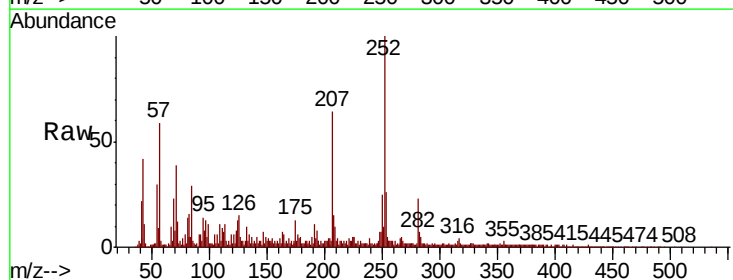
Manual Integrations
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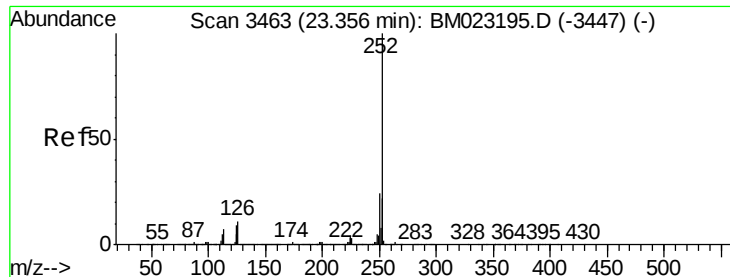
mohammad
10/18/2019 8:27:34 AM



#89
Benzo(k)fluoranthene
Concen: 2.228 ng/uL m
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.0
125	12.6	6.5	9.7





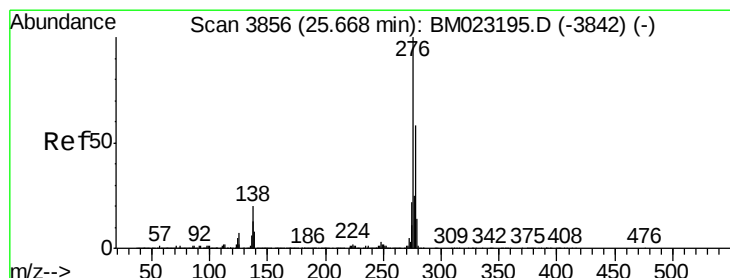
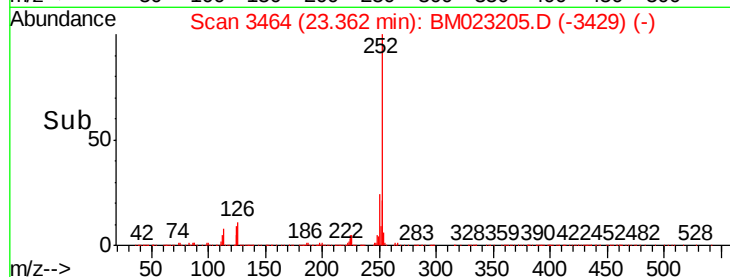
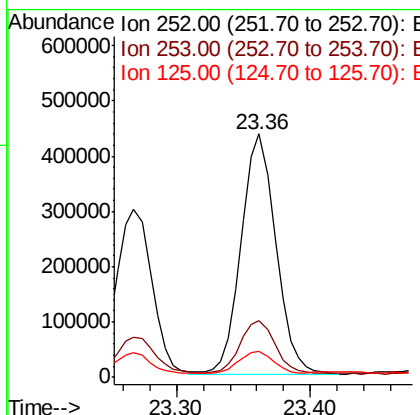
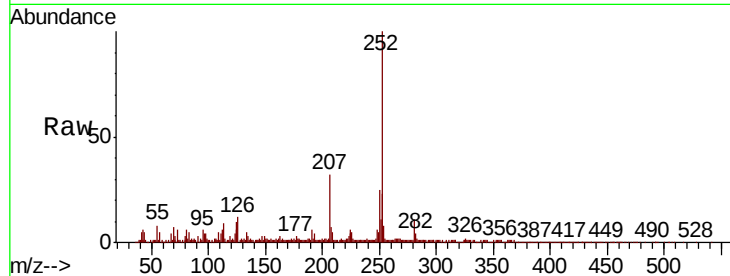
#91
Benzo(a)pyrene
Concen: 5.824 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Instrument :
BNA_M
ClientSampled :
BFB72

Tot Ion:	252	Resp:	786605
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	10.4	7.4	11.0

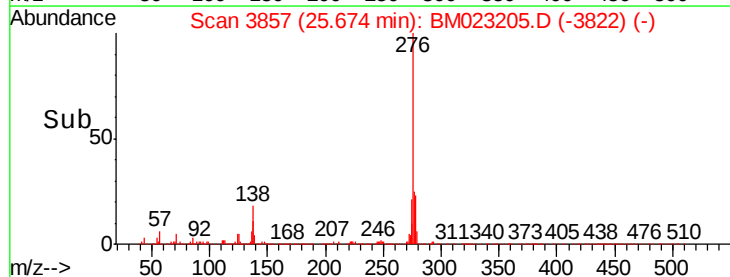
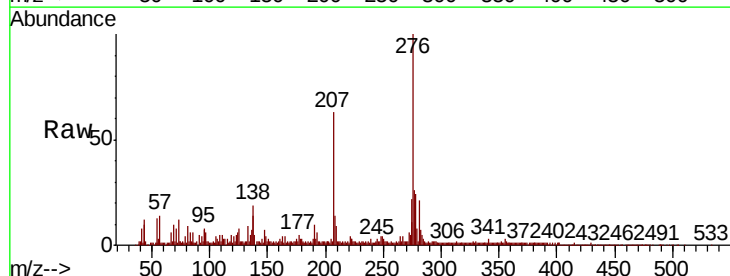
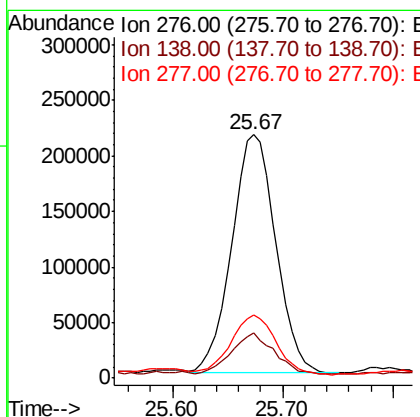
Manual Integrations
APPROVED

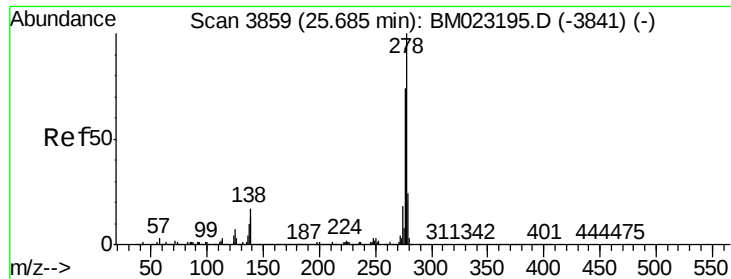
mohammad
10/18/2019 8:27:34 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.742 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Tgt Ion:	276	Resp:	601191
Ion Ratio	Lower	Upper	
276	100		
138	18.6	14.9	22.3
277	25.7	19.8	29.8





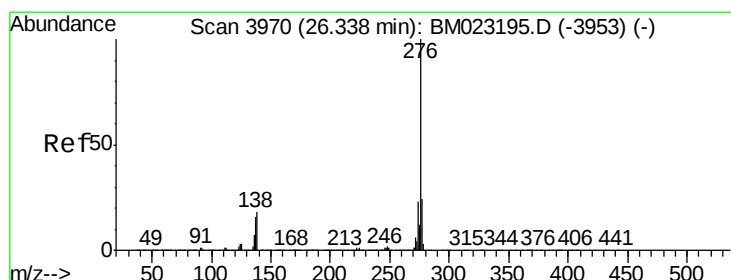
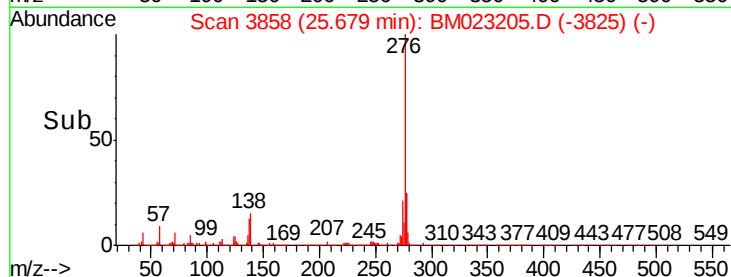
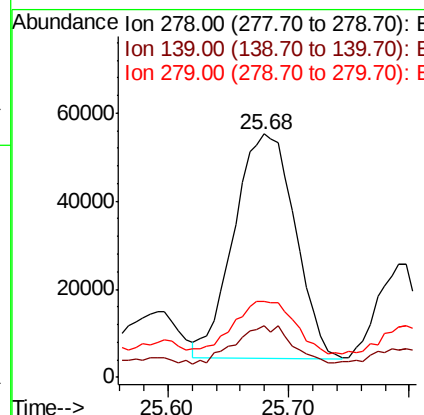
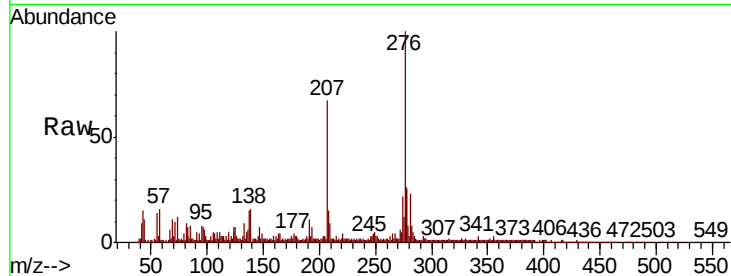
#93
Dibenzo(a,h)anthracene
Concen: 1.330 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Instrument :
BNA_M
ClientSampleId :
BFB72

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.1	10.0	15.0#
279	31.0	19.4	29.0#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 4.912 ng/ul
RT: 26.36 min Scan# 3973
Delta R.T. 0.02 min
Lab File: BM023205.D
Acq: 16 Oct 2019 23:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.4	21.6
277	24.7	19.4	29.2

