

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
 Data File : BM023703.D
 Acq On : 13 Nov 2019 18:55
 Operator : JU
 Sample : K5678-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM53

Manual Integrations
 APPROVED

mohammad
 11/14/2019 6:59:34 AM

Quant Time: Nov 14 01:44:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 14 01:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	443496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1998096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	1338998	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2871721	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2101426	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2119476	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	28923	2.69	ng/uL	0.00
5) Phenol-d5	6.73	99	749519	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	432959	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	561960	19.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	581380	18.03	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	286331	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	319983	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	648311	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	260502	6.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1990223	19.06	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	2316854	19.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	137215	7.70	ng/ul	0.00
58) Fluorene-d10	15.19	176	1776137	19.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	196277	11.82	ng/ul	0.00
71) Anthracene-d10	17.04	188	2659622	19.52	ng/ul	0.00
79) Pyrene-d10	19.34	212	2666047	24.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2170806	19.46	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.69	77	26646	1.124	ng/ul	97
6) Phenol	6.75	94	52921	1.271	ng/ul	91
45) Dimethylphthalate	13.66	163	305920	2.990	ng/ul	99
70) Phenanthrene	16.99	178	1130345	7.146	ng/ul	99
75) Carbazole	17.35	167	135780	1.024	ng/ul#	94
76) Di-n-butylphthalate	17.93	149	557379	3.812	ng/ul	99
77) Fluoranthene	19.01	202	1786121	10.540	ng/ul	98
80) Pyrene	19.37	202	1688083	12.428	ng/ul	99
83) Benzo(a)anthracene	21.13	228	498339	3.595	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.09	149	339897	5.233	ng/ul	100
85) Chrysene	21.18	228	714516	5.475	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	821972	6.084	ng/ul#	92
89) Benzo(k)fluoranthene	22.70	252	257560m	1.979	ng/ul	
91) Benzo(a)pyrene	23.22	252	581672	4.703	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.46	276	415467	3.141	ng/ul	98
94) Benzo(g,h,i)perylene	26.11	276	431456	4.026	ng/ul	99

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

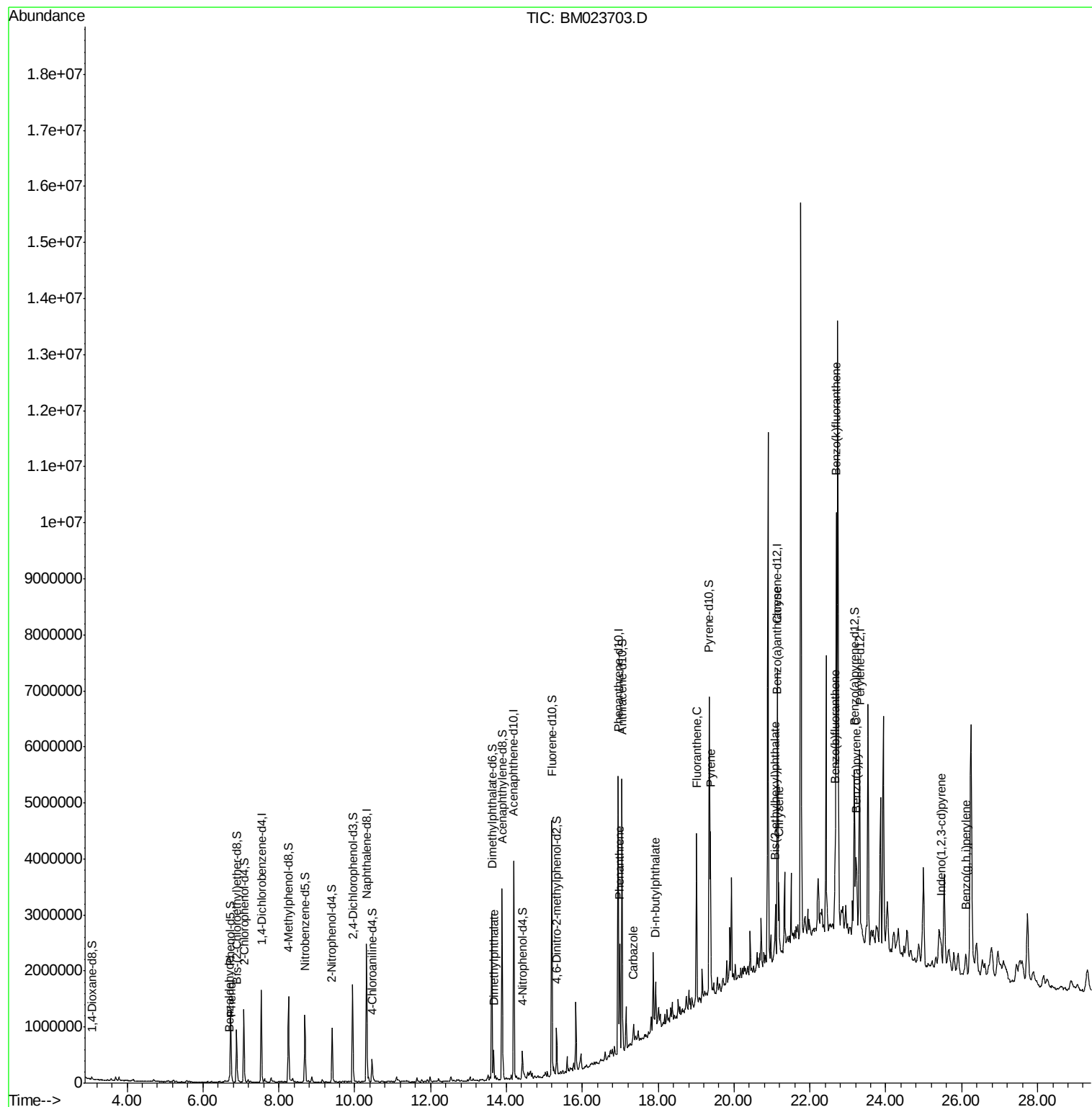
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023703.D
Acq On : 13 Nov 2019 18:55
Operator : JU
Sample : K5678-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

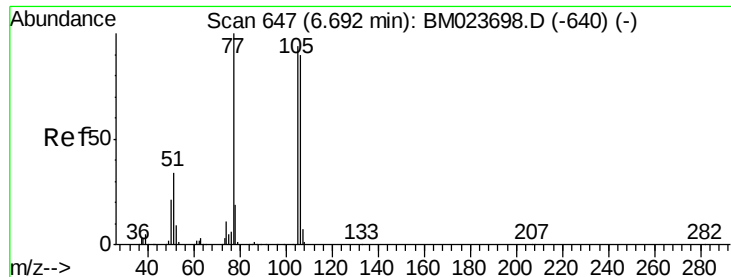
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 01:13:45 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.124 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

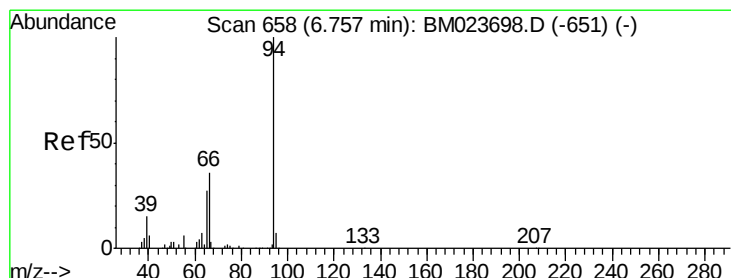
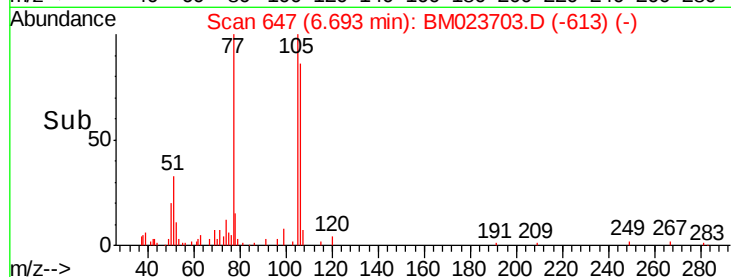
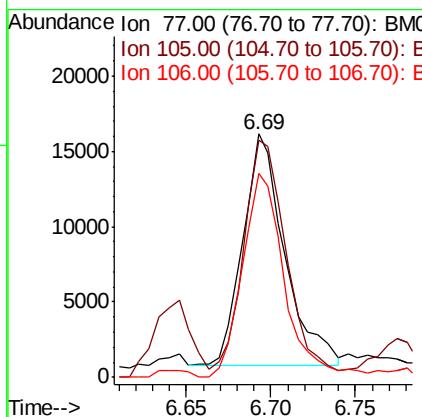
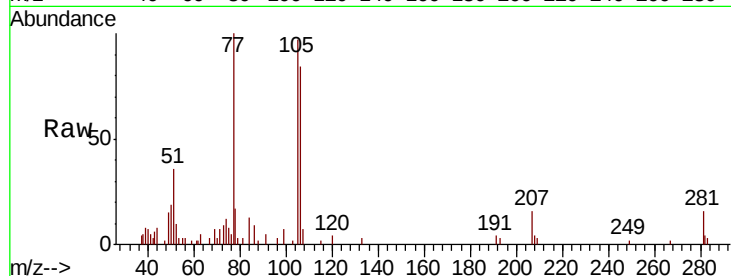
ClientSampleId :

JLM53

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.4	75.9	113.9
106	83.8	70.2	105.4

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#6

Phenol

Concen: 1.271 ng/ul

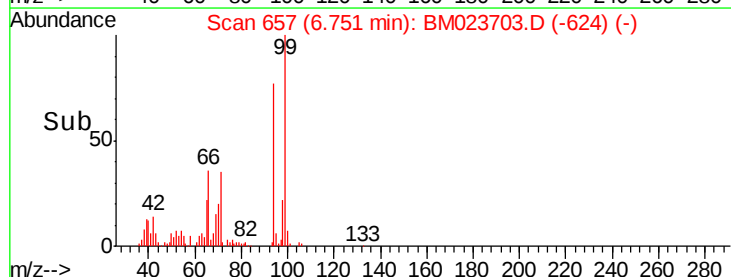
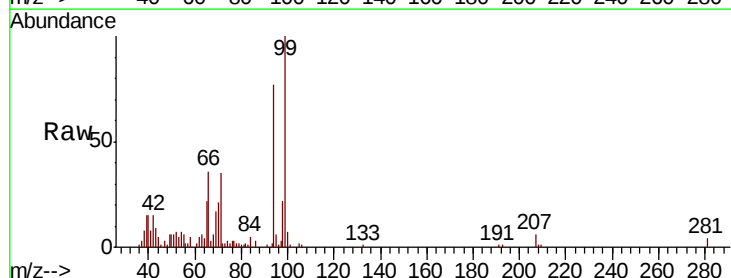
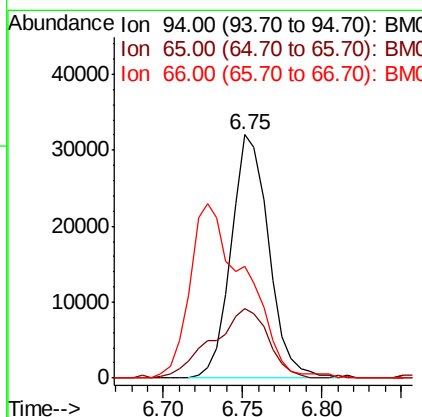
RT: 6.75 min Scan# 657

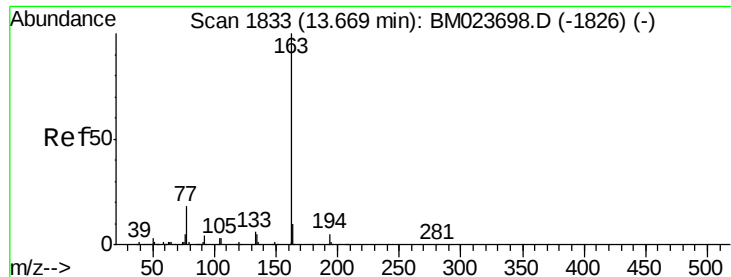
Delta R.T. -0.01 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	21.4	32.2
66	46.1	30.7	46.1





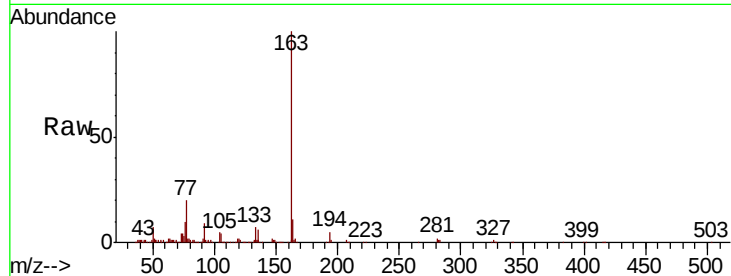
#45
Dimethylphthalate
Concen: 2.990 ng/ul
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Instrument :
BNA_M
ClientSampleId :
JLM53

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.6	8.0	12.0

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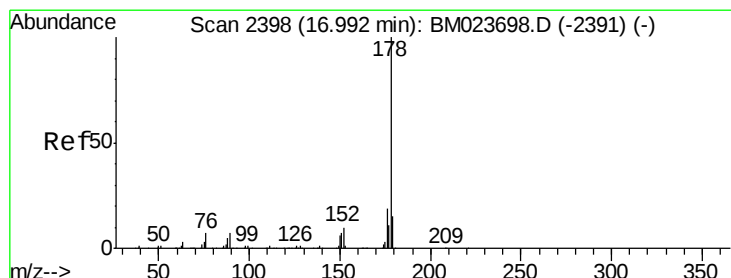
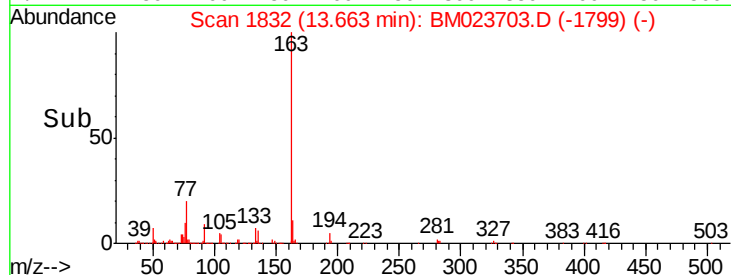
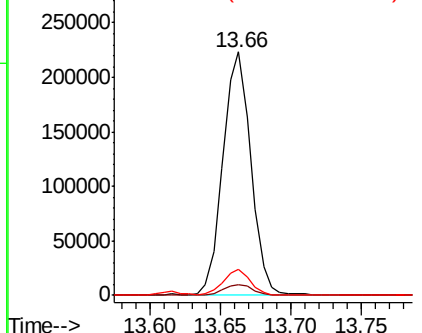


Abundance

Ion 163.00 (162.70 to 163.70): E

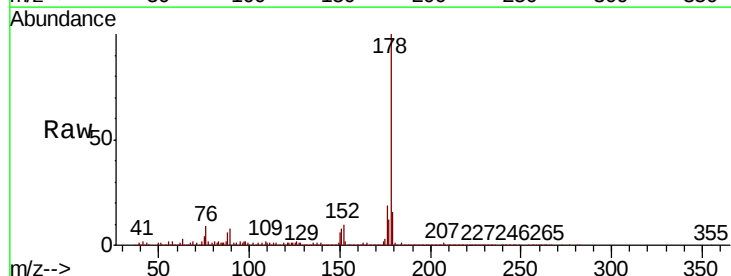
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 7.146 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.9	15.0	22.6

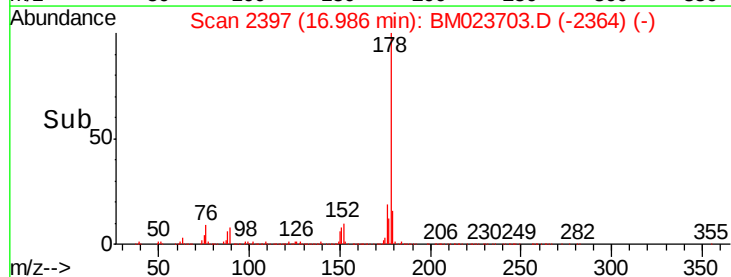
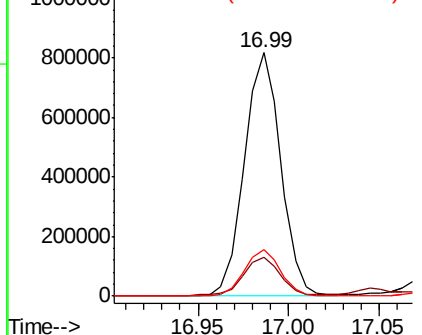


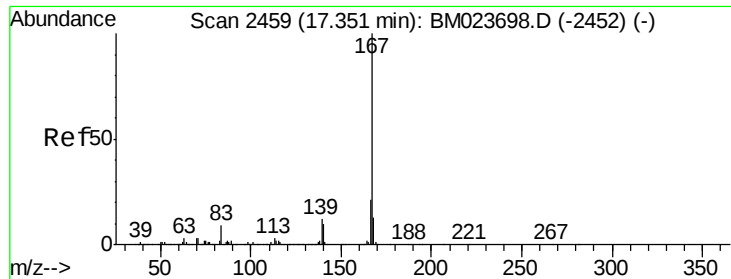
Abundance

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





#75

Carbazole

Concen: 1.024 ng/ul

RT: 17.35 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

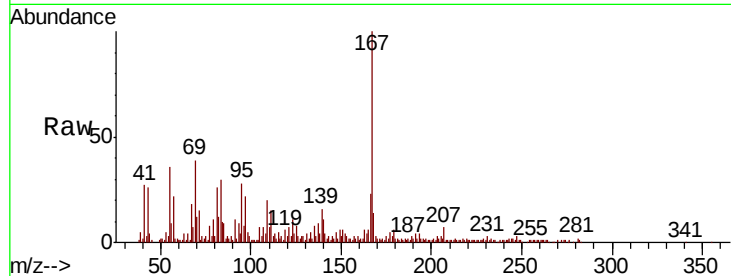
ClientSampleId :

JLM53

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.2	17.1	25.7	
139	15.8	9.8	14.6	

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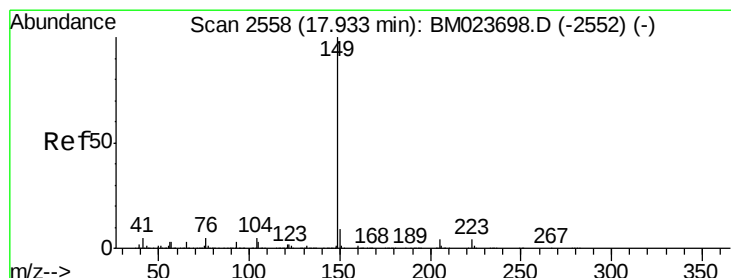
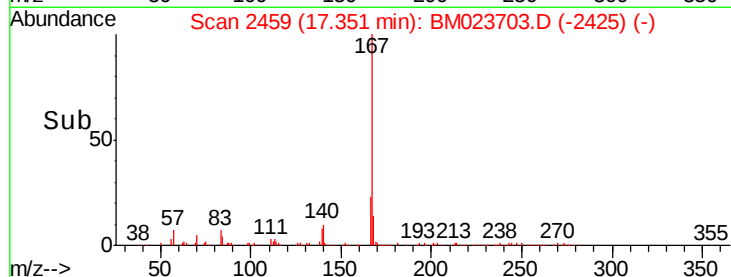
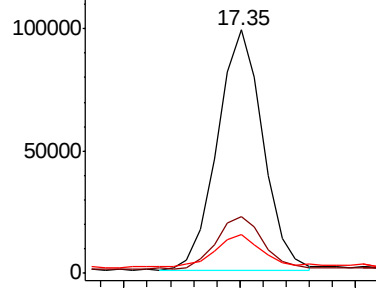


Abundance

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



#76

Di-n-butylphthalate

Concen: 3.812 ng/ul

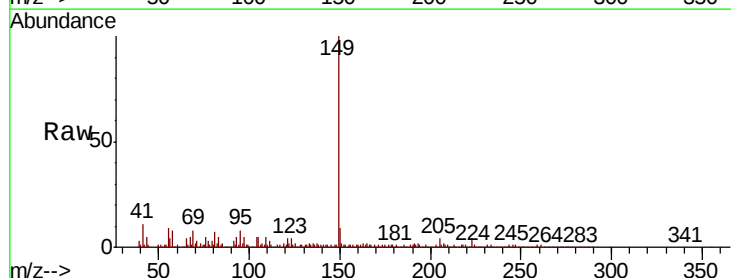
RT: 17.93 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.1	10.7	
104	5.0	4.2	6.2	

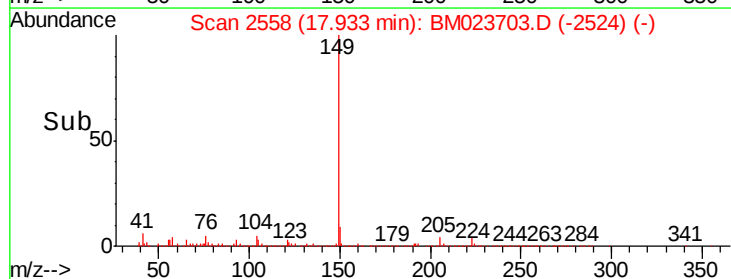
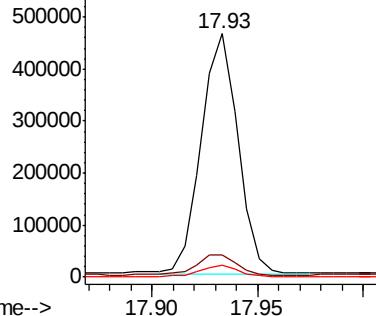


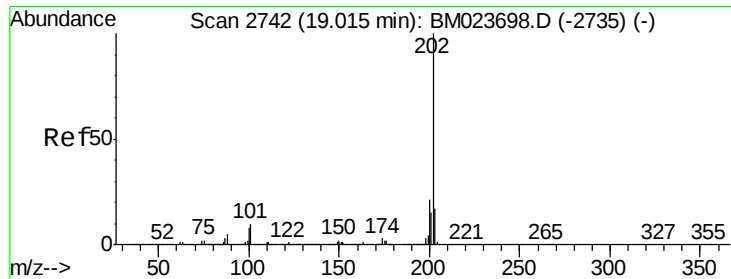
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





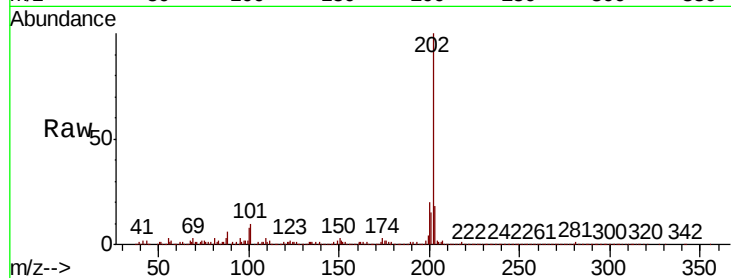
#77
 Fluoranthene
 Concen: 10.540 ng/ul
 RT: 19.01 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM023703.D
 Acq: 13 Nov 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
 JLM53

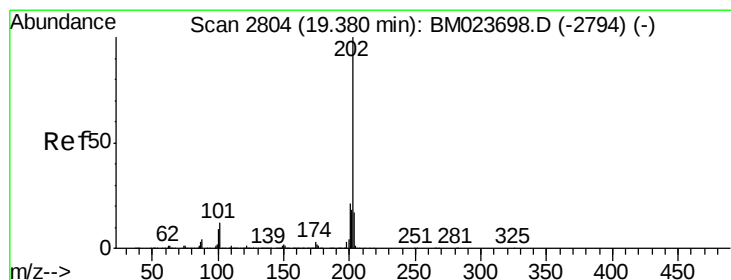
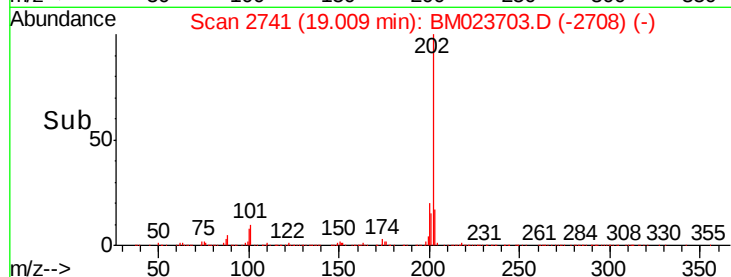
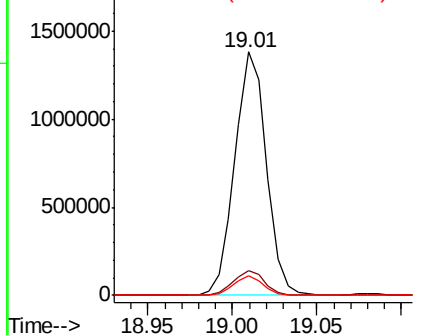
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.7	11.5
100	8.0	6.0	9.0

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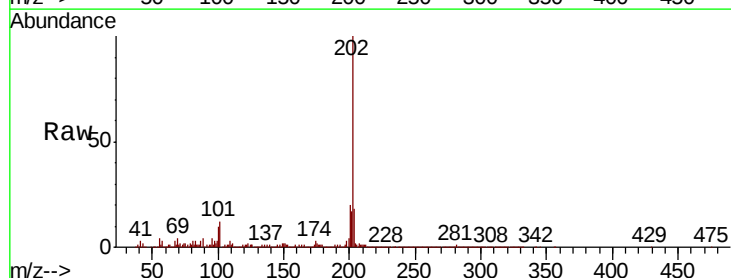


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

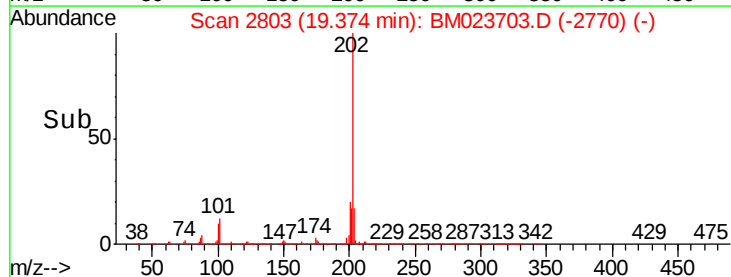
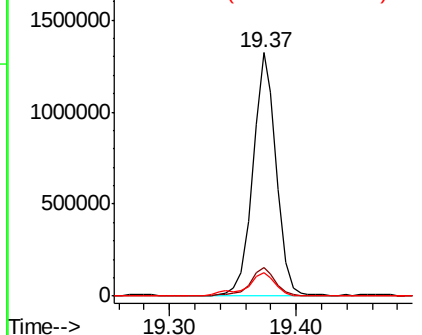


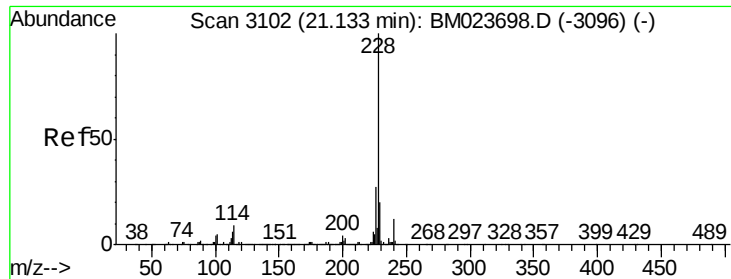
#80
 Pyrene
 Concen: 12.428 ng/ul
 RT: 19.37 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM023703.D
 Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.7	8.1	12.1



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): B





#83

Benzo(a)anthracene

Concen: 3.595 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

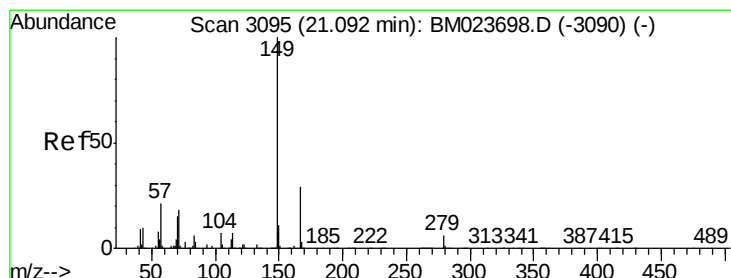
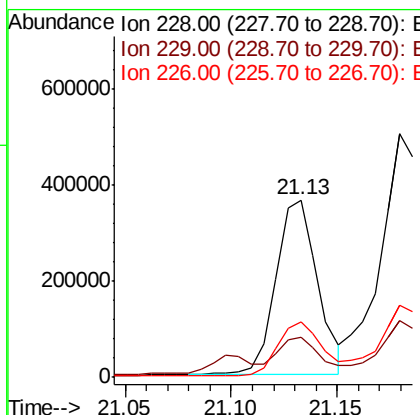
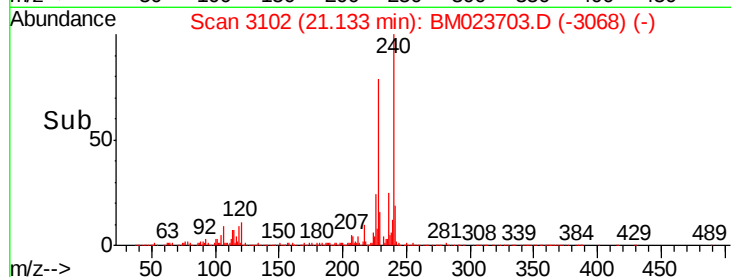
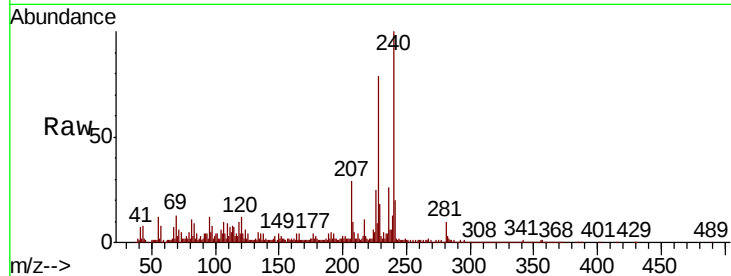
ClientSampleId :

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Tot Ion:	228	Resp:	498339
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.6	23.4
226	31.1	21.4	32.2

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#84

Bis(2-ethylhexyl)phthalate

Concen: 5.233 ng/ul

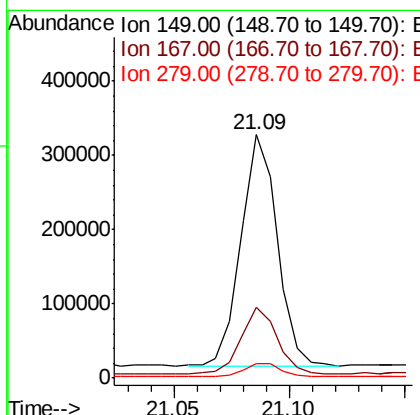
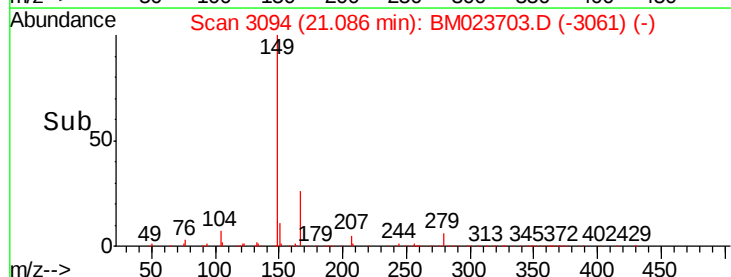
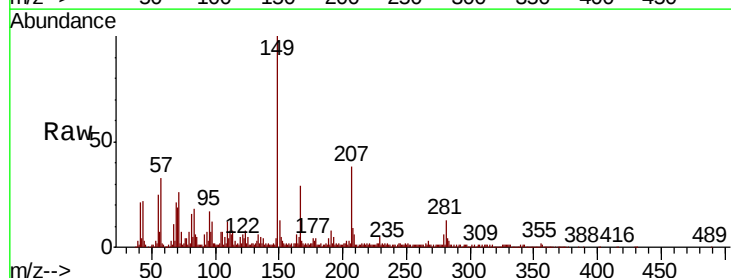
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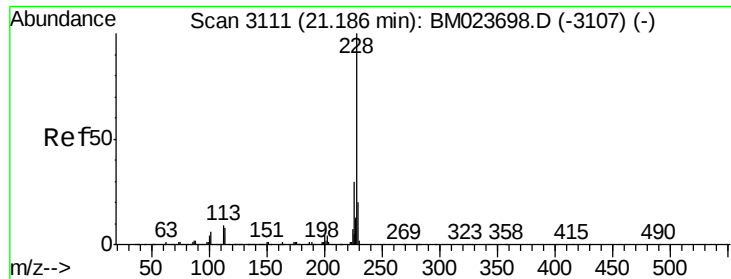
Delta R.T. -0.01 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Tgt Ion:	149	Resp:	339897
Ion Ratio	Lower	Upper	
149	100		
167	29.1	23.4	35.2
279	6.0	5.0	7.4





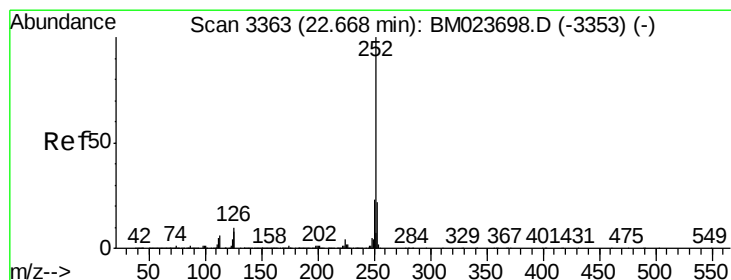
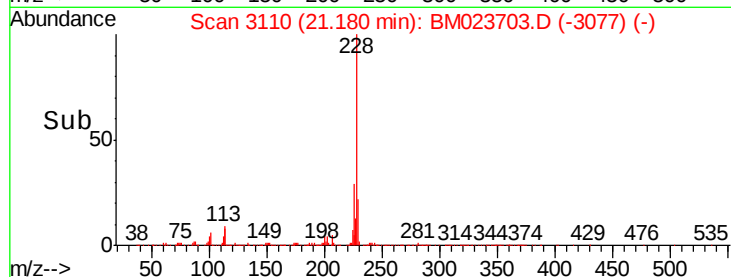
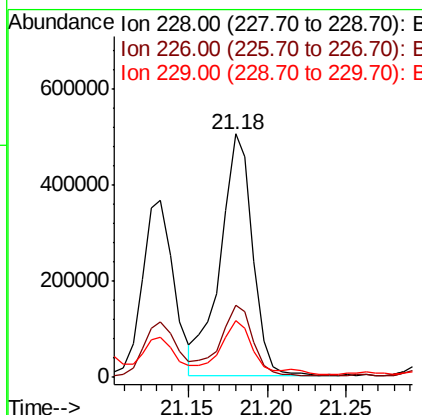
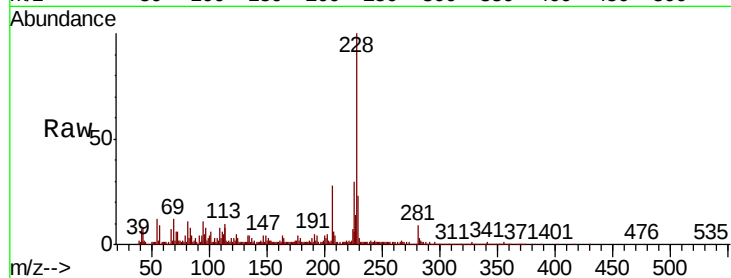
#85
Chrysene
Concen: 5.475 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Instrument :
BNA_M
ClientSampleId :
JLM53

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	23.3	15.8	23.6

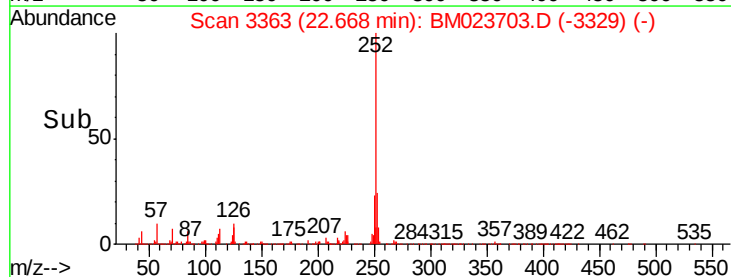
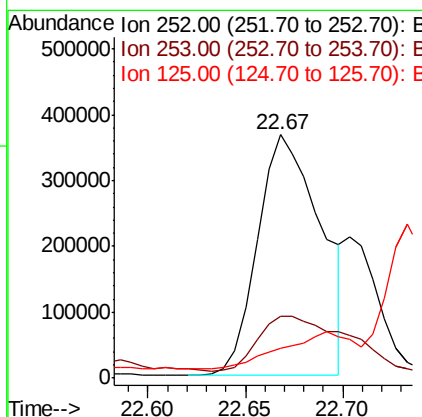
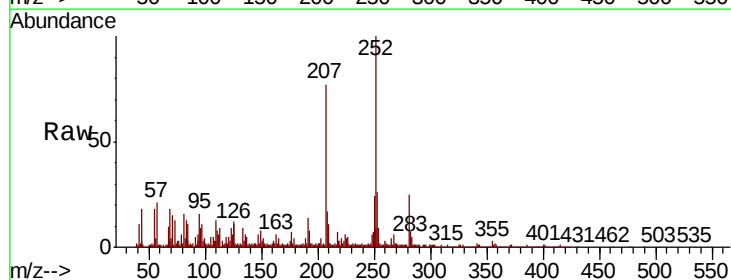
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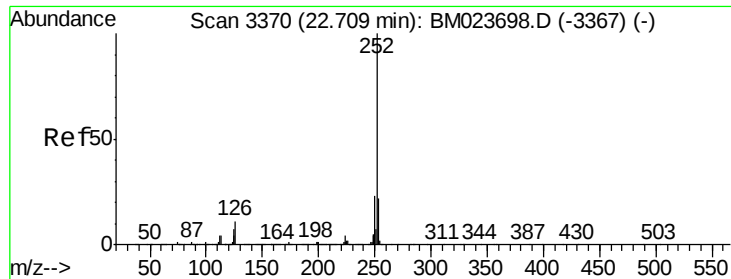
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#88
Benzo(b)fluoranthene
Concen: 6.084 ng/ul
RT: 22.67 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.8
125	12.3	6.5	9.7#





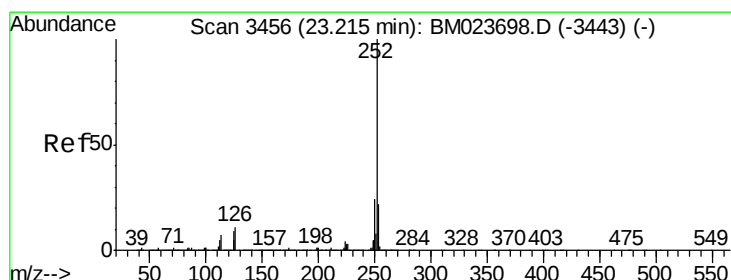
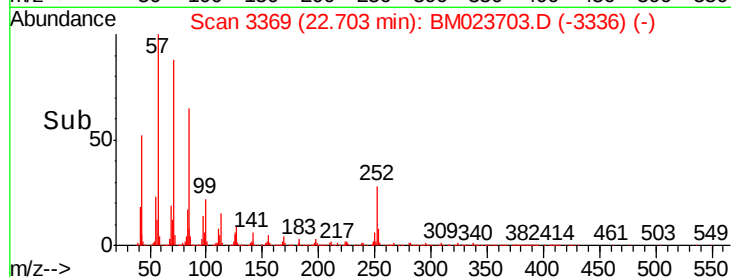
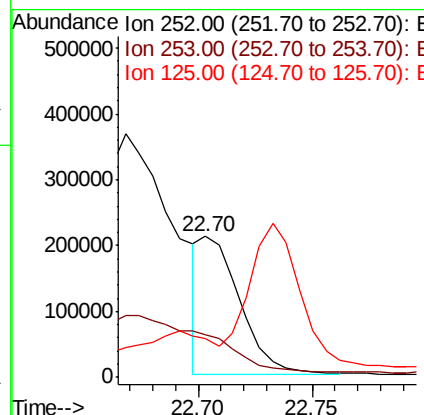
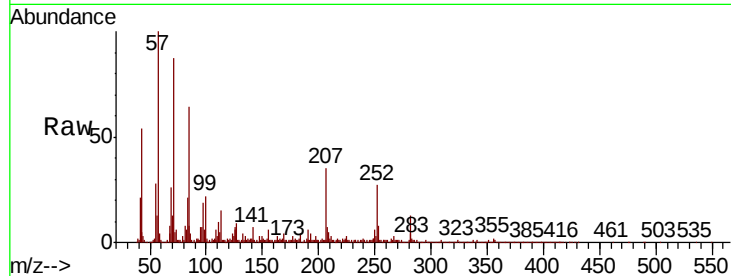
#89
Benzo(k)fluoranthene
Concen: 1.979 ng/ul m
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Instrument :
BNA_M
ClientSampled :
JLM53

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.2	25.8#
125	27.2	5.9	8.9#

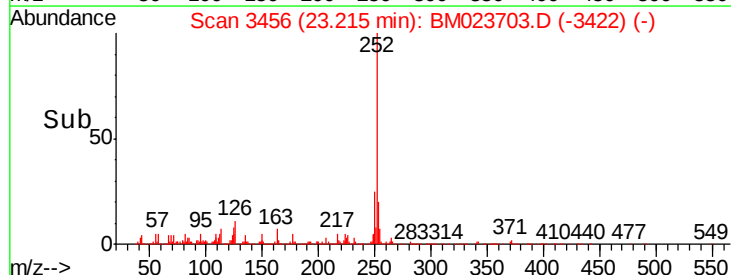
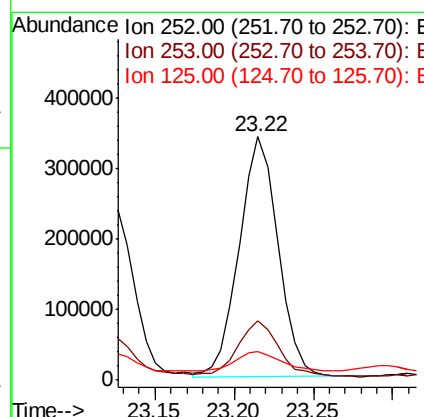
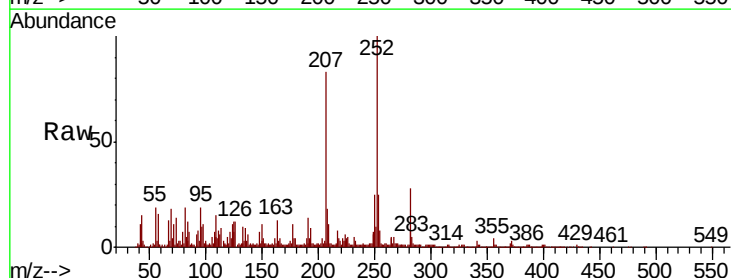
Manual Integrations
APPROVED

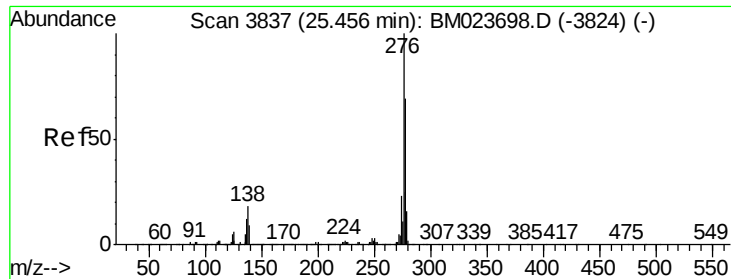
mohammad
11/14/2019 6:59:34 AM



#91
Benzo(a)pyrene
Concen: 4.703 ng/ul
RT: 23.22 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.3	25.9
125	11.8	6.9	10.3#





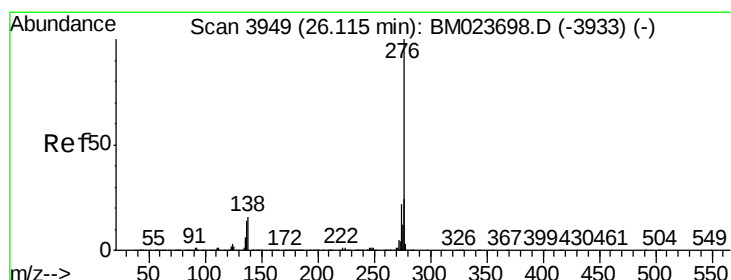
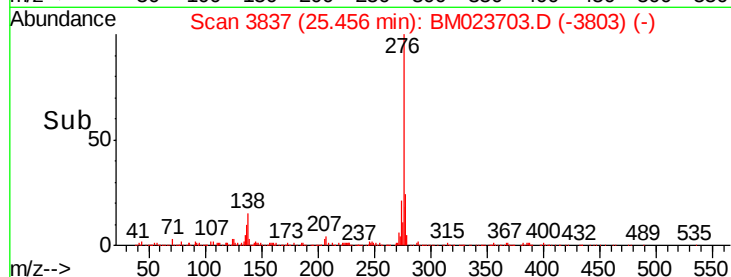
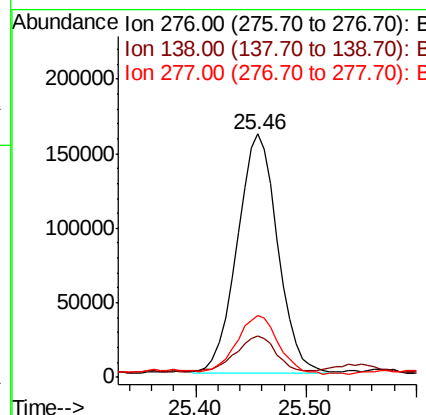
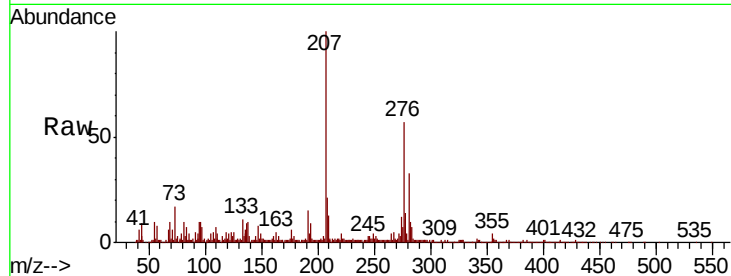
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.141 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.00 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Instrument :
BNA_M
ClientSampleId :
JLM53

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.0	22.4
277	25.2	20.0	30.0

Manual Integrations
APPROVED

mohammad
11/14/2019 6:59:34 AM



#94
Benzo(g,h,i)perylene
Concen: 4.026 ng/ul
RT: 26.11 min Scan# 3949
Delta R.T. 0.00 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.2	19.8
277	23.9	18.6	28.0

