

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023723.D
 Acq On : 14 Nov 2019 19:05
 Operator : JU
 Sample : K5700-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGX1

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:19 PM

Quant Time: Nov 15 07:00:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 06:30:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	294683	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	1212777	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	769436	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1659322	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1632330	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1923345	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	46344	6.48	ng/uL	0.00
5) Phenol-d5	6.72	99	153694	5.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	378153	24.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	440908	22.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	283941	13.25	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	270833	31.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	310034	33.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	551383	26.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	58819	2.57	ng/ul	0.01
44) Dimethylphthalate-d6	13.61	166	1913473	31.89	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2115372	30.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	61079	5.96	ng/ul	0.00
58) Fluorene-d10	15.19	176	1631395	30.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	295010	30.74	ng/ul	0.00
71) Anthracene-d10	17.04	188	2659759	33.79	ng/ul	0.00
79) Pyrene-d10	19.34	212	2902068	34.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3419479	33.79	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.36	128	20295318m	318.389	ng/ul
34) 2-Methylnaphthalene	11.98	142	528573	10.840	ng/ul 99
41) 1,1'-Biphenyl	13.02	154	330743	5.572	ng/ul 99
45) Dimethylphthalate	13.66	163	95887	1.631	ng/ul 98
50) Acenaphthene	14.26	153	3889336	79.502	ng/ul 99
54) Dibenzofuran	14.59	168	1970789	27.214	ng/ul 98
59) Fluorene	15.24	166	2984320	50.794	ng/ul 99
70) Phenanthrene	16.98	178	1790197	19.587	ng/ul 99
72) Anthracene	17.07	178	161784	1.760	ng/ul 97
75) Carbazole	17.34	167	3976097	51.900	ng/ul 100
77) Fluoranthene	19.00	202	710479	7.256	ng/ul 98
80) Pyrene	19.37	202	504457	4.781	ng/ul 99

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

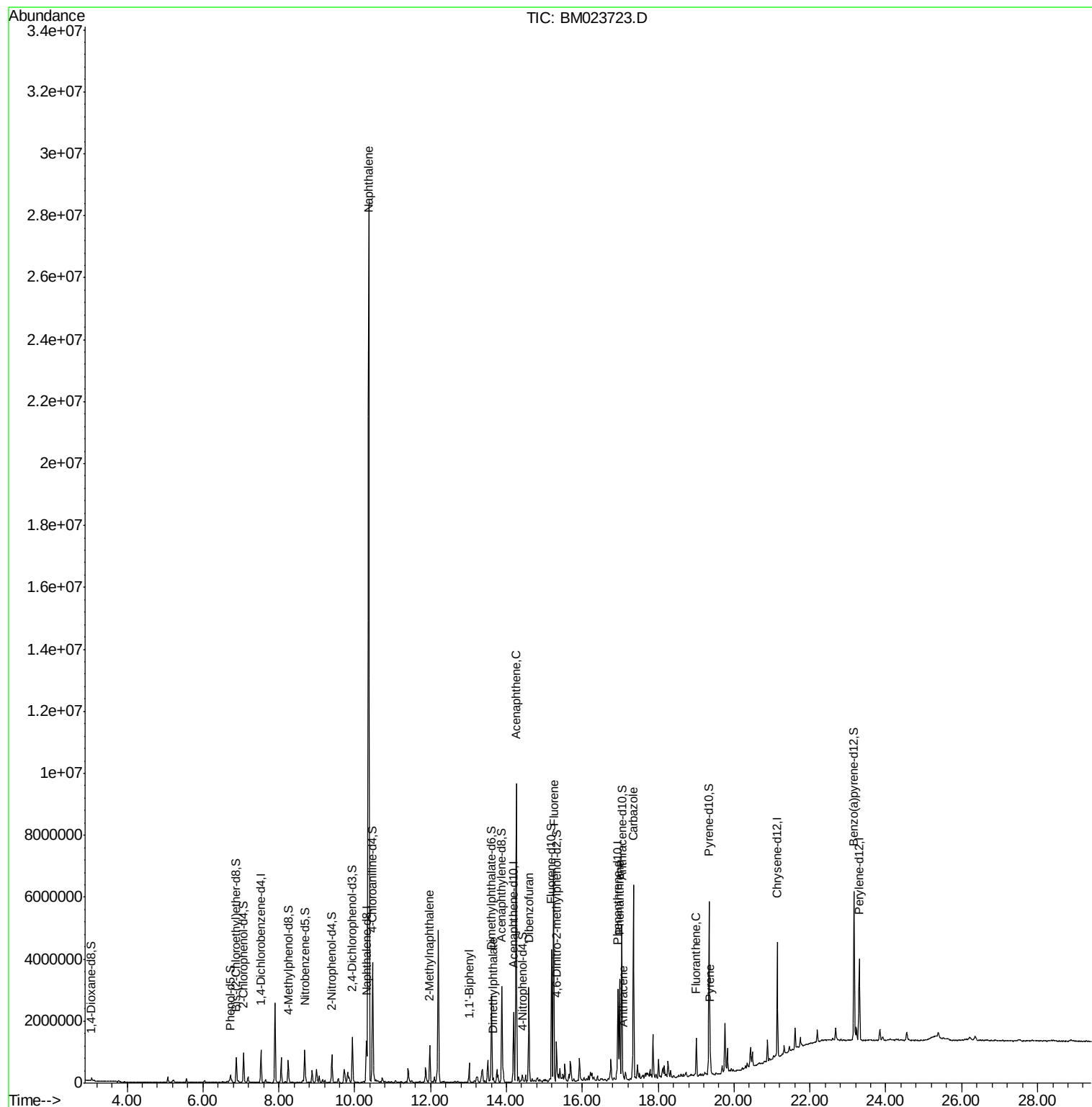
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

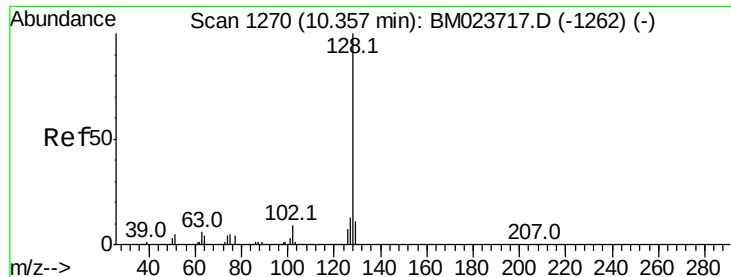
Instrument :
BNA_M
ClientSampleId :
BEGX1

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:19 PM

Quant Time: Nov 15 07:00:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 06:30:14 2019
Response via : Initial Calibration





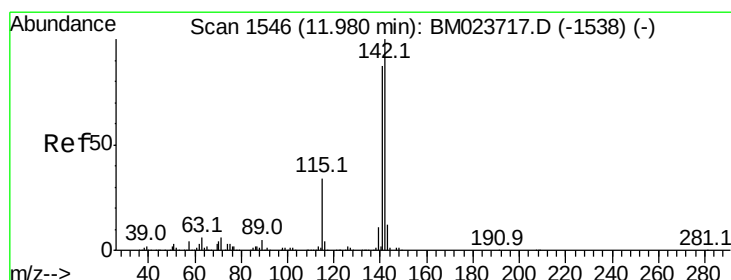
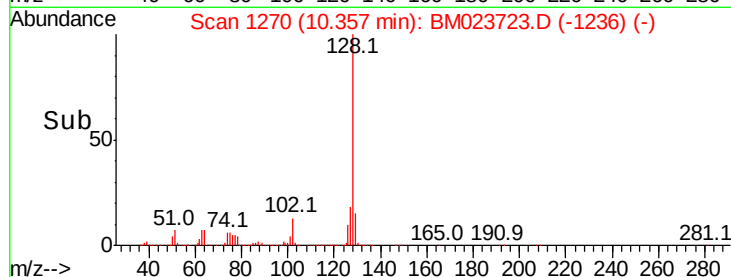
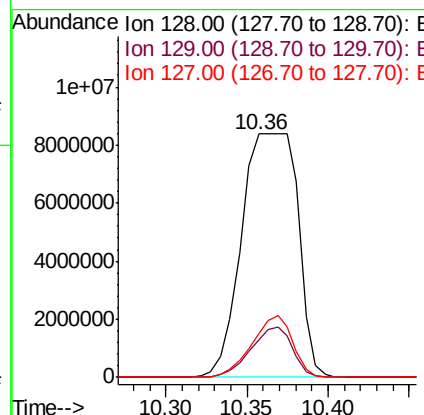
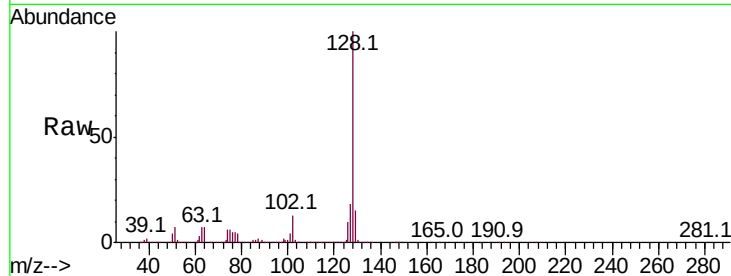
#28
Naphthalene
Concen: 318.389 ng/ul m
RT: 10.36 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Instrument :
BNA_M
ClientSampleId :
BEGX1

Tot Ion:128 Resp:20295318
Ion Ratio Lower Upper
128 100
129 15.2 8.7 13.1#
127 17.9 10.6 16.0#

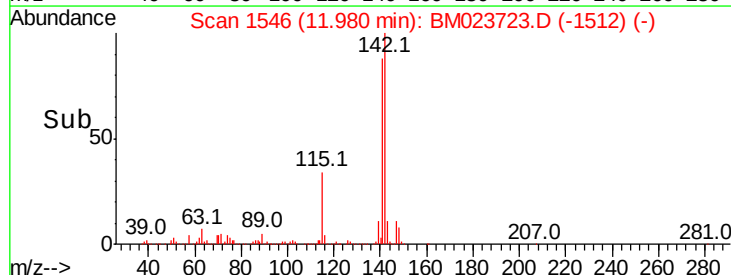
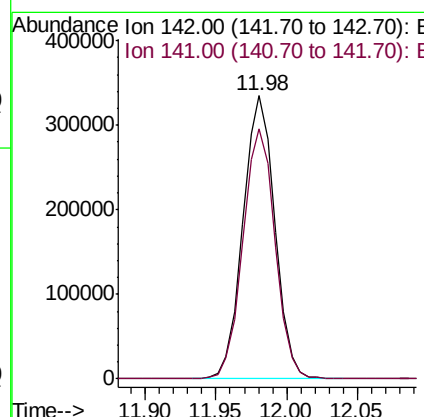
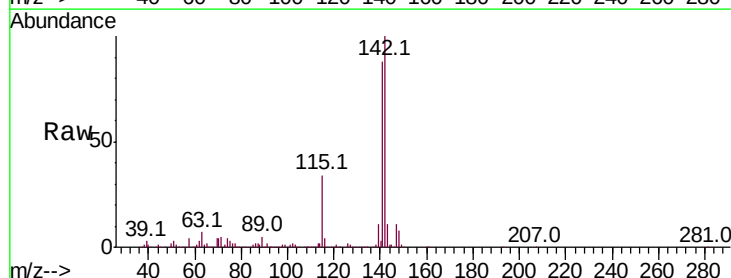
Manual Integrations
APPROVED

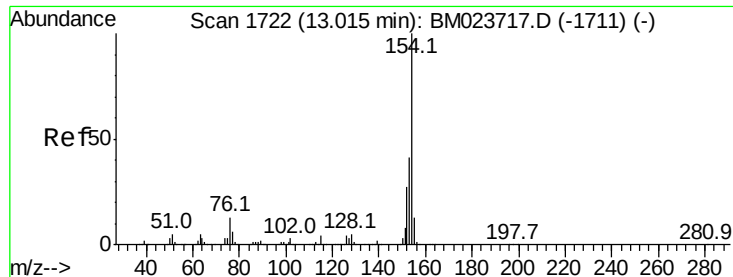
mohammad
11/15/2019 5:59:19 PM



#34
2-Methylnaphthalene
Concen: 10.840 ng/ul
RT: 11.98 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Tgt Ion:142 Resp: 528573
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.8





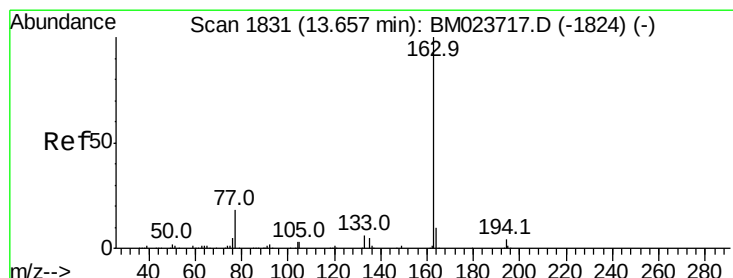
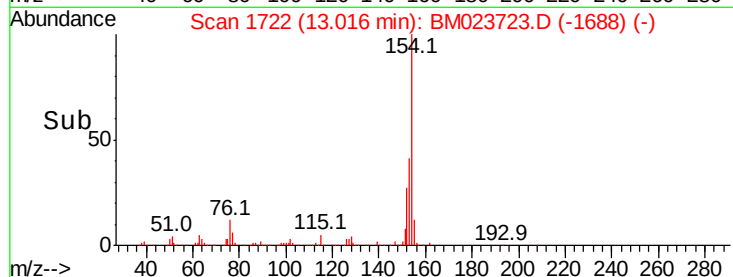
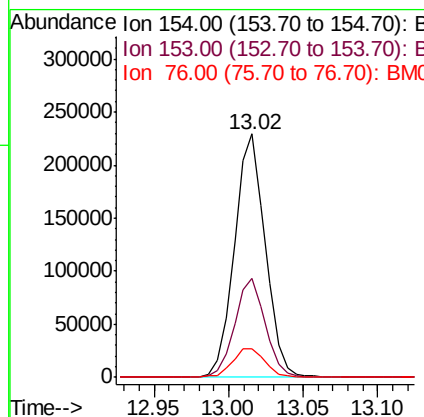
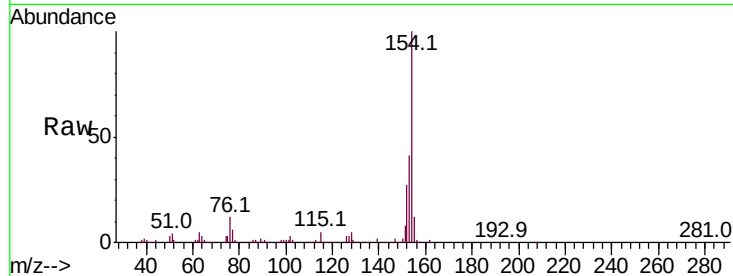
#41
1,1'-Biphenyl
Concen: 5.572 ng/ul
RT: 13.02 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Instrument :
BNA_M
ClientSampleId :
BEGX1

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.6	32.3	48.5
76	11.7	10.6	15.8

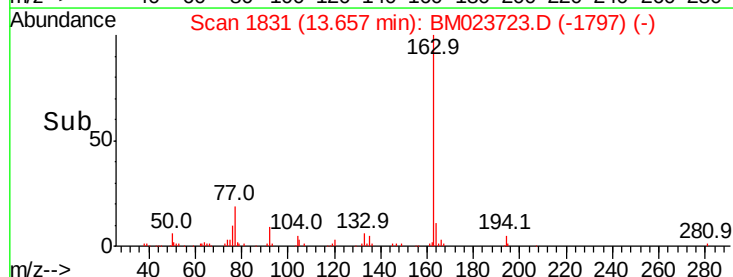
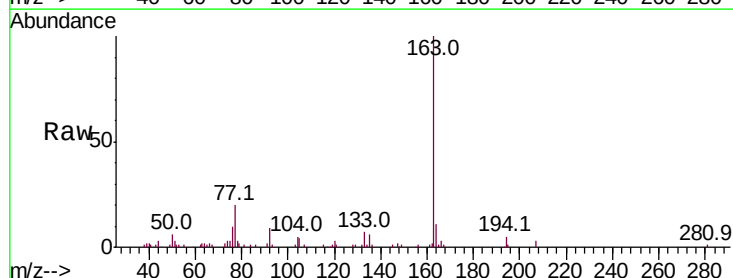
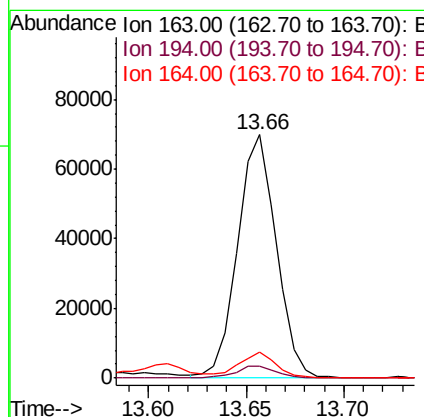
Manual Integrations
APPROVED

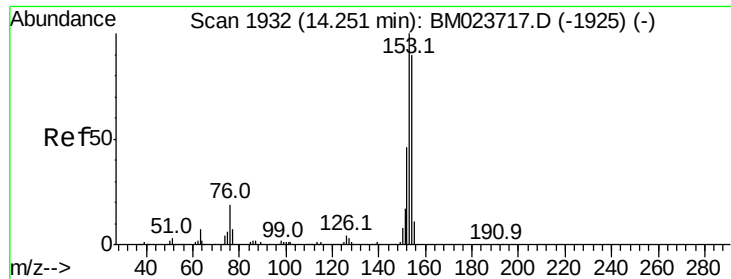
mohammad
11/15/2019 5:59:19 PM



#45
Dimethylphthalate
Concen: 1.631 ng/ul
RT: 13.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	5.1	3.4	5.2
164	10.5	8.0	12.0





#50

Acenaphthene

Concen: 79.502 ng/ul

RT: 14.26 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BM023723.D

Acq: 14 Nov 2019 19:05

Instrument :

BNA_M

ClientSampleId :

BEGX1

Tot Ion:153 Resp: 3889336

Ion Ratio Lower Upper

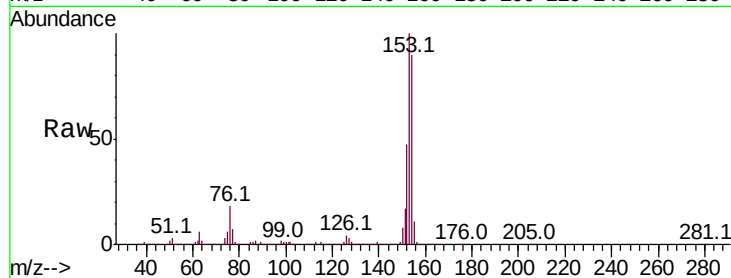
153 100

152 46.8 37.7 56.5

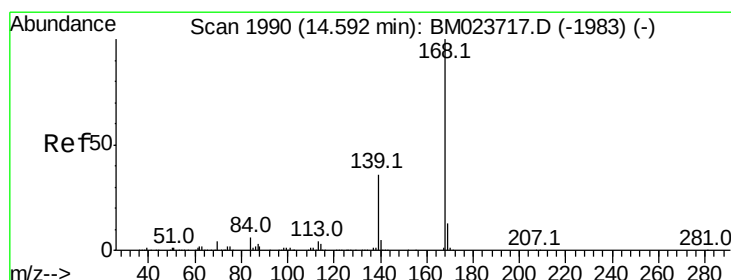
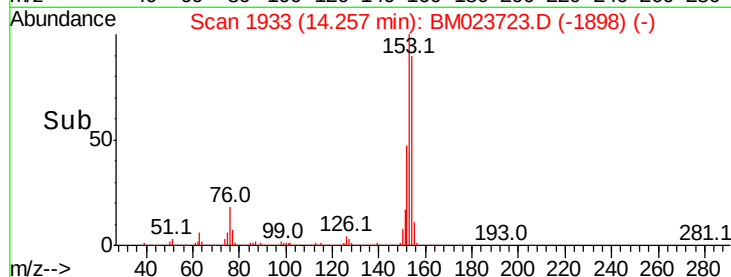
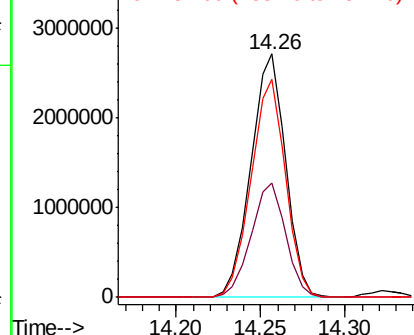
154 89.7 70.6 106.0

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:19 PM



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 27.214 ng/ul

RT: 14.59 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM023723.D

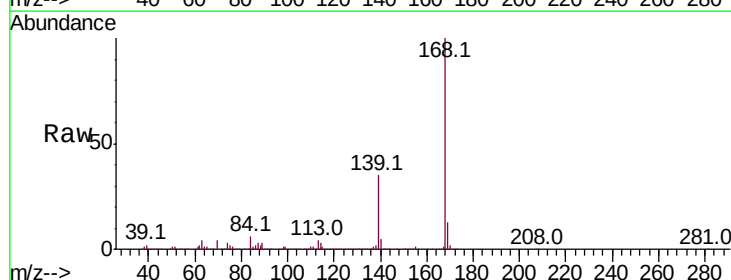
Acq: 14 Nov 2019 19:05

Tgt Ion:168 Resp: 1970789

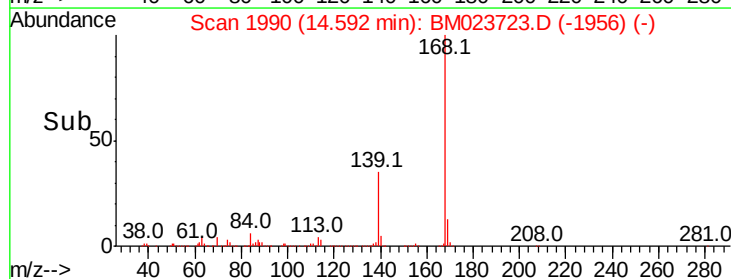
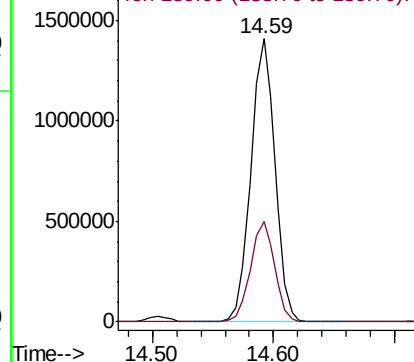
Ion Ratio Lower Upper

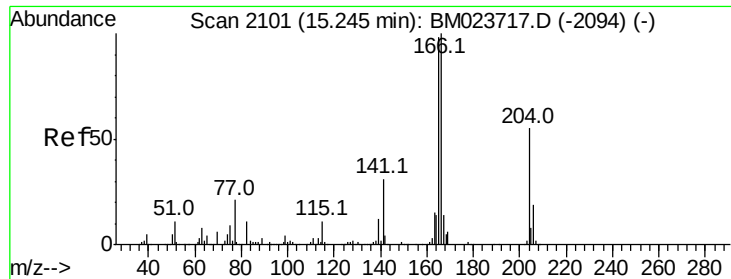
168 100

139 35.4 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





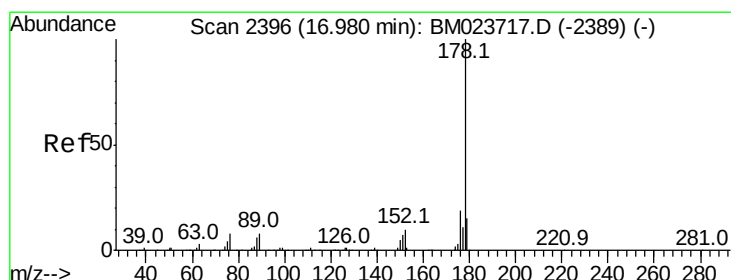
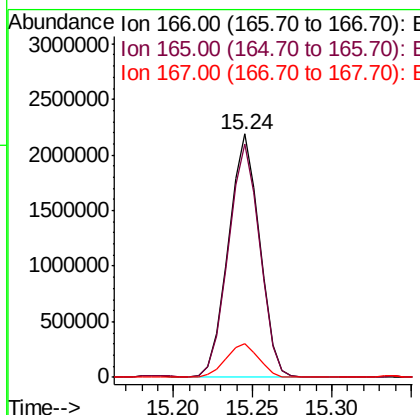
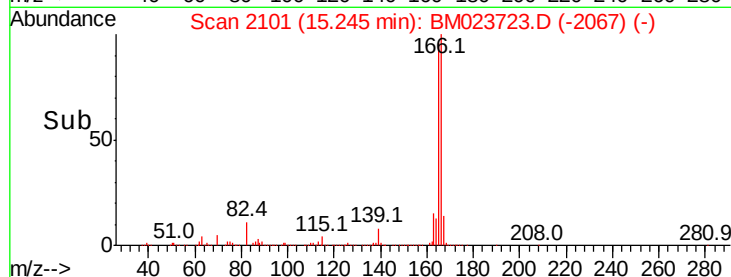
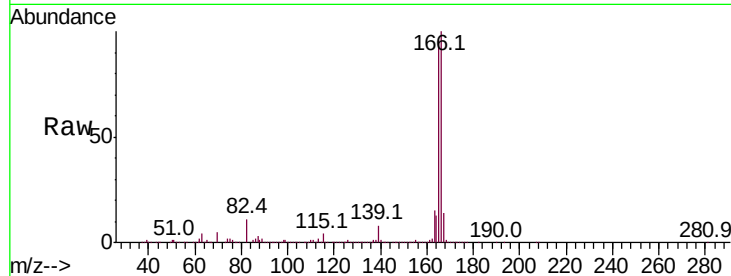
#59
Fluorene
Concen: 50.794 ng/ul
RT: 15.24 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Instrument :
BNA_M
ClientSampleId :
BEGX1

Tot Ion:166 Resp: 2984320
Ion Ratio Lower Upper
166 100
165 95.7 77.2 115.8
167 14.0 10.9 16.3

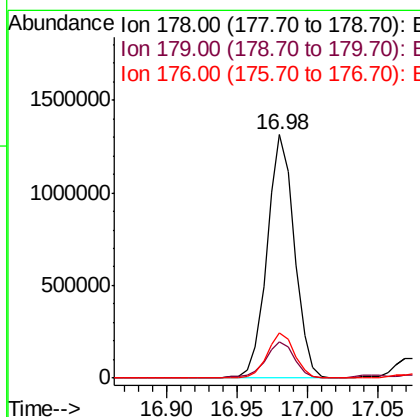
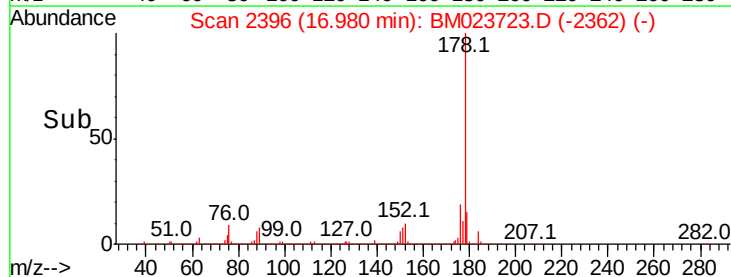
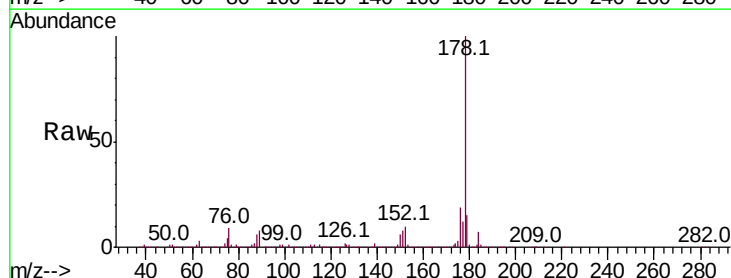
Manual Integrations
APPROVED

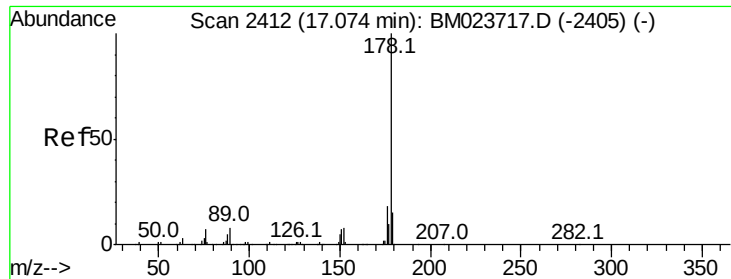
mohammad
11/15/2019 5:59:19 PM



#70
Phenanthrene
Concen: 19.587 ng/ul
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Tgt Ion:178 Resp: 1790197
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.7 15.0 22.6





#72

Anthracene

Concen: 1.760 ng/ul

RT: 17.07 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM023723.D

Acq: 14 Nov 2019 19:05

Instrument :

BNA_M

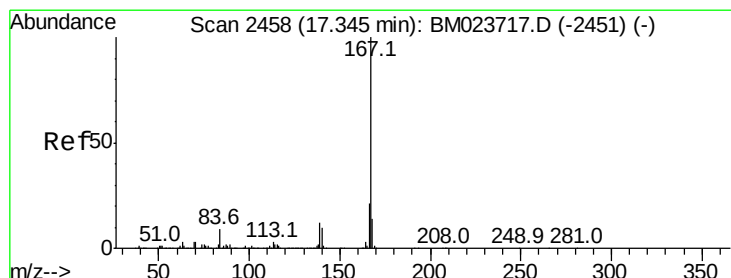
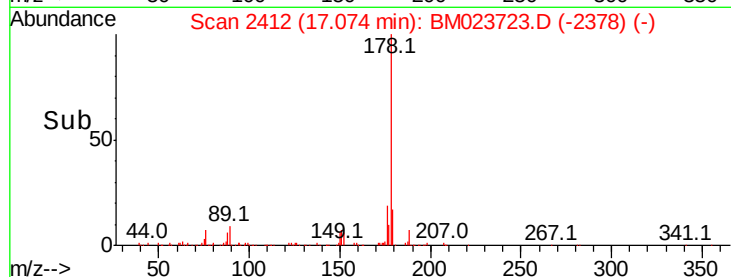
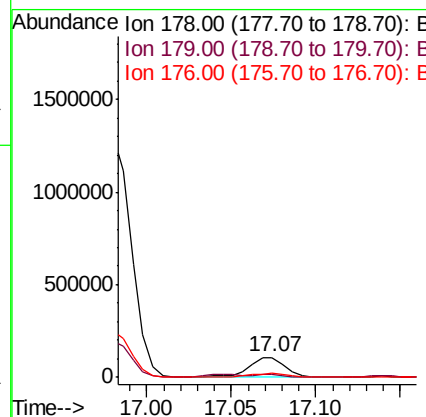
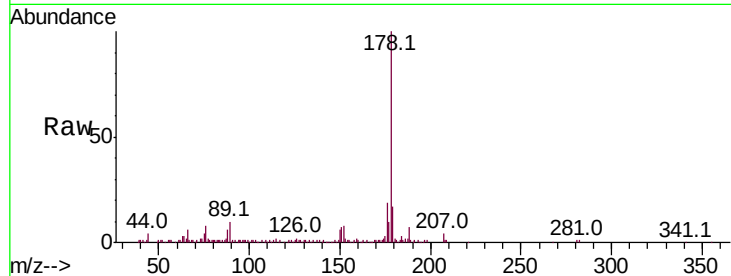
ClientSampleId :

BEGX1

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.3	18.5
176	19.0	14.7	22.1

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:19 PM



#75

Carbazole

Concen: 51.900 ng/ul

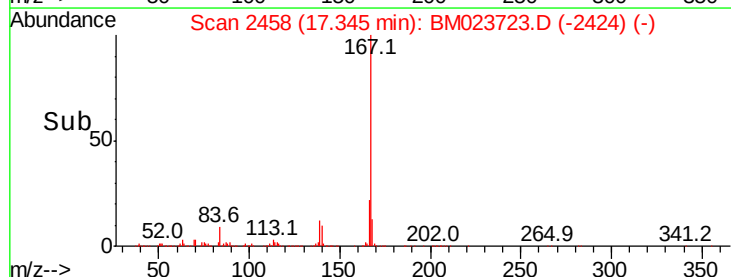
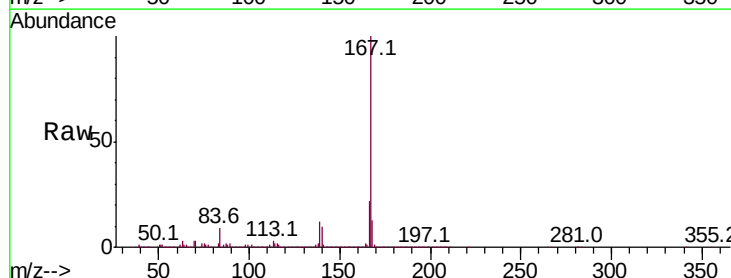
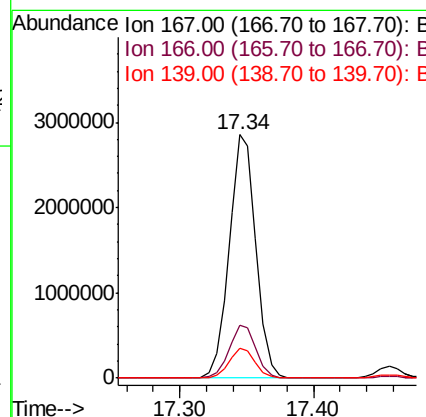
RT: 17.34 min Scan# 2458

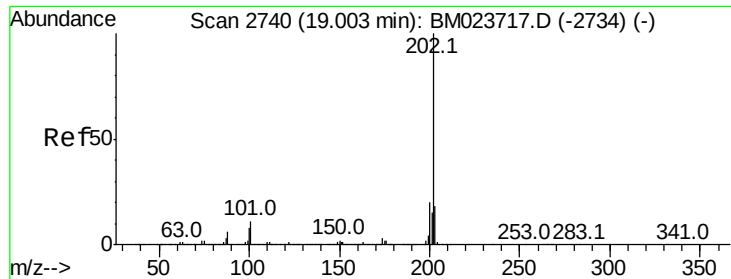
Delta R.T. 0.00 min

Lab File: BM023723.D

Acq: 14 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.4	9.8	14.6





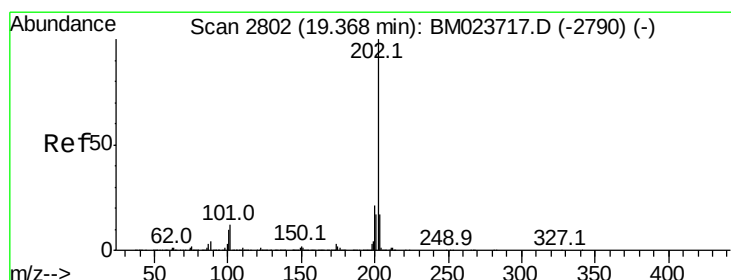
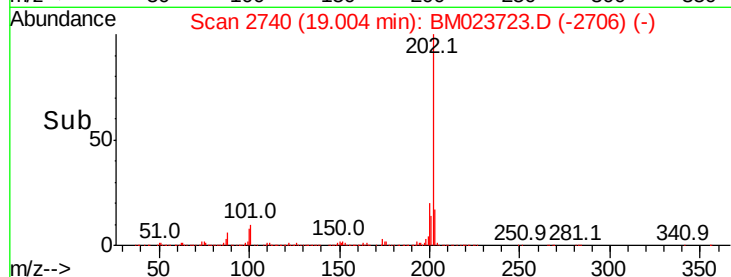
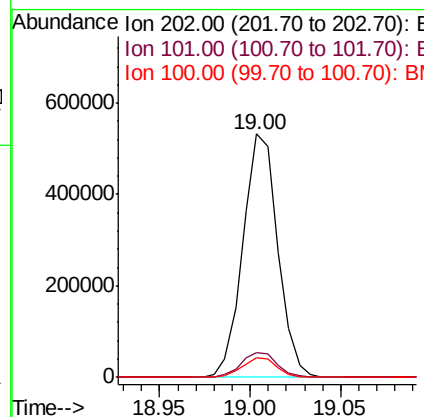
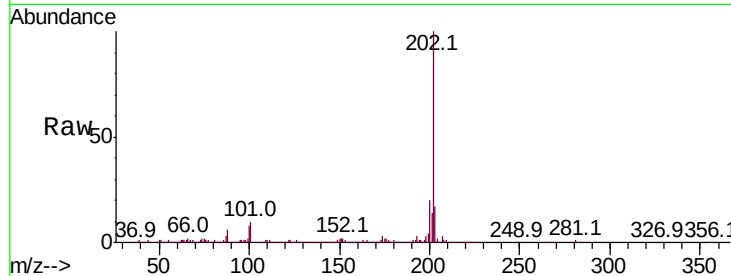
#77
Fluoranthene
Concen: 7.256 ng/ul
RT: 19.00 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Instrument :
BNA_M
ClientSampleId :
BEGX1

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

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:19 PM



#80
Pyrene
Concen: 4.781 ng/ul
RT: 19.37 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BM023723.D
Acq: 14 Nov 2019 19:05

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.6	8.1	12.1

