

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030729.D
 Acq On : 01 Jul 2021 06:27
 Operator : CG/JU
 Sample : M2808-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDQ3

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:55:56 PM

Quant Time: Jul 01 07:19:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	100696	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	397399	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	235122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	439923	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	420674	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	493072	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	6307	2.539	ng/uL	0.00
4) Pyridine-d5	3.699	84	37837	5.670	ng/u1	0.02
7) Phenol-d5	6.946	99	100028	11.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	66595	12.200	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	86807	12.950	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	80996	11.984	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	38744	13.065	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	40563	12.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	77078	12.209	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	90698	10.302	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	225476	13.889	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	281575	13.362	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	18893	6.143	ng/u1	0.00
60) Fluorene-d10	15.398	176	198450	13.782	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	12524	4.351	ng/u1	0.00
73) Anthracene-d10	17.239	188	283966	13.831	ng/u1	0.00
81) Pyrene-d10	19.527	212	290568	13.182	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	311359	12.146	ng/u1	0.00
Target Compounds					Qvalue	
47) Dimethylphthalate	13.863	163	50806	3.194	ng/u1#	98
50) Acenaphthylene	14.128	152	29821	1.526	ng/u1	97
52) Acenaphthene	14.469	153	15498	1.092	ng/u1	96
61) Fluorene	15.451	166	20322	1.247	ng/u1	97
72) Phenanthrene	17.186	178	326592	13.824	ng/u1	99
74) Anthracene	17.275	178	128991	5.340	ng/u1	99
80) Fluoranthene	19.198	202	688818	25.587	ng/u1	97
82) Pyrene	19.557	202	520172	18.389	ng/u1	99
85) Benzo(a)anthracene	21.298	228	368859	14.129	ng/u1	96
87) Chrysene	21.345	228	304099	11.949	ng/u1	97
90) Benzo(b)fluoranthene	22.886	252	372483	11.899	ng/u1	98
91) Benzo(k)fluoranthene	22.921	252	121953m	4.054	ng/u1	
93) Benzo(a)pyrene	23.462	252	252147	8.958	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.839	276	155071	4.376	ng/u1#	94
95) Dibenzo(a,h)anthracene	25.839	278	53644	1.826	ng/u1#	77

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

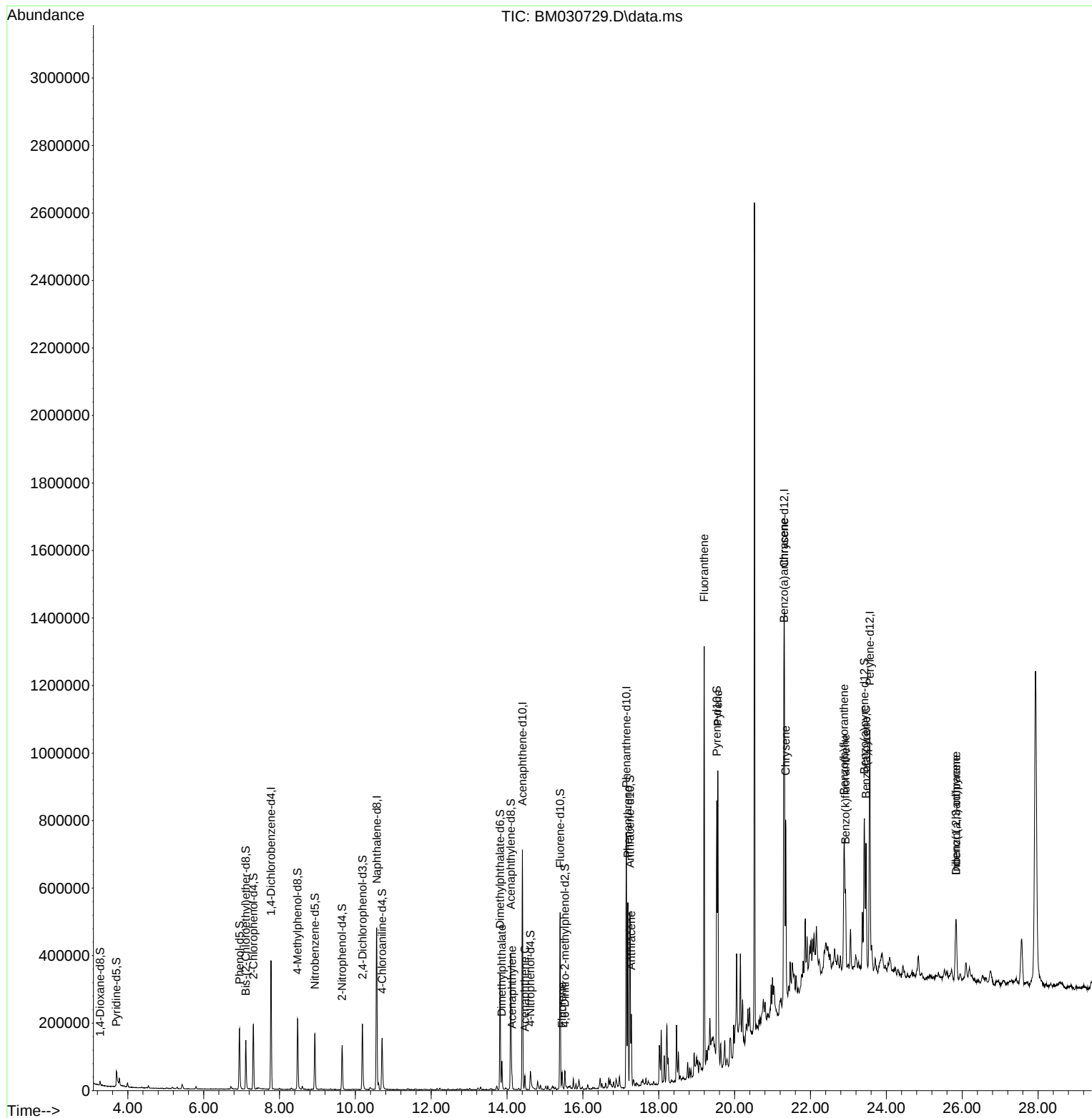
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030729.D
Acq On : 01 Jul 2021 06:27
Operator : CG/JU
Sample : M2808-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

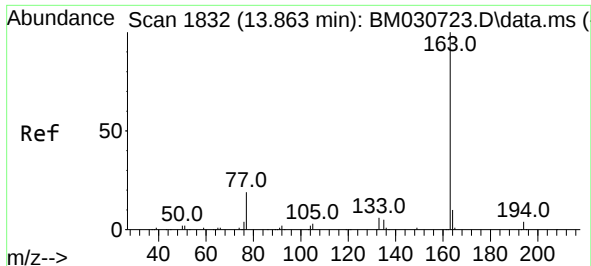
Instrument :
BNA_M
ClientSampleId :
BGDQ3

Manual Integrations
APPROVED

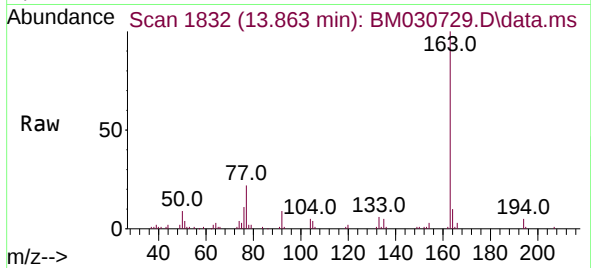
mohammad
7/1/2021 2:55:56 PM

Quant Time: Jul 01 07:19:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

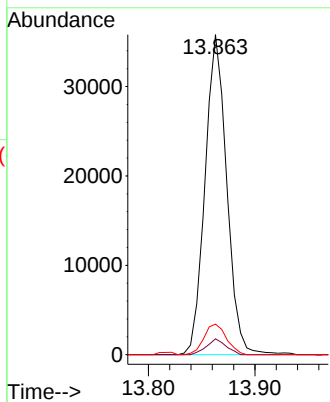
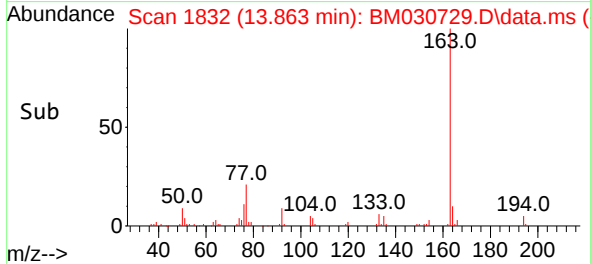




#47
Dimethylphthalate
Concen: 3.194 ng/ul
RT: 13.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27



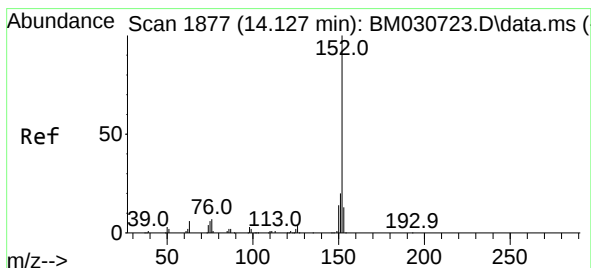
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.2	4.8#
164	9.6	8.2	12.4



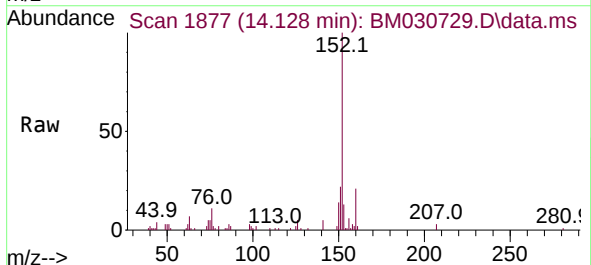
Instrument :
BNA_M
ClientSampled :
BGDQ3

Manual Integrations
APPROVED

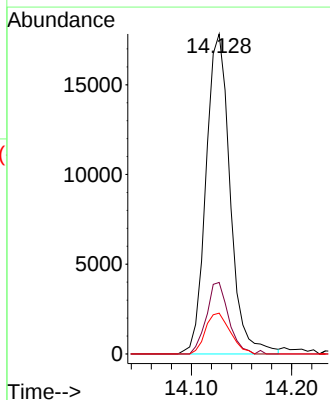
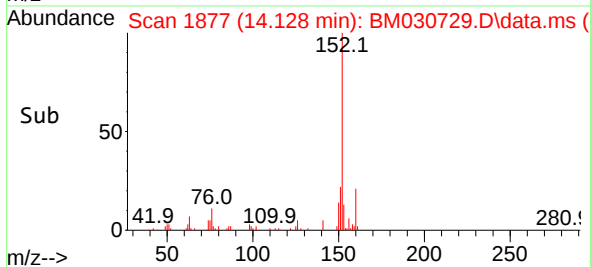
mohammad
7/1/2021 2:55:56 PM

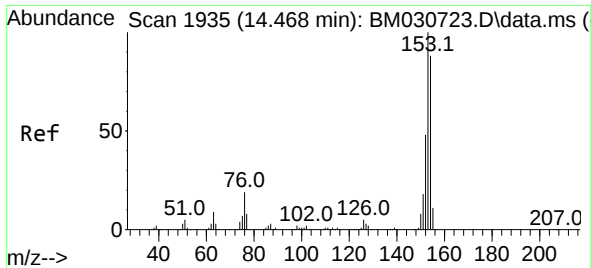


#50
Acenaphthylene
Concen: 1.526 ng/ul
RT: 14.128 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27



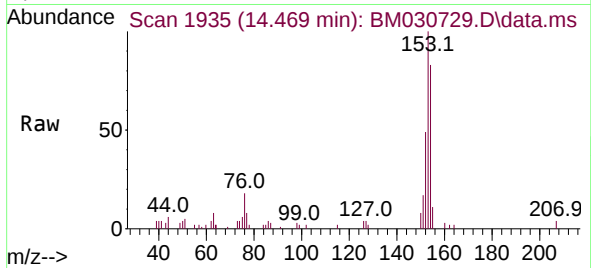
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.2	24.2
153	12.7	10.2	15.4





#52
Acenaphthene
Concen: 1.092 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

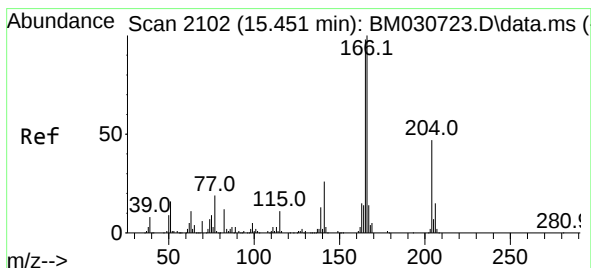
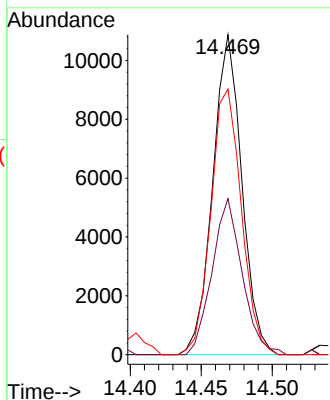
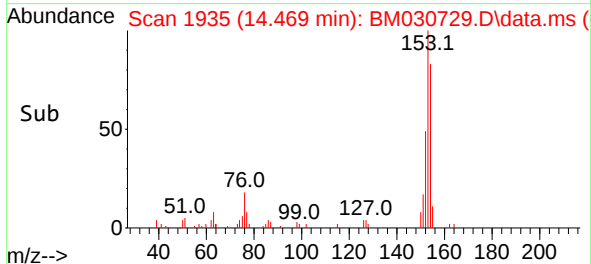
Instrument :
BNA_M
ClientSampled :
BGDQ3



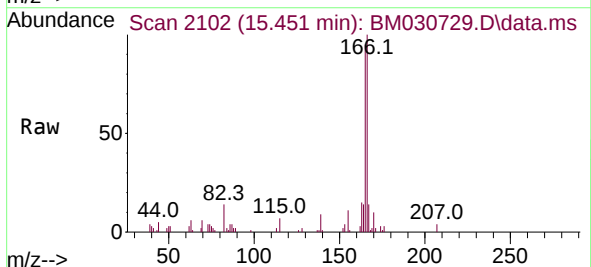
Tgt Ion:153 Resp: 15498
Ion Ratio Lower Upper
153 100
152 48.8 37.4 56.2
154 83.0 69.4 104.0

Manual Integrations
APPROVED

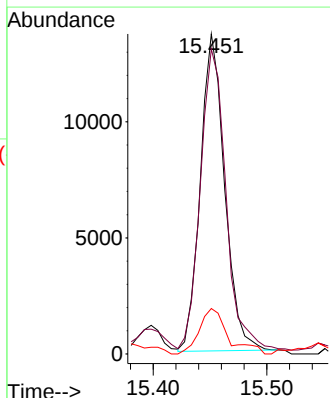
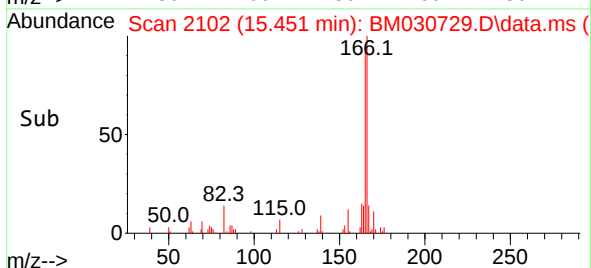
mohammad
7/1/2021 2:55:56 PM

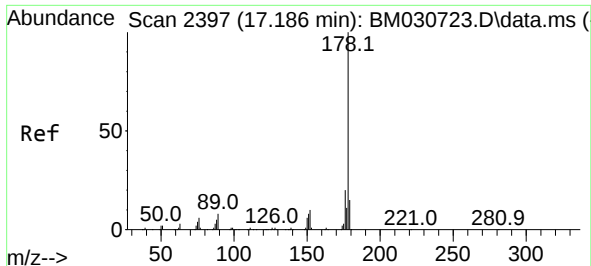


#61
Fluorene
Concen: 1.247 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27



Tgt Ion:166 Resp: 20322
Ion Ratio Lower Upper
166 100
165 95.3 78.4 117.6
167 14.2 10.6 15.8





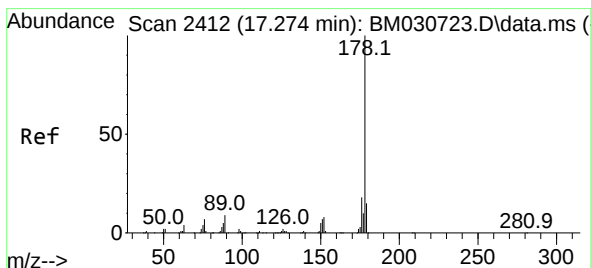
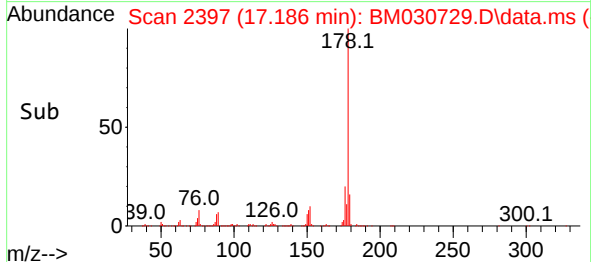
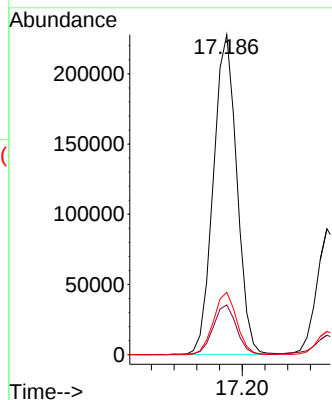
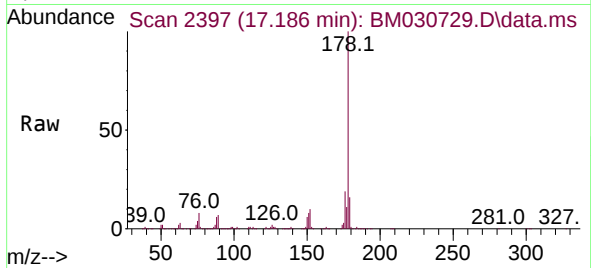
#72
Phenanthrene
Concen: 13.824 ng/ul
RT: 17.186 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

Tgt Ion:178 Resp: 326592
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.5 15.2 22.8

Instrument :
BNA_M
ClientSampleId :
BGDQ3

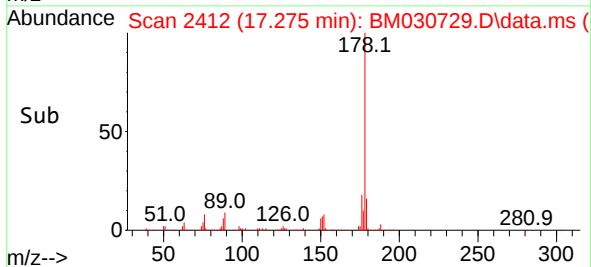
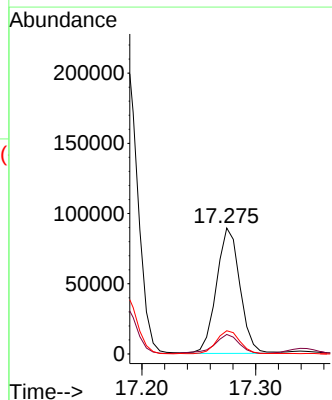
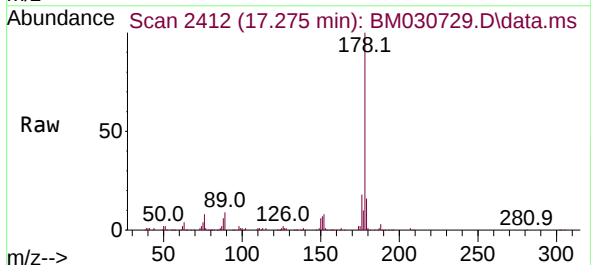
Manual Integrations
APPROVED

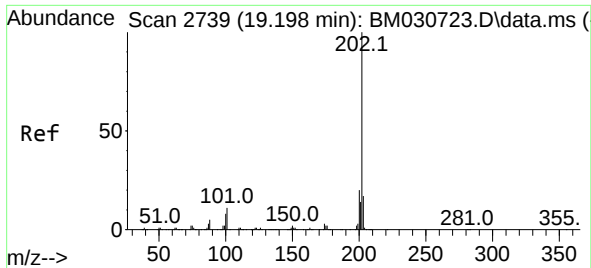
mohammad
7/1/2021 2:55:56 PM



#74
Anthracene
Concen: 5.340 ng/ul
RT: 17.275 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

Tgt Ion:178 Resp: 128991
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.4 15.2 22.8





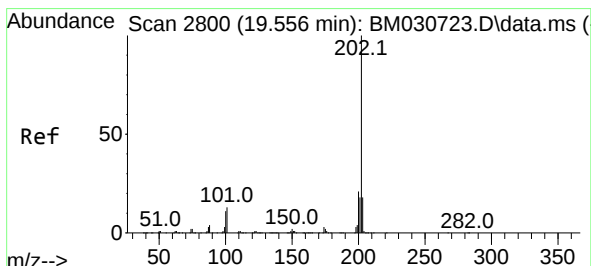
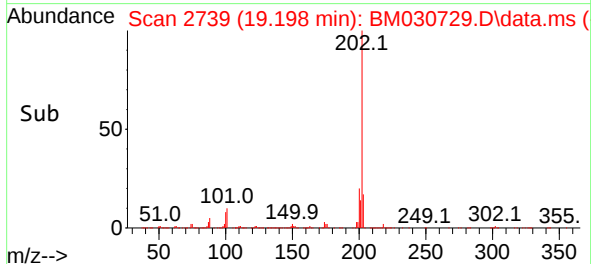
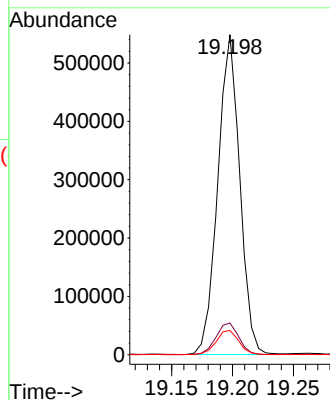
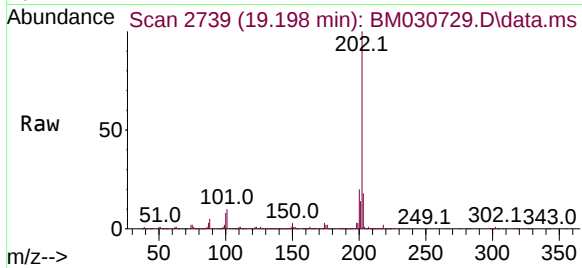
#80
Fluoranthene
Concen: 25.587 ng/ul
RT: 19.198 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

Tgt Ion:202 Resp: 688818
Ion Ratio Lower Upper
202 100
101 9.9 8.8 13.2
100 7.6 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BGDQ3

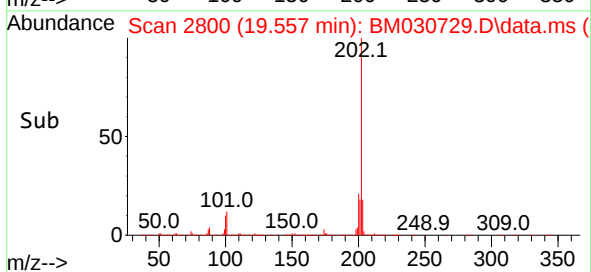
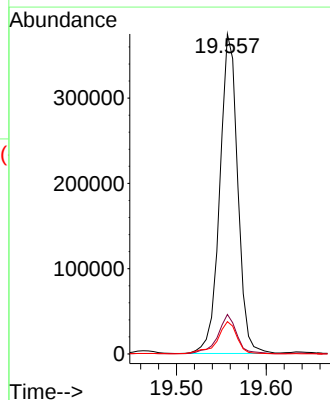
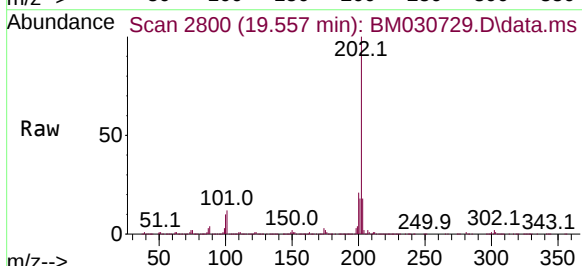
Manual Integrations
APPROVED

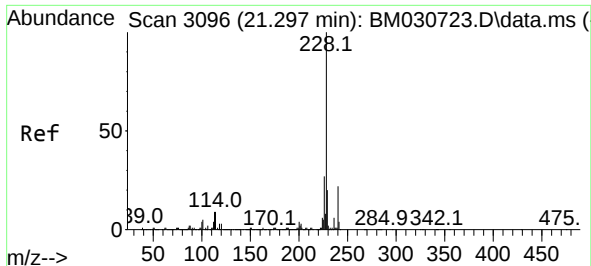
mohammad
7/1/2021 2:55:56 PM



#82
Pyrene
Concen: 18.389 ng/ul
RT: 19.557 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

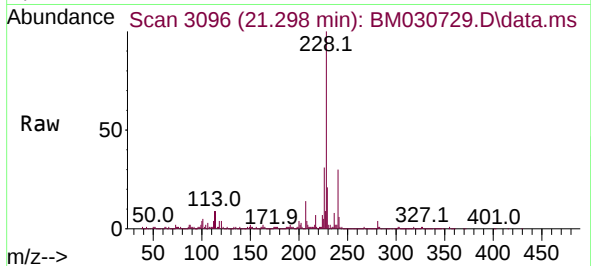
Tgt Ion:202 Resp: 520172
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 10.1 8.5 12.7





#85
Benzo(a)anthracene
Concen: 14.129 ng/ul
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

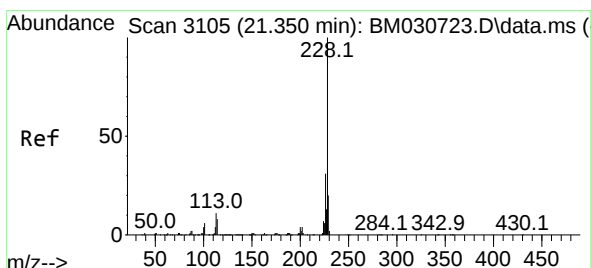
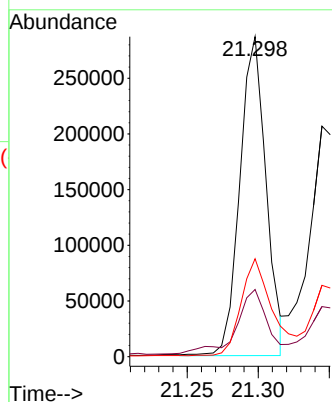
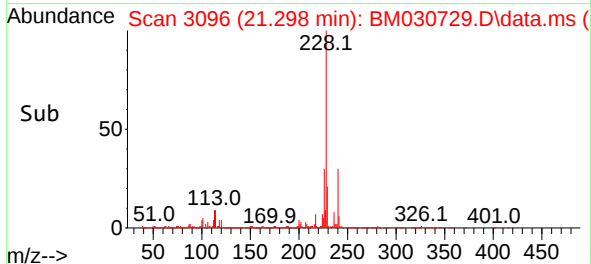
Instrument :
BNA_M
ClientSampled :
BGDQ3



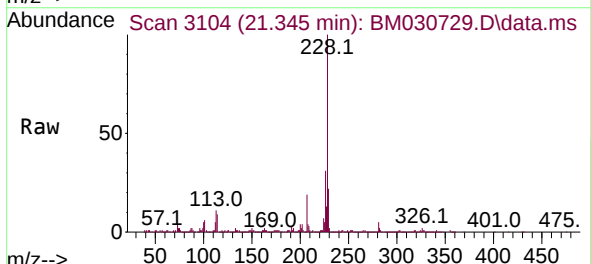
Tgt Ion:228 Resp: 368859
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 30.6 22.2 33.2

Manual Integrations
APPROVED

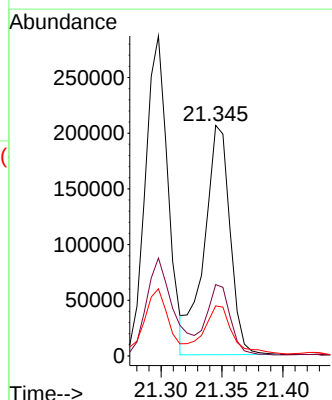
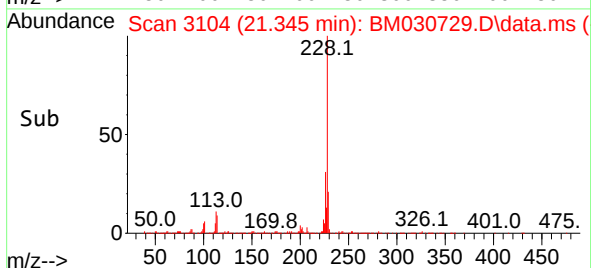
mohammad
7/1/2021 2:55:56 PM

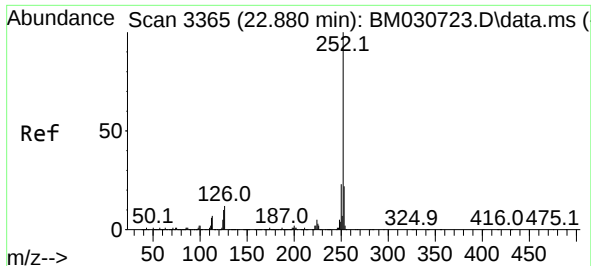


#87
Chrysene
Concen: 11.949 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27



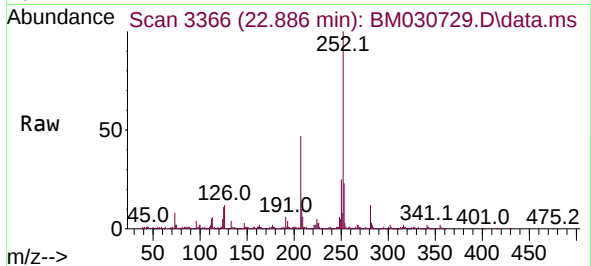
Tgt Ion:228 Resp: 304099
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.8 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 11.899 ng/ul
RT: 22.886 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

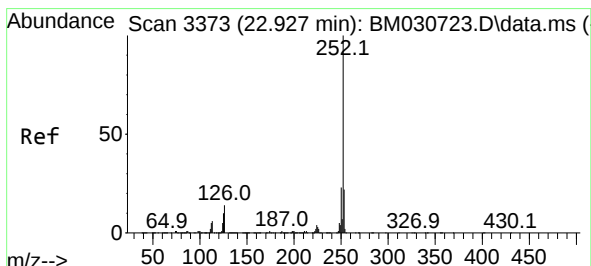
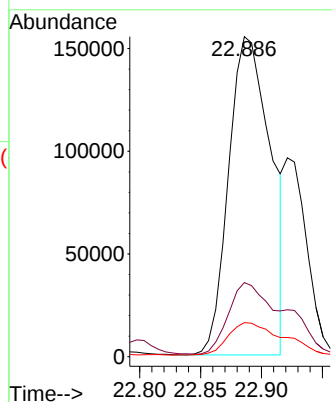
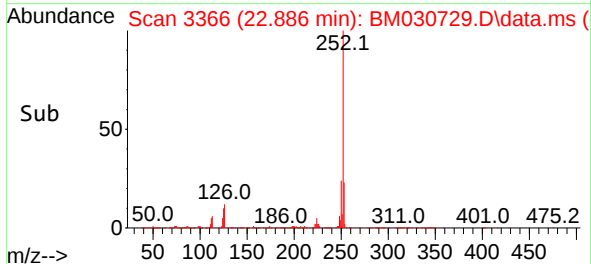
Instrument :
BNA_M
ClientSampled :
BGDQ3



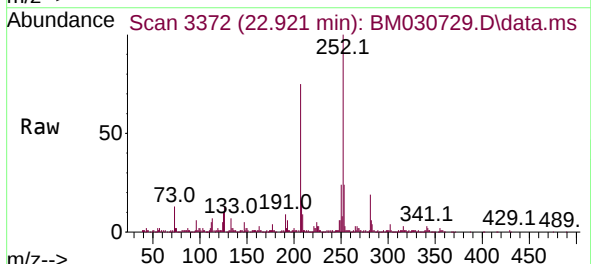
Tgt Ion:252 Resp: 372483
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.7 7.7 11.5

Manual Integrations
APPROVED

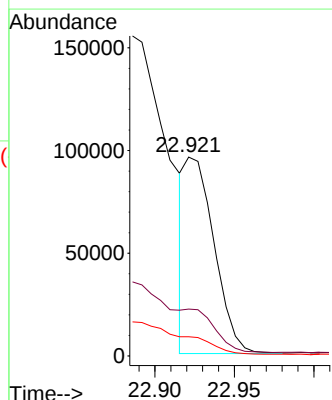
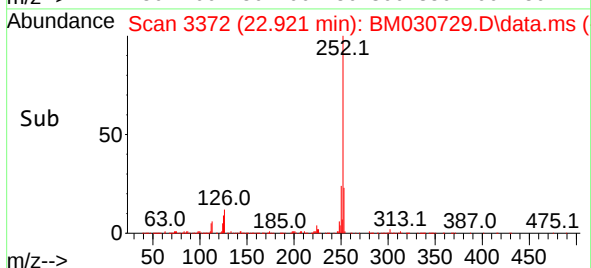
mohammad
7/1/2021 2:55:56 PM

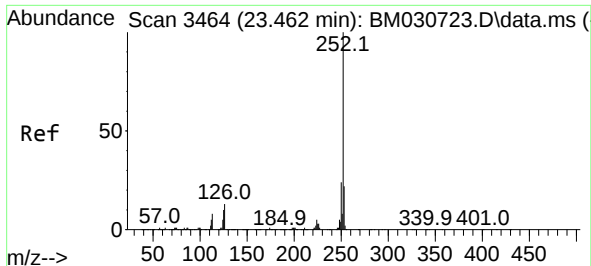


#91
Benzo(k)fluoranthene
Concen: 4.054 ng/ul m
RT: 22.921 min Scan# 3372
Delta R.T. -0.017 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27



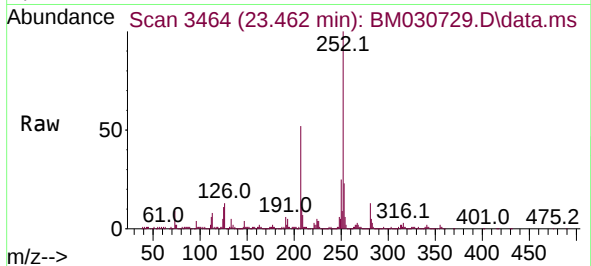
Tgt Ion:252 Resp: 121953
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 9.7 7.9 11.9





#93
Benzo(a)pyrene
Concen: 8.958 ng/ul
RT: 23.462 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27

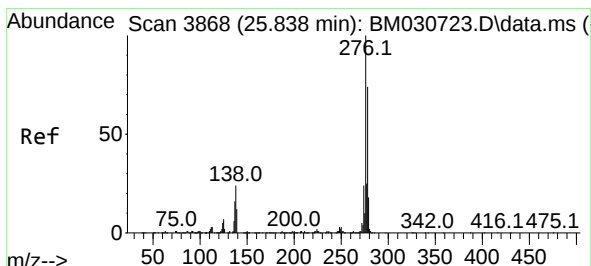
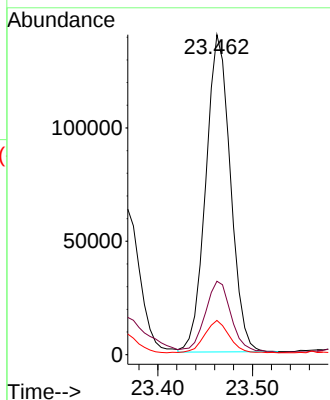
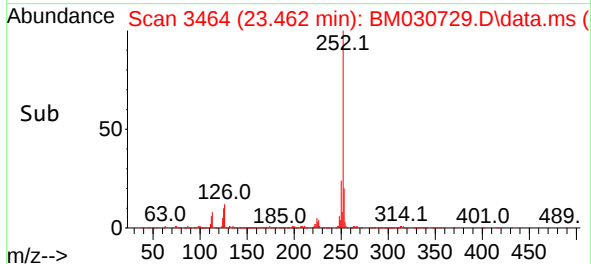
Instrument :
BNA_M
ClientSampled :
BGDQ3



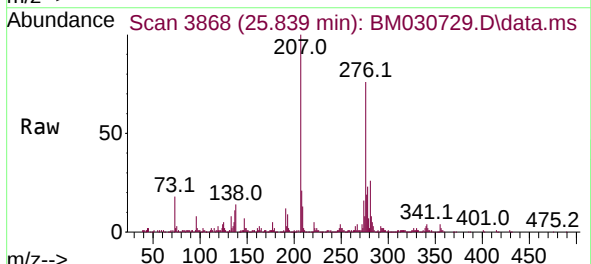
Tgt Ion:252 Resp: 252147
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.7 8.6 13.0

Manual Integrations
APPROVED

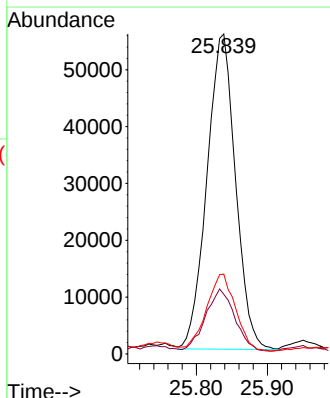
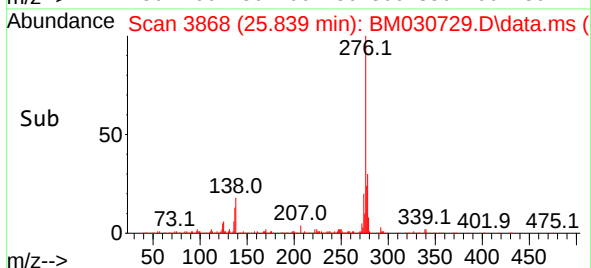
mohammad
7/1/2021 2:55:56 PM

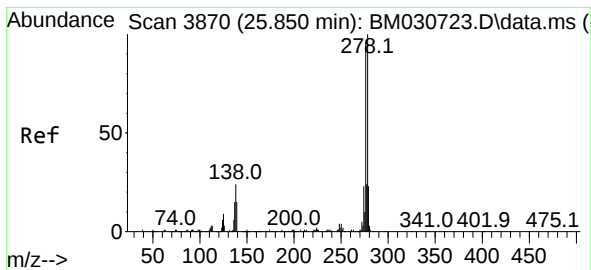


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.376 ng/ul
RT: 25.839 min Scan# 3868
Delta R.T. -0.012 min
Lab File: BM030729.D
Acq: 01 Jul 2021 06:27



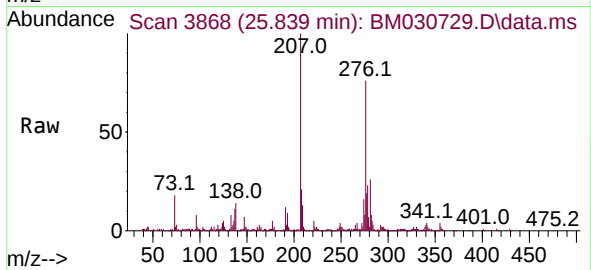
Tgt Ion:276 Resp: 155071
Ion Ratio Lower Upper
276 100
138 18.7 19.5 29.3#
277 24.9 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.826 ng/ul
 RT: 25.839 min Scan# 3868
 Delta R.T. -0.017 min
 Lab File: BM030729.D
 Acq: 01 Jul 2021 06:27

Instrument :
 BNA_M
 ClientSampleId :
 BGDQ3



Tgt Ion: 278 Resp: 53644
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.8 19.2#
 279 30.1 19.1 28.7#

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:55:56 PM

