

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030549.D
 Acq On : 23 Jun 2021 12:36
 Operator : CG/JU
 Sample : M2662-04DL2 20X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4DL2

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:49:20 PM

Quant Time: Jun 23 13:06:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	256886	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1047410	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	626824	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1143095	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1055148	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	1153585	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	1034	0.163	ng/uL	0.02
4) Pyridine-d5	3.699	84	317	0.019	ng/u1	0.00
7) Phenol-d5	6.975	99	18935	0.855	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	12190	0.875	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	13361	0.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	16089	0.933	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	6850	0.876	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	7277	0.838	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	14272	0.858	ng/u1	0.01
31) 4-Chloroaniline-d4	10.745	131	17935	0.773	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	54829	1.267	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	61662	1.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	2628	0.321	ng/u1	0.04
60) Fluorene-d10	15.427	176	49270	1.283	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	1837	0.246	ng/u1	0.00
73) Anthracene-d10	17.268	188	72408	1.357	ng/u1	-0.01
81) Pyrene-d10	19.557	212	53603	0.970	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.468	264	45915	0.766	ng/u1	-0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.157	152	76078	1.460	ng/u1	100
52) Acenaphthene	14.498	153	41343	1.093	ng/u1	99
56) Dibenzofuran	14.833	168	65006	1.233	ng/u1	98
61) Fluorene	15.480	166	93974	2.163	ng/u1	100
72) Phenanthrene	17.215	178	1318564	21.480	ng/u1	100
74) Anthracene	17.304	178	443010	7.058	ng/u1	99
80) Fluoranthene	19.227	202	1906732	28.238	ng/u1	98
82) Pyrene	19.586	202	654253	9.221	ng/u1	99
85) Benzo(a)anthracene	21.327	228	790167	12.067	ng/u1	98
87) Chrysene	21.380	228	561661	8.799	ng/u1	98
90) Benzo(b)fluoranthene	22.933	252	687819	9.391	ng/u1	99
91) Benzo(k)fluoranthene	22.968	252	236783m	3.364	ng/u1	
93) Benzo(a)pyrene	23.509	252	119851	1.820	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	25.903	276	118125	1.425	ng/u1	96
95) Dibenzo(a,h)anthracene	25.915	278	80881	1.177	ng/u1#	89

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

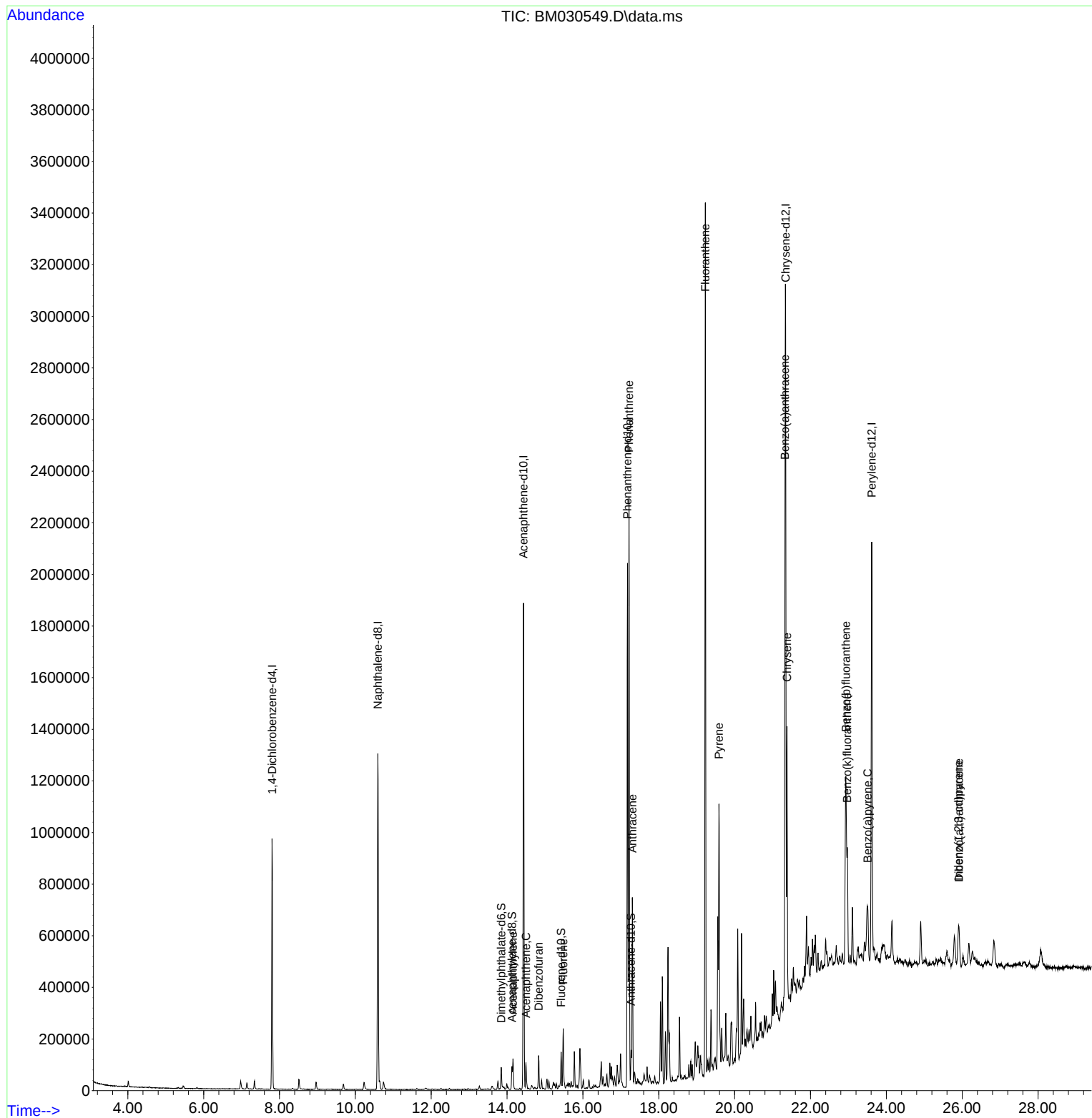
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030549.D
Acq On : 23 Jun 2021 12:36
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

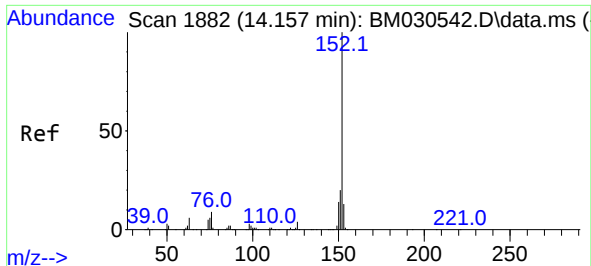
Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Manual Integrations
APPROVED

mohammad
6/23/2021 4:49:20 PM

Quant Time: Jun 23 13:06:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration





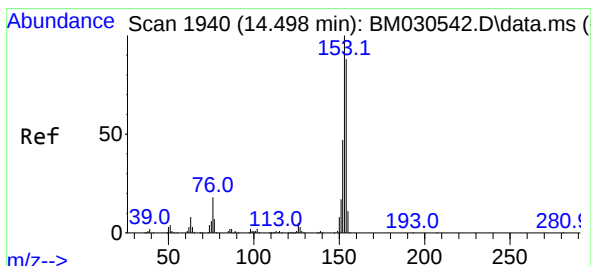
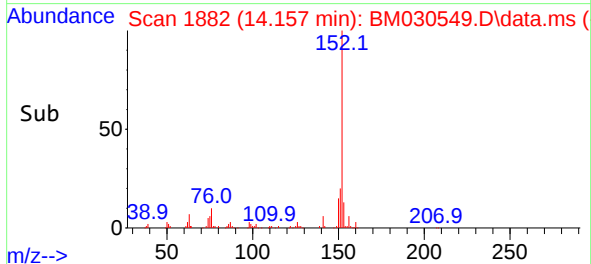
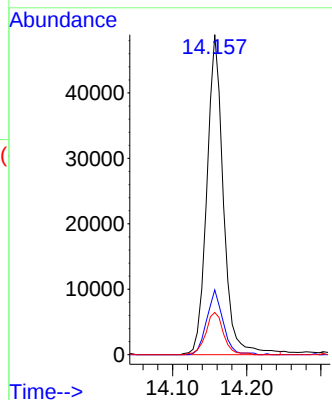
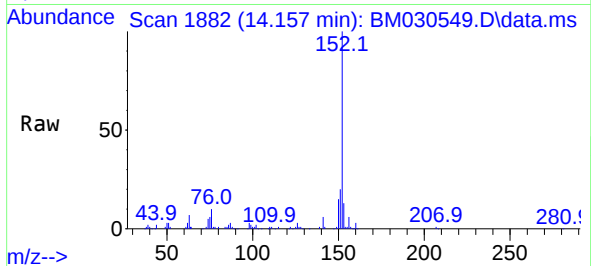
#50
Acenaphthylene
Concen: 1.460 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Tgt Ion:	152	Resp:	76078
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	13.2	10.2	15.4

Instrument :
BNA_M
ClientSampled :
BGDF4DL2

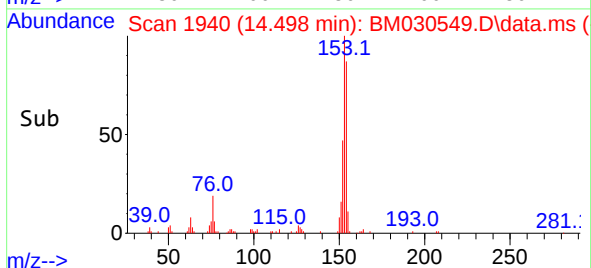
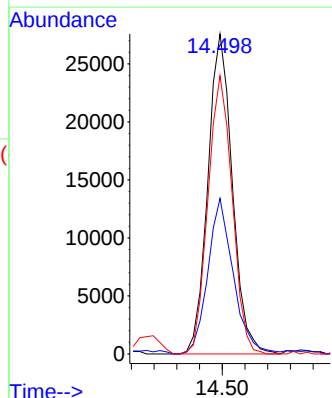
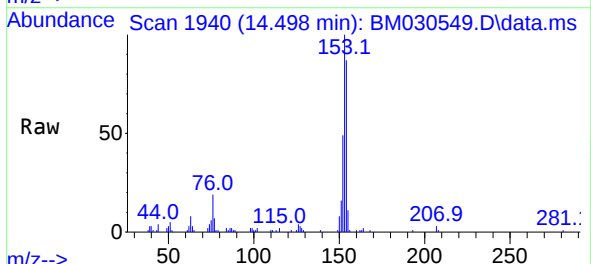
Manual Integrations
APPROVED

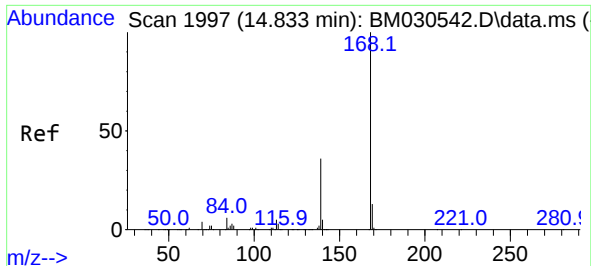
mohammad
6/23/2021 4:49:20 PM



#52
Acenaphthene
Concen: 1.093 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Tgt Ion:	153	Resp:	41343
Ion Ratio	Lower	Upper	
153	100		
152	48.6	37.4	56.2
154	86.9	69.4	104.0





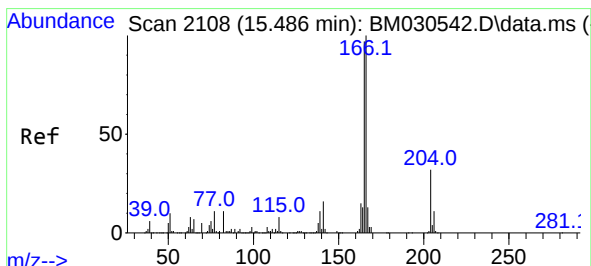
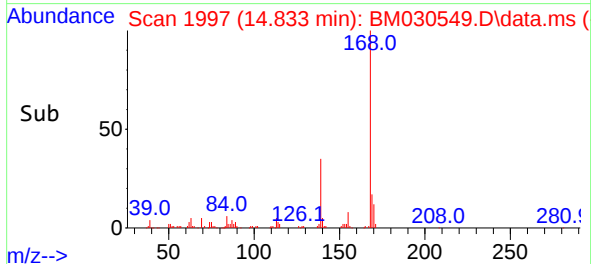
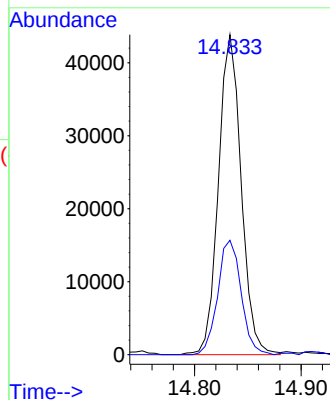
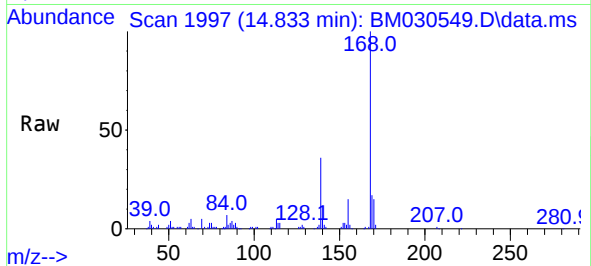
#56
Dibenzenofuran
Concen: 1.233 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Tgt Ion:168 Resp: 65006
Ion Ratio Lower Upper
168 100
139 35.8 29.5 44.3

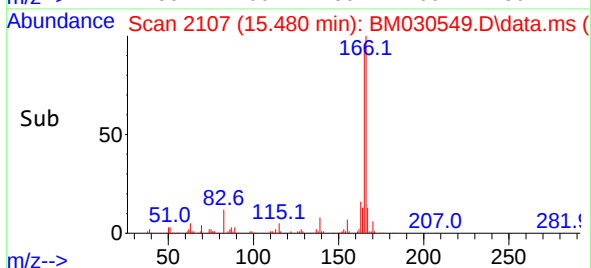
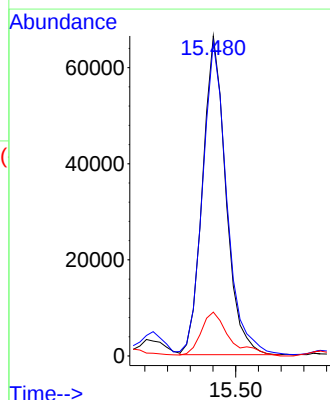
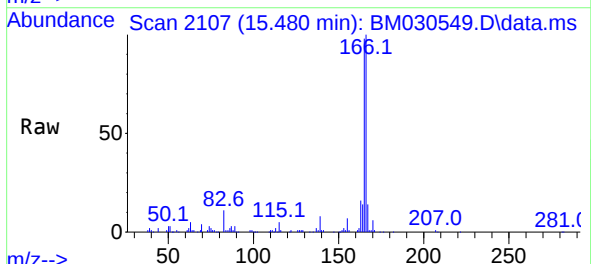
Manual Integrations
APPROVED

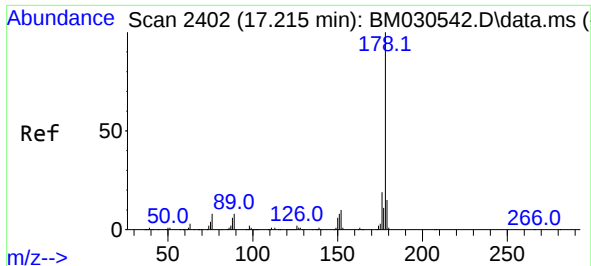
mohammad
6/23/2021 4:49:20 PM



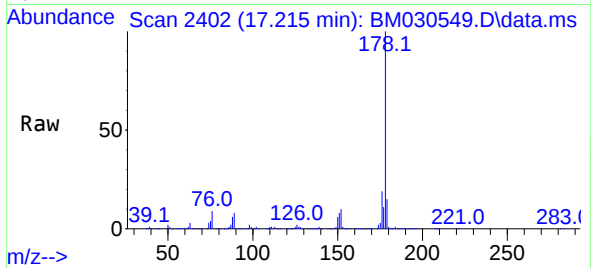
#61
Fluorene
Concen: 2.163 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Tgt Ion:166 Resp: 93974
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.7 10.6 15.8

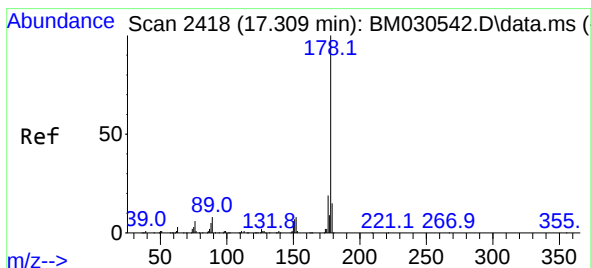
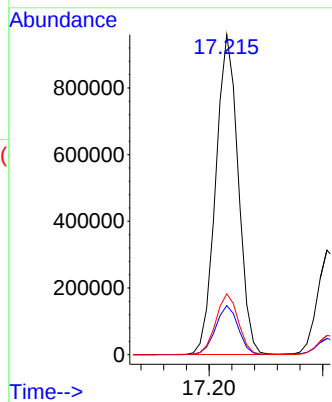
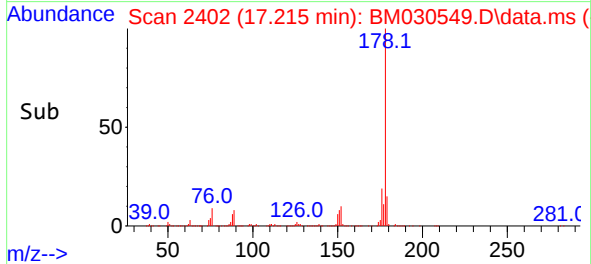




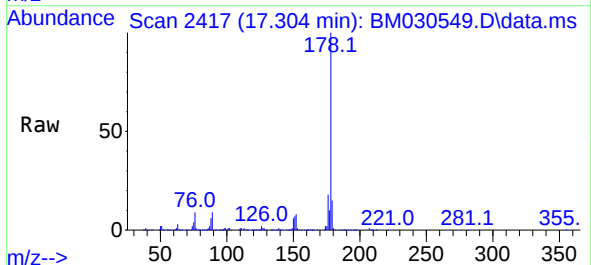
#72
Phenanthrene
Concen: 21.480 ng/u1
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36



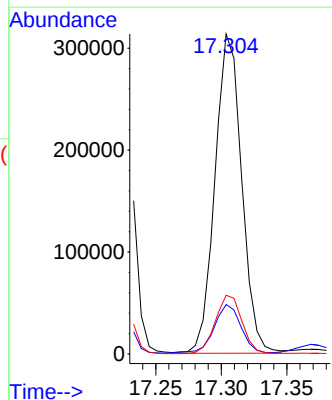
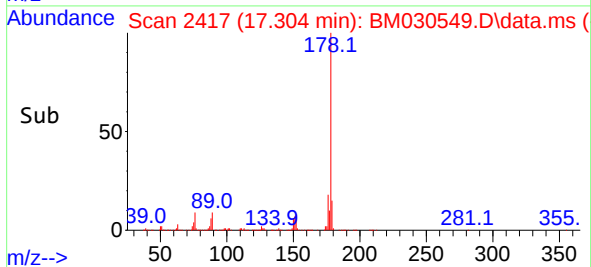
Tgt Ion:178 Resp: 1318564
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.0 15.2 22.8



#74
Anthracene
Concen: 7.058 ng/u1
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36



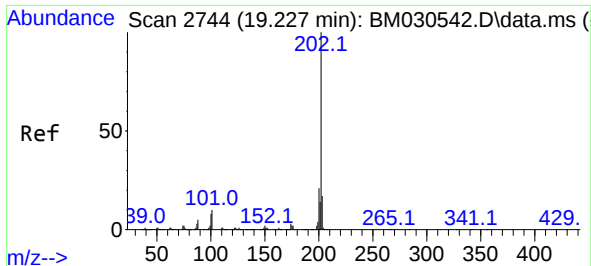
Tgt Ion:178 Resp: 443010
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.4 15.2 22.8



Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Manual Integrations
APPROVED

mohammad
6/23/2021 4:49:20 PM



#80
Fluoranthene
Concen: 28.238 ng/u1
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

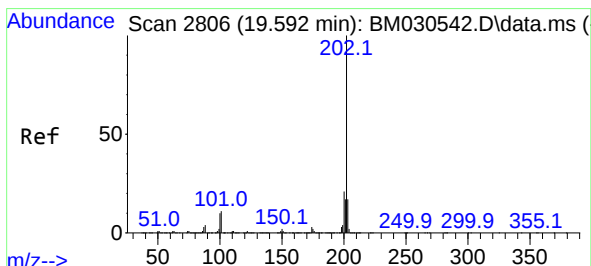
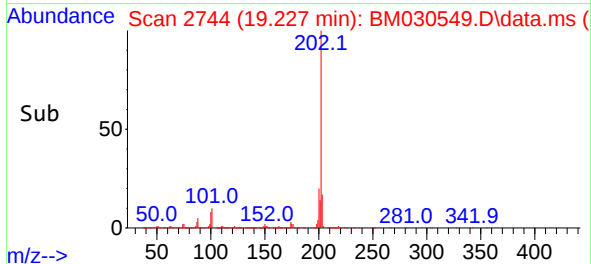
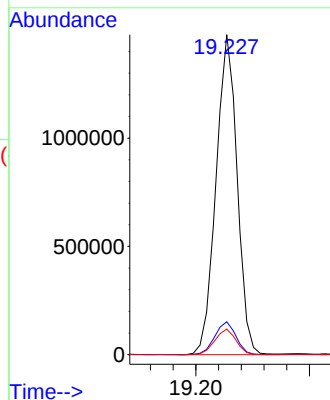
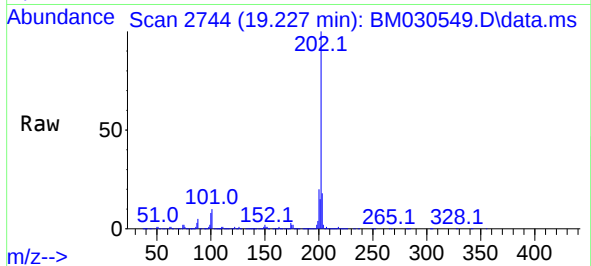
Tgt Ion:202 Resp: 1906732

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.8	13.2
100	8.0	6.8	10.2

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

Manual Integrations
APPROVED

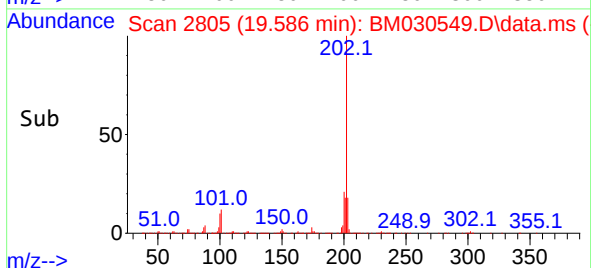
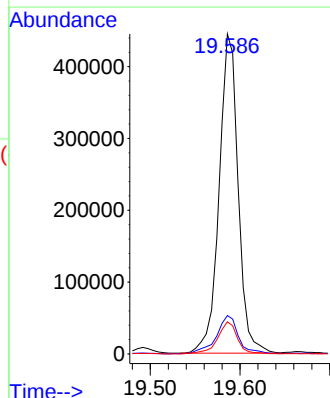
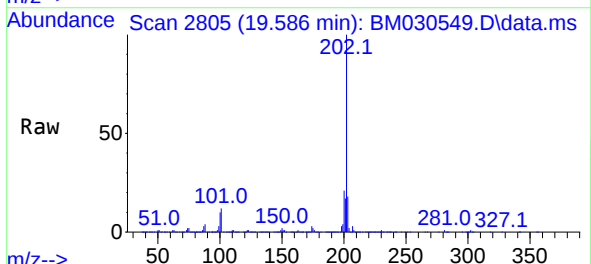
mohammad
6/23/2021 4:49:20 PM

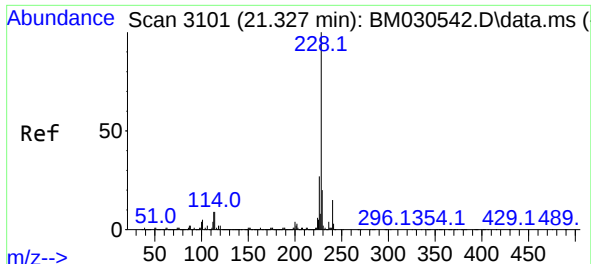


#82
Pyrene
Concen: 9.221 ng/u1
RT: 19.586 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Tgt Ion:202 Resp: 654253

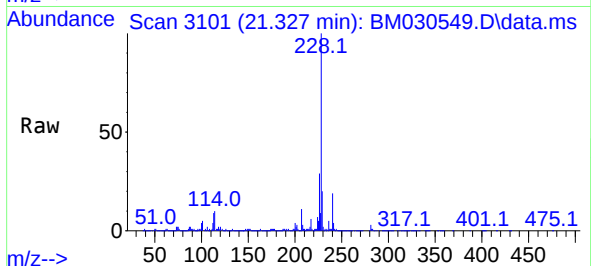
Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.0	15.0
100	10.0	8.5	12.7





#85
Benzo(a)anthracene
Concen: 12.067 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

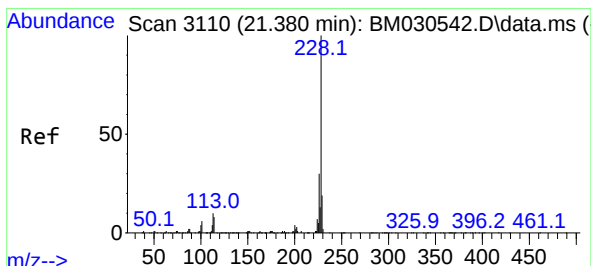
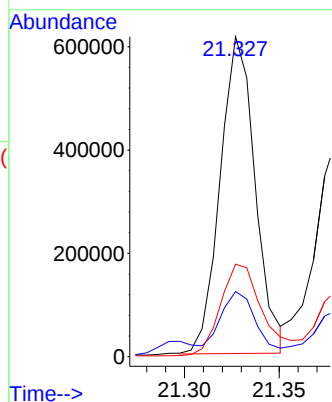
Instrument :
BNA_M
ClientSampled :
BGDF4DL2



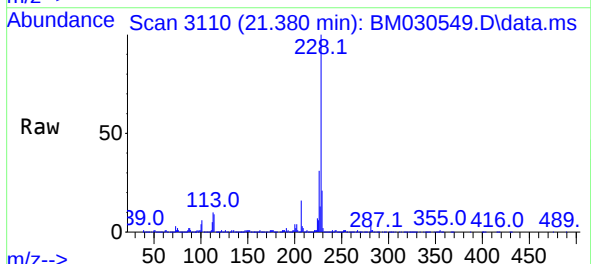
Tgt Ion:228 Resp: 790167
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.9 22.2 33.2

Manual Integrations
APPROVED

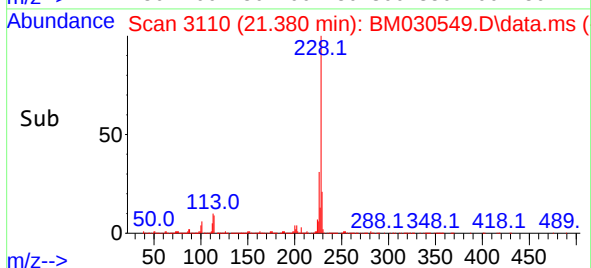
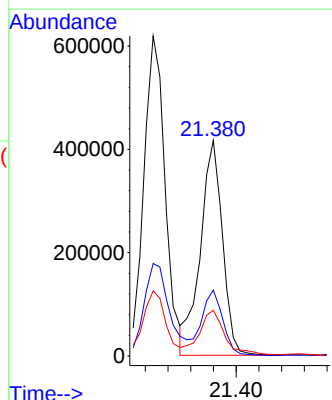
mohammad
6/23/2021 4:49:20 PM

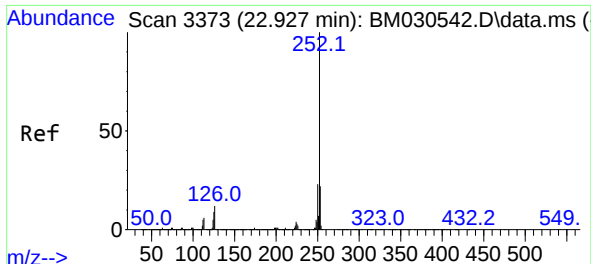


#87
Chrysene
Concen: 8.799 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36



Tgt Ion:228 Resp: 561661
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.2 15.9 23.9





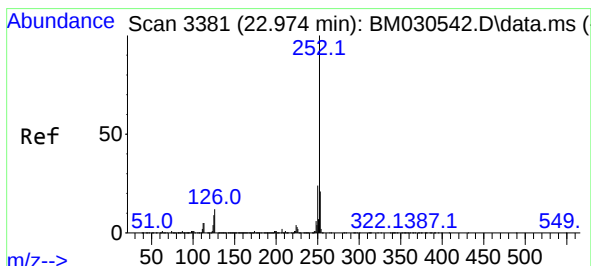
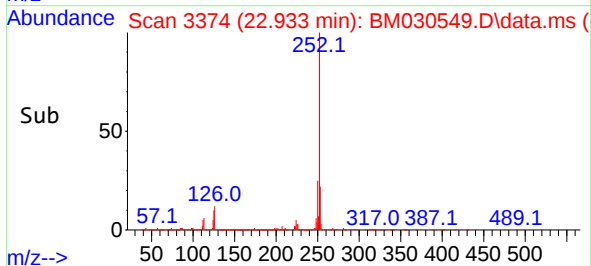
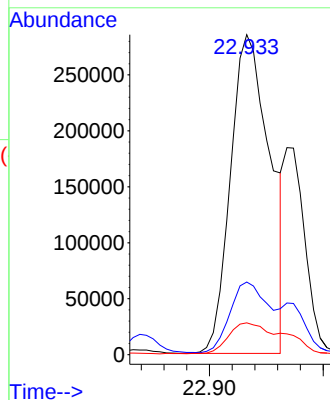
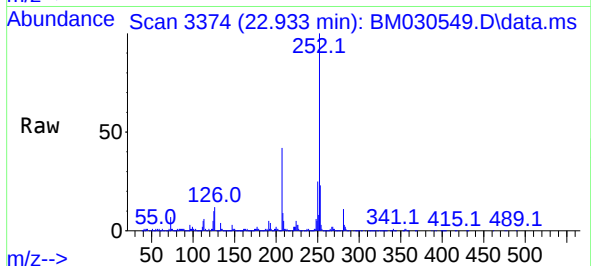
#90
Benzo(b)fluoranthene
Concen: 9.391 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Tgt Ion:252 Resp: 687819
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.0 7.7 11.5

Instrument :
BNA_M
ClientSampled :
BGDF4DL2

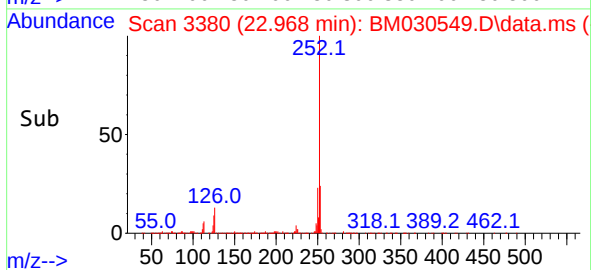
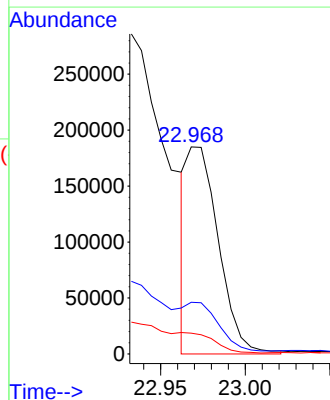
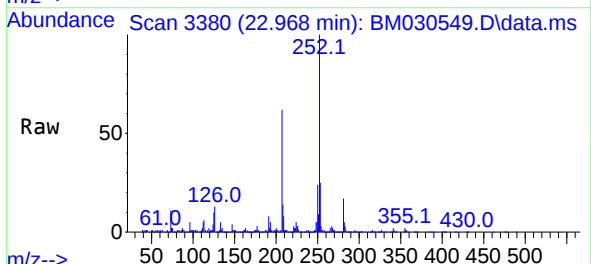
Manual Integrations
APPROVED

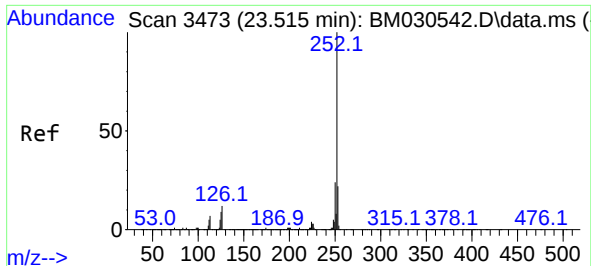
mohammad
6/23/2021 4:49:20 PM



#91
Benzo(k)fluoranthene
Concen: 3.364 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Tgt Ion:252 Resp: 236783
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 10.1 7.9 11.9





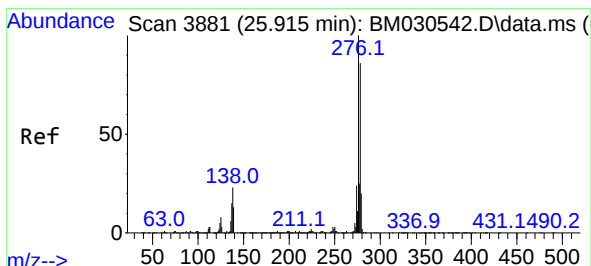
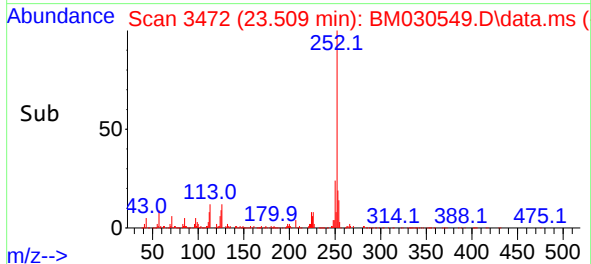
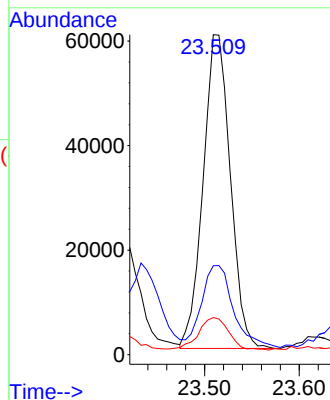
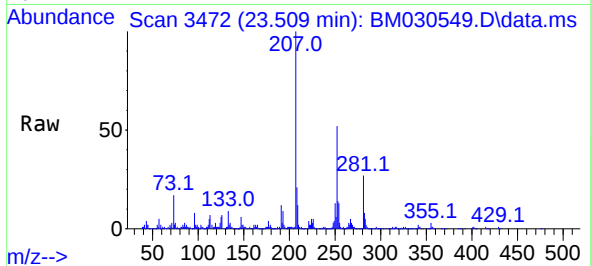
#93
Benzo(a)pyrene
Concen: 1.820 ng/ul
RT: 23.509 min Scan# 3472
Delta R.T. -0.018 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

Tgt Ion:252 Resp: 119851
Ion Ratio Lower Upper
252 100
253 27.8 17.5 26.3#
125 11.6 8.6 13.0

Instrument :
BNA_M
ClientSampled :
BGDF4DL2

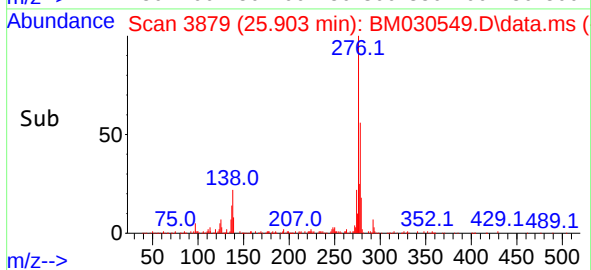
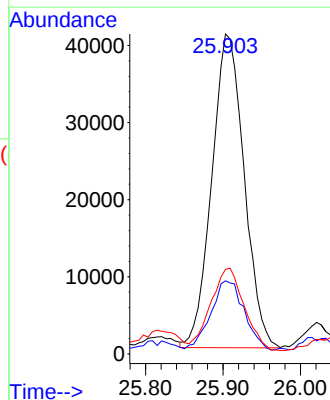
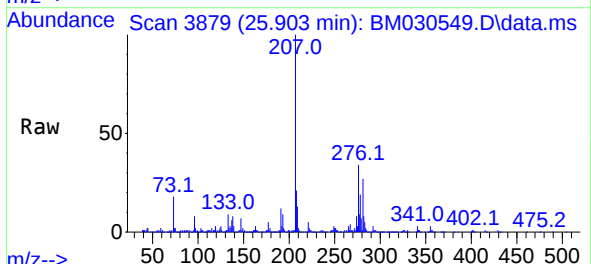
Manual Integrations
APPROVED

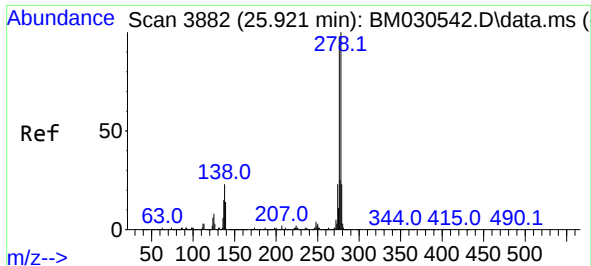
mohammad
6/23/2021 4:49:20 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.425 ng/ul
RT: 25.903 min Scan# 3879
Delta R.T. -0.029 min
Lab File: BM030549.D
Acq: 23 Jun 2021 12:36

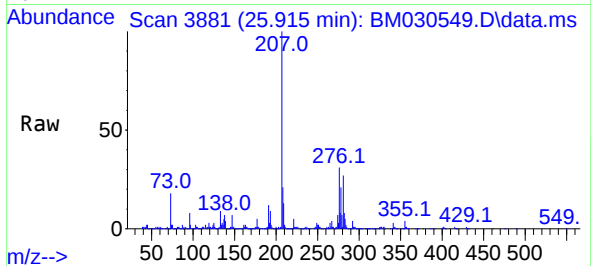
Tgt Ion:276 Resp: 118125
Ion Ratio Lower Upper
276 100
138 22.8 19.5 29.3
277 26.5 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.177 ng/ul
 RT: 25.915 min Scan# 3881
 Delta R.T. -0.024 min
 Lab File: BM030549.D
 Acq: 23 Jun 2021 12:36

Instrument :
 BNA_M
 ClientSampleId :
 BGDF4DL2



Tgt Ion: 278 Resp: 80881

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	32.3	19.1	28.7#

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:49:20 PM

