

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030550.D
 Acq On : 23 Jun 2021 13:12
 Operator : CG/JU
 Sample : M2662-06DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3DL

Manual Integrations
 APPROVED

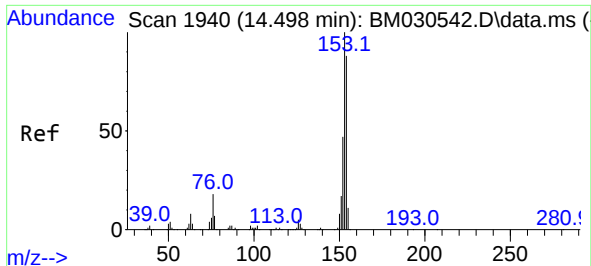
mohammad
 6/23/2021 4:49:23 PM

Quant Time: Jun 23 14:02:42 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)

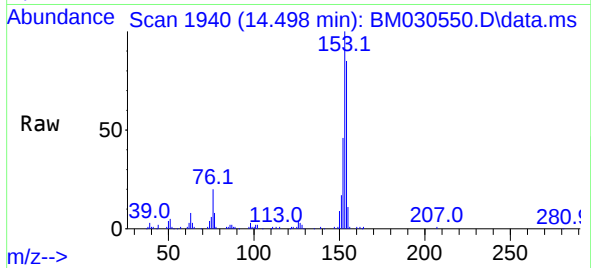
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	177562	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	746524	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	489222	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.174	188	1004113	20.000	ng/u1	0.00
79) Chrysene-d12	21.344	240	783223	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	755513	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	4240	0.968	ng/uL	0.00
4) Pyridine-d5	3.740	84	27464m	2.334	ng/u1	0.04
7) Phenol-d5	6.975	99	77760	5.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	51496	5.350	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	63679	5.387	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	66710	5.598	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	28491	5.114	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	29150	4.709	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	62582	5.277	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	44102	2.667	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	215818	6.389	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	257009	5.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	10129	1.583	ng/u1	0.01
60) Fluorene-d10	15.427	176	195730	6.533	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	11393	1.734	ng/u1	0.00
73) Anthracene-d10	17.268	188	308073	6.574	ng/u1	-0.01
81) Pyrene-d10	19.562	212	333407	8.124	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	254318	6.475	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.498	153	77597	2.629	ng/u1	98
61) Fluorene	15.480	166	69277	2.043	ng/u1	98
72) Phenanthrene	17.215	178	1218400	22.595	ng/u1	100
74) Anthracene	17.303	178	632839	11.478	ng/u1	99
80) Fluoranthene	19.227	202	2423774	48.358	ng/u1	99
82) Pyrene	19.592	202	1877620	35.652	ng/u1	97
85) Benzo(a)anthracene	21.327	228	1102559	22.684	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.256	149	46035	1.846	ng/u1#	95
87) Chrysene	21.380	228	869171	18.343	ng/u1	98
90) Benzo(b)fluoranthene	22.933	252	891299	18.582	ng/u1	99
91) Benzo(k)fluoranthene	22.968	252	369661m	8.019	ng/u1	
93) Benzo(a)pyrene	23.515	252	744534	17.263	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.903	276	412428	7.596	ng/u1	95
95) Dibenzo(a,h)anthracene	25.915	278	115314	2.562	ng/u1#	92
96) Benzo(g,h,i)perylene	26.615	276	320277	7.070	ng/u1	96

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



#52
Acenaphthene
Concen: 2.629 ng/u1
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

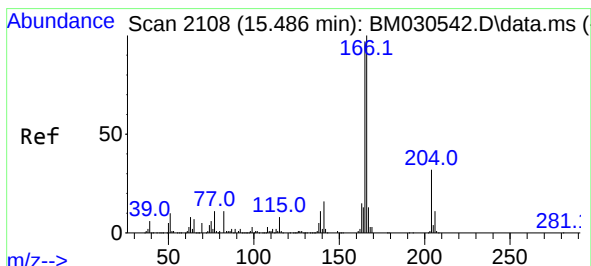
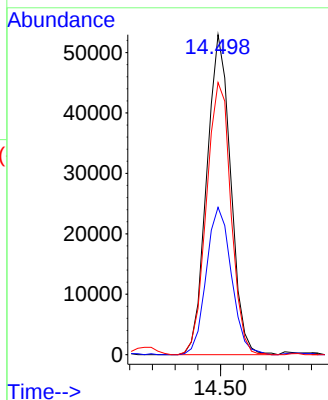
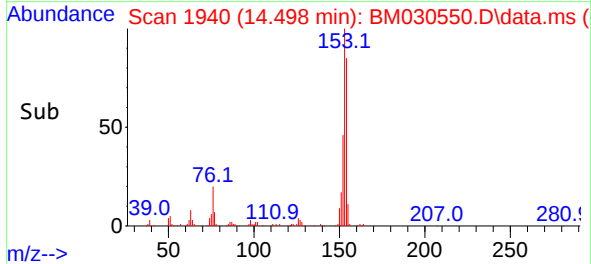
Instrument :
BNA_M
ClientSampleId :
BGDH3DL



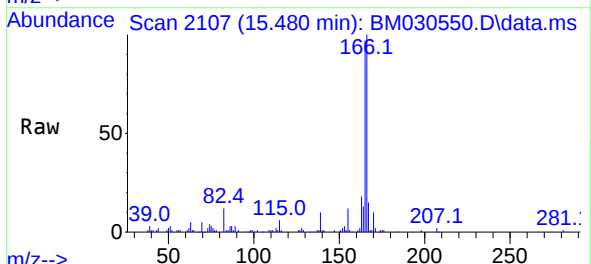
Tgt Ion:153 Resp: 77597
Ion Ratio Lower Upper
153 100
152 46.0 37.4 56.2
154 85.0 69.4 104.0

Manual Integrations
APPROVED

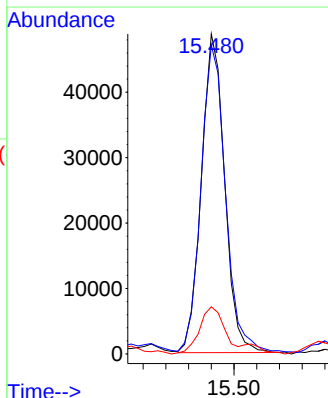
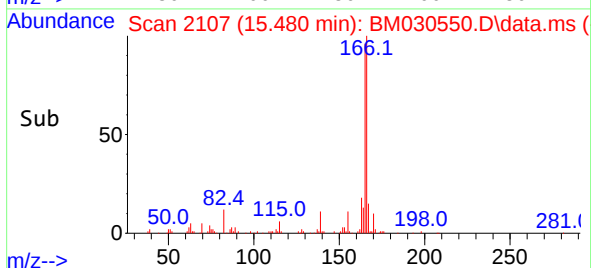
mohammad
6/23/2021 4:49:23 PM

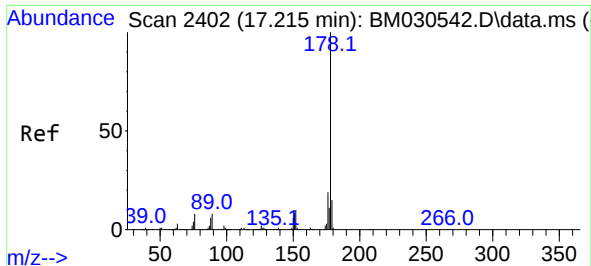


#61
Fluorene
Concen: 2.043 ng/u1
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12



Tgt Ion:166 Resp: 69277
Ion Ratio Lower Upper
166 100
165 96.5 78.4 117.6
167 14.8 10.6 15.8





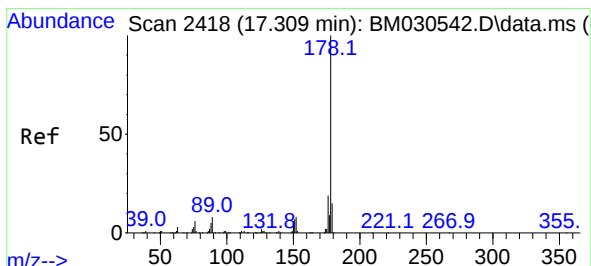
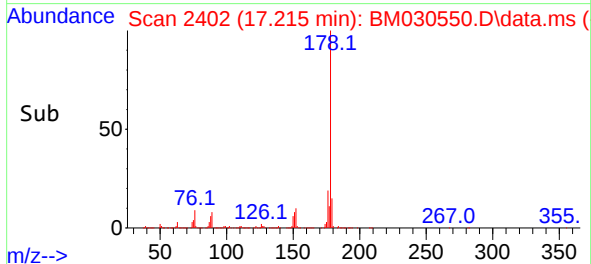
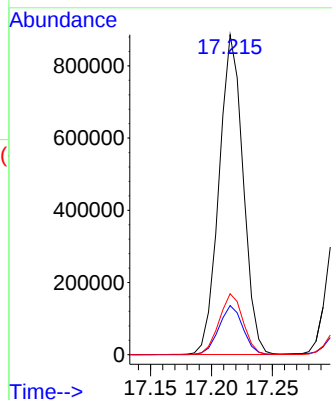
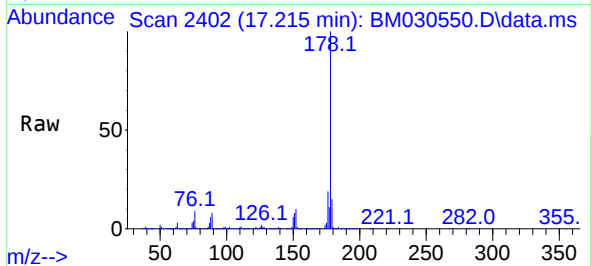
#72
Phenanthrene
Concen: 22.595 ng/ul
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

Tgt Ion:178 Resp: 1218400
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.0 15.2 22.8

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

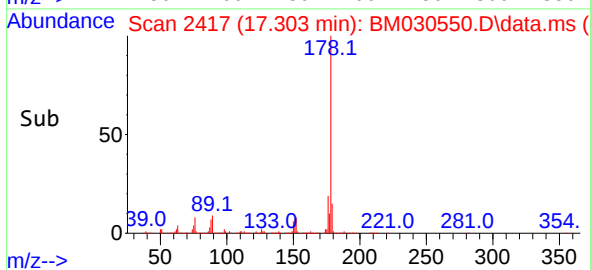
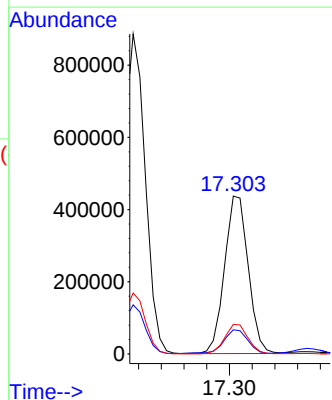
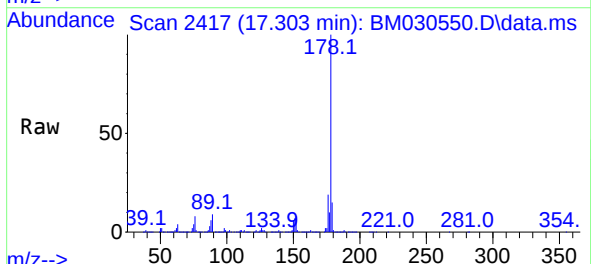
Manual Integrations
APPROVED

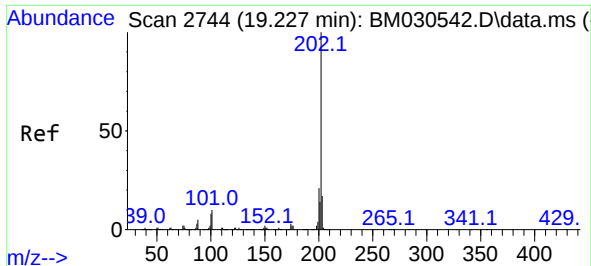
mohammad
6/23/2021 4:49:23 PM



#74
Anthracene
Concen: 11.478 ng/ul
RT: 17.303 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

Tgt Ion:178 Resp: 632839
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.8 15.2 22.8





#80
Fluoranthene
Concen: 48.358 ng/ul
RT: 19.227 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

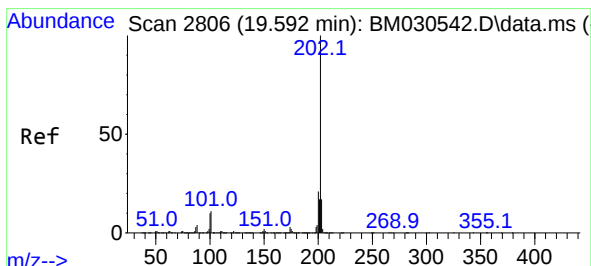
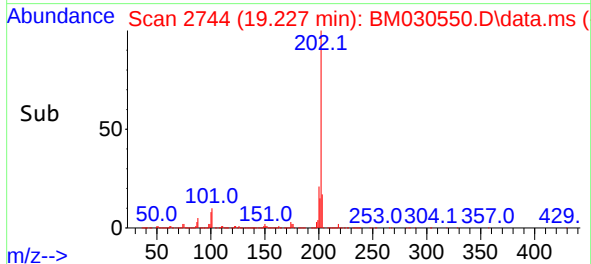
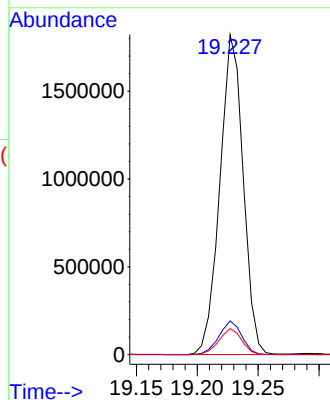
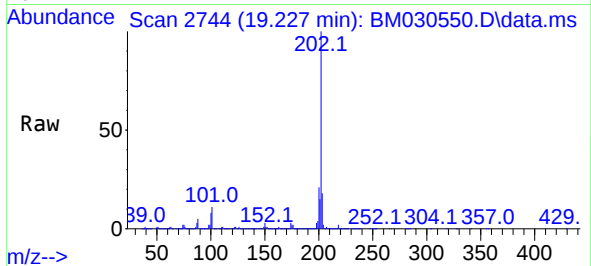
Tgt Ion:202 Resp: 2423774

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.8	13.2
100	8.2	6.8	10.2

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations
APPROVED

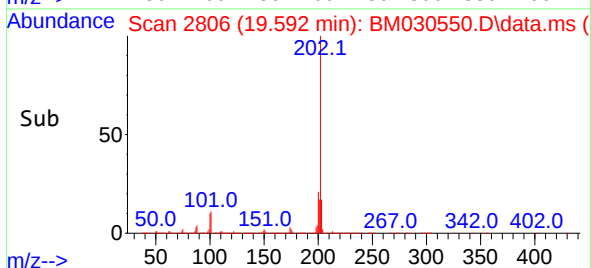
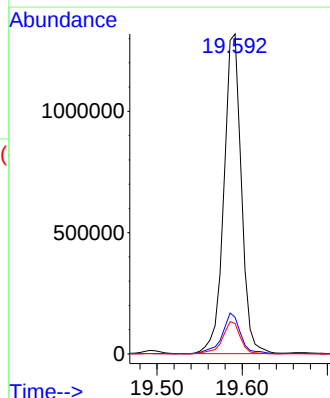
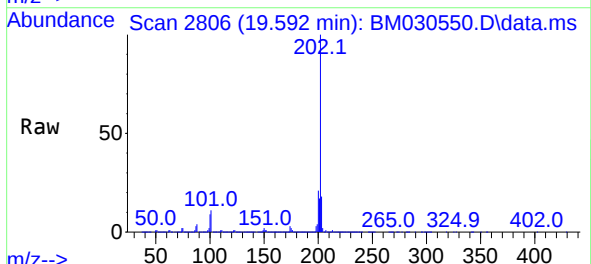
mohammad
6/23/2021 4:49:23 PM

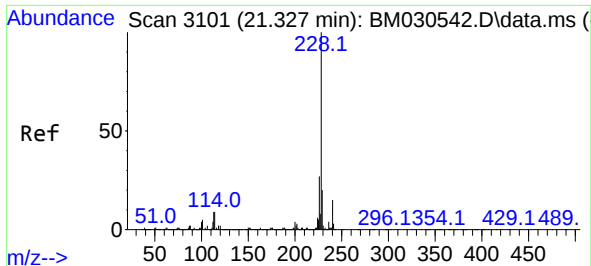


#82
Pyrene
Concen: 35.652 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

Tgt Ion:202 Resp: 1877620

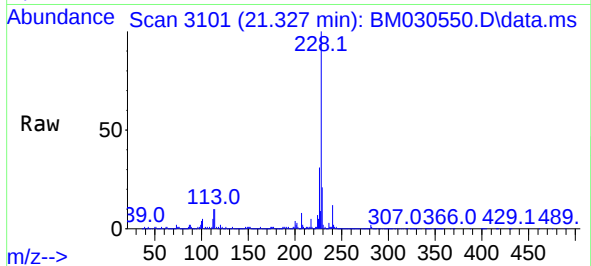
Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.0	15.0
100	9.5	8.5	12.7





#85
Benzo(a)anthracene
Concen: 22.684 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

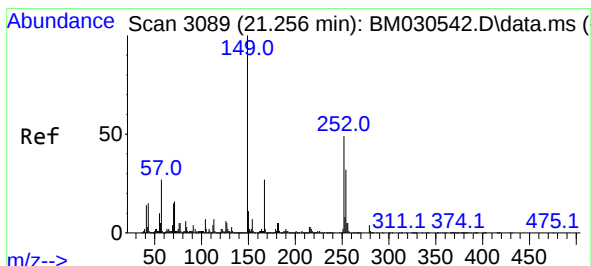
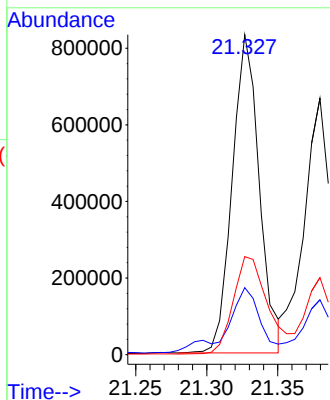
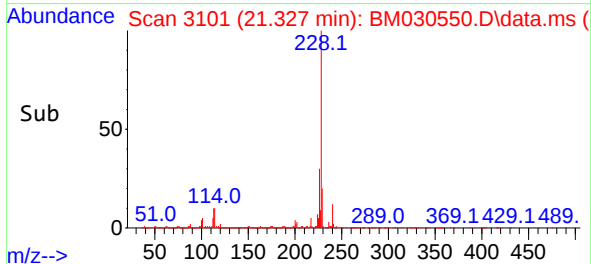
Instrument :
BNA_M
ClientSampled :
BGDH3DL



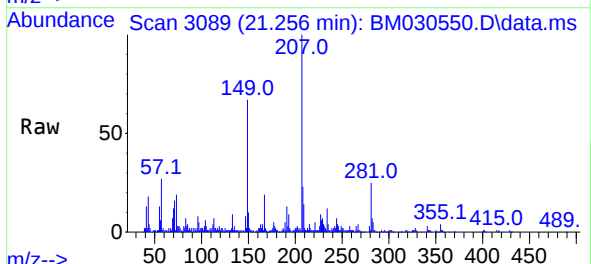
Tgt Ion:228 Resp: 1102559
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 30.7 22.2 33.2

Manual Integrations
APPROVED

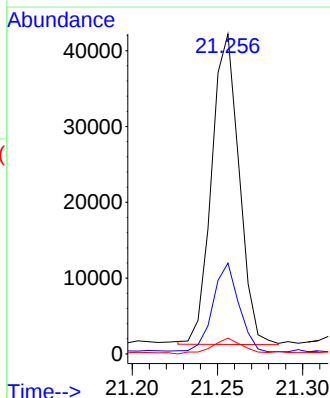
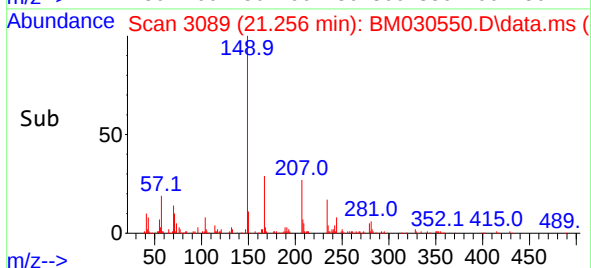
mohammad
6/23/2021 4:49:23 PM

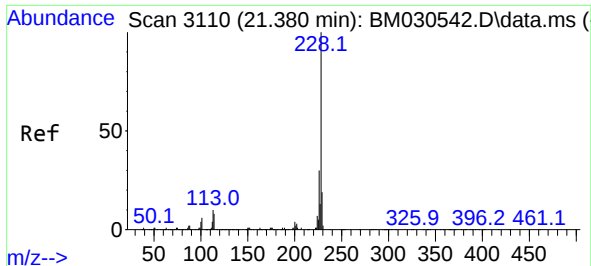


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.846 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

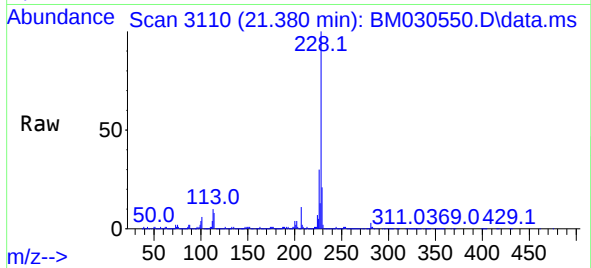


Tgt Ion:149 Resp: 46035
Ion Ratio Lower Upper
149 100
167 28.4 20.7 31.1
279 4.9 3.0 4.4#

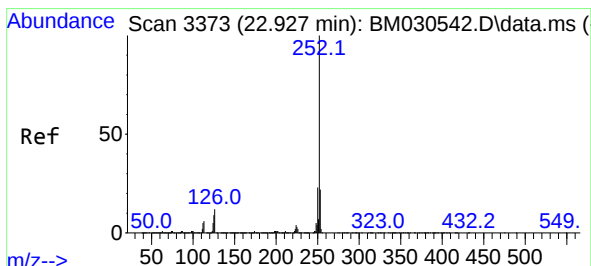
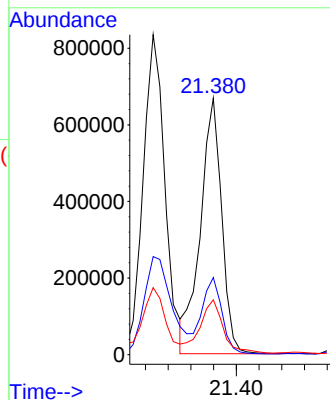
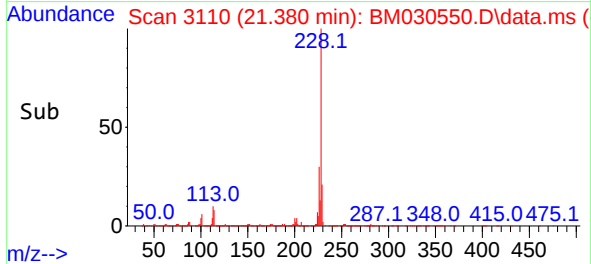




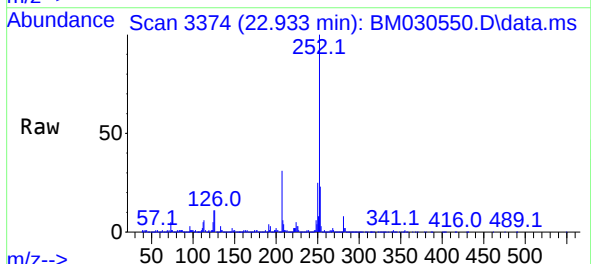
#87
Chrysene
Concen: 18.343 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12



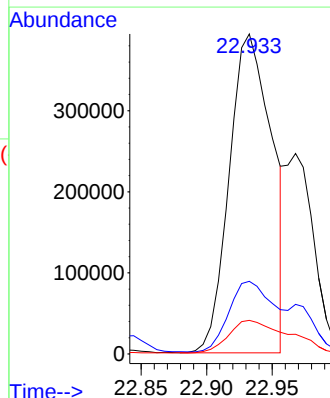
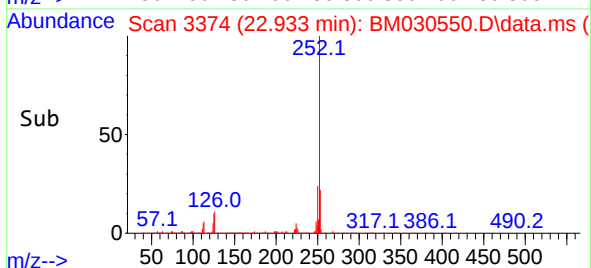
Tgt Ion:228 Resp: 869171
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.4 15.9 23.9



#90
Benzo(b)fluoranthene
Concen: 18.582 ng/u1
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12



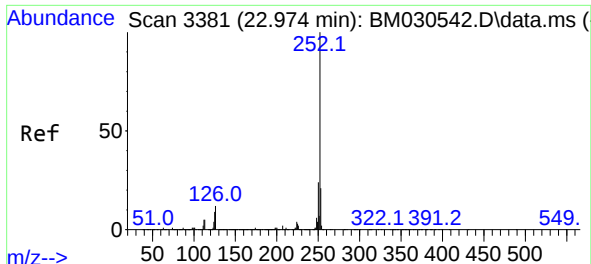
Tgt Ion:252 Resp: 891299
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.5 7.7 11.5



Instrument :
BNA_M
ClientSampleID :
BGDH3DL

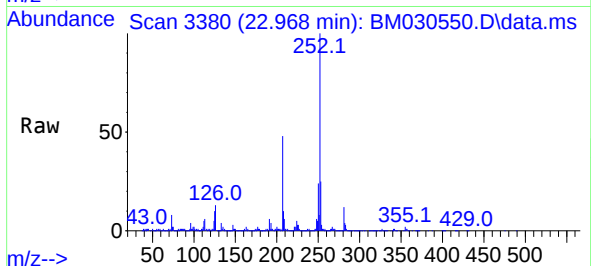
Manual Integrations
APPROVED

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



#91
Benzo(k)fluoranthene
Concen: 8.019 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

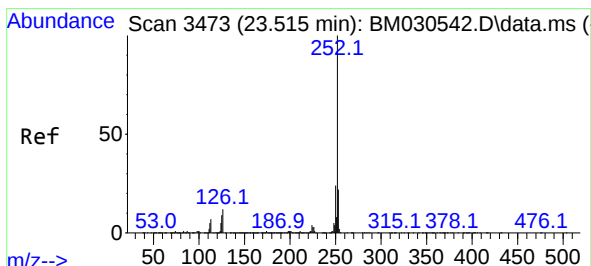
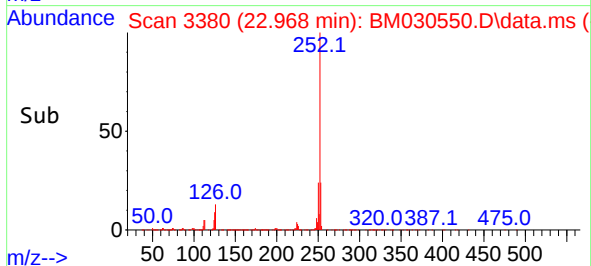
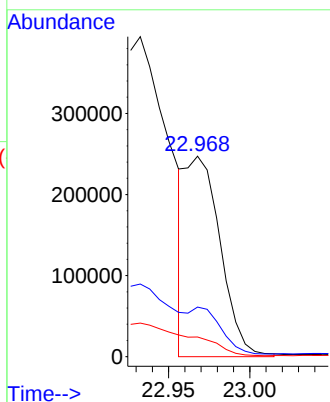
Instrument :
BNA_M
ClientSampleID :
BGDH3DL



Tgt Ion:252 Resp: 369661
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.2
125 9.8 7.9 11.9

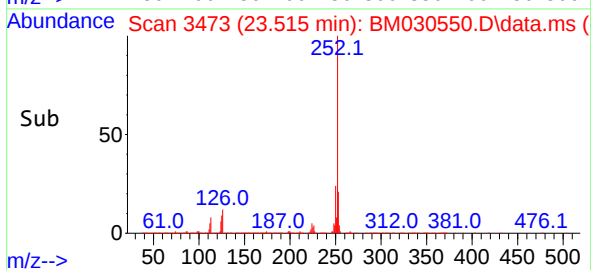
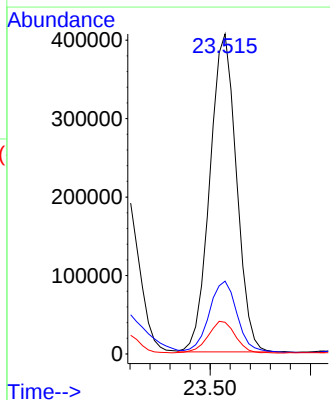
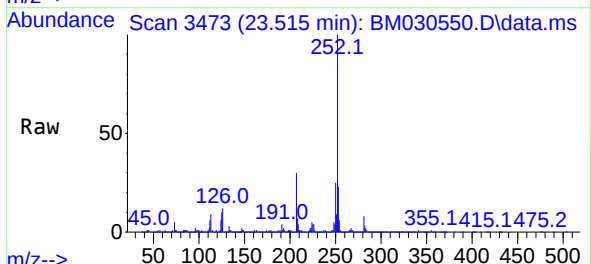
Manual Integrations
APPROVED

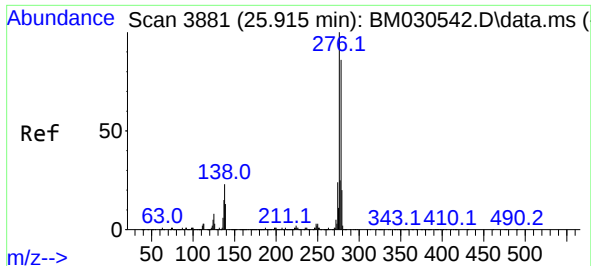
mohammad
6/23/2021 4:49:23 PM



#93
Benzo(a)pyrene
Concen: 17.263 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

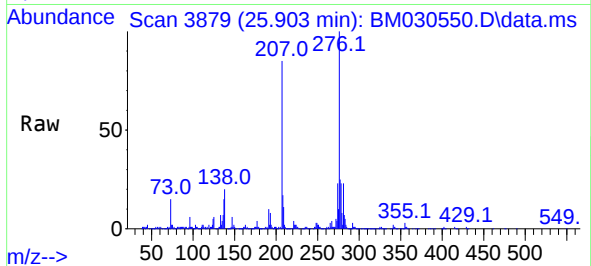
Tgt Ion:252 Resp: 744534
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 9.9 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 7.596 ng/ul
RT: 25.903 min Scan# 3879
Delta R.T. -0.030 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12

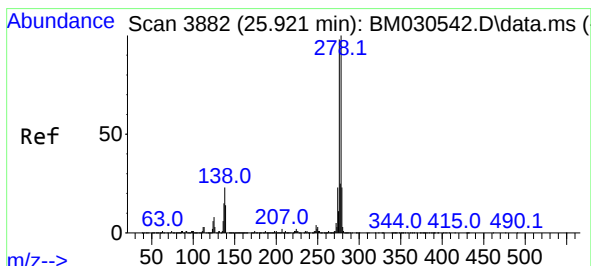
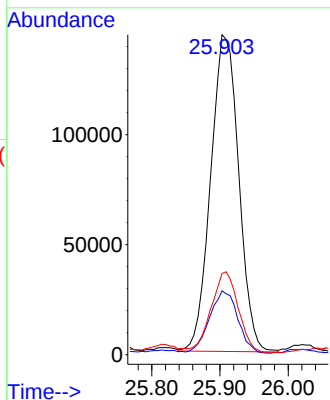
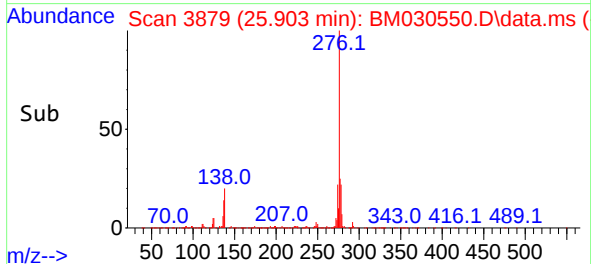
Instrument :
BNA_M
ClientSampleID :
BGDH3DL



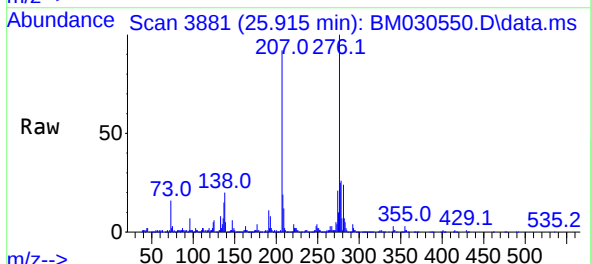
Tgt Ion:276 Resp: 412428
Ion Ratio Lower Upper
276 100
138 19.9 19.5 29.3
277 25.4 19.6 29.4

Manual Integrations
APPROVED

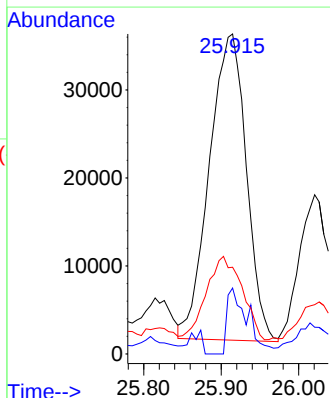
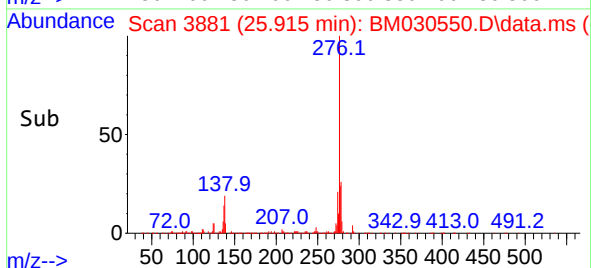
mohammad
6/23/2021 4:49:23 PM

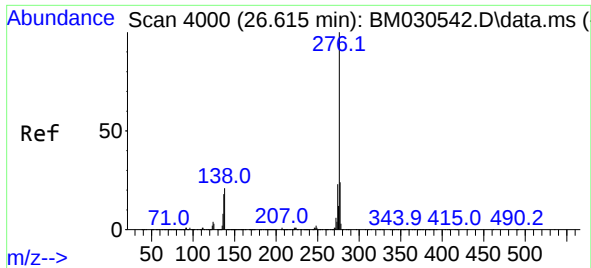


#95
Dibenzo(a,h)anthracene
Concen: 2.562 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. -0.024 min
Lab File: BM030550.D
Acq: 23 Jun 2021 13:12



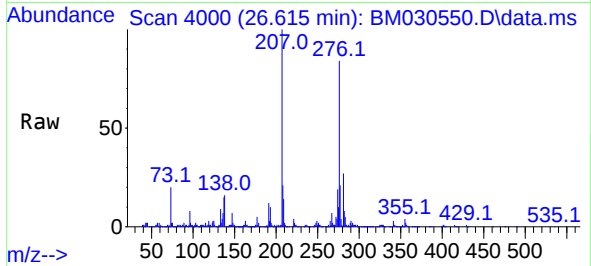
Tgt Ion:278 Resp: 115314
Ion Ratio Lower Upper
278 100
139 20.6 12.8 19.2#
279 27.1 19.1 28.7





#96
 Benzo(g,h,i)perylene
 Concen: 7.070 ng/ul
 RT: 26.615 min Scan# 4000
 Delta R.T. -0.024 min
 Lab File: BM030550.D
 Acq: 23 Jun 2021 13:12

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3DL



Tgt Ion:	276	Resp:	320277
Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.5	24.7
277	24.9	18.5	27.7

Manual Integrations
 APPROVED

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

