

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043377.D
 Acq On : 16 Dec 2023 02:51
 Operator : MA/JU
 Sample : 05626-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLG6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 16 03:24:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	423392	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1765261	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	954169	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1826300	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1475103	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1742506	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	49330	3.787	ng/uL	0.00
4) Pyridine-d5	3.810	84	309267	8.249	ng/u1	0.00
7) Phenol-d5	7.151	99	975068	20.245	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	619043	20.294	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	765041	20.804	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	700659	18.747	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	367170	21.498	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	384220	21.773	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	654079	20.996	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	785474	17.139	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1847242	21.506	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	2256392	22.144	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	306069	18.827	ng/u1	0.00
60) Fluorene-d10	15.615	176	1605309	22.601	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	176212	14.589	ng/u1	0.00
73) Anthracene-d10	17.468	188	2282076	22.281	ng/u1	0.00
81) Pyrene-d10	19.750	212	2529742	21.722	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	2463324	22.908	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	153459	1.364	ng/u1	97
52) Acenaphthene	14.686	153	276418	3.584	ng/u1	100
61) Fluorene	15.668	166	334100	3.927	ng/u1	100
72) Phenanthrene	17.409	178	2007895	16.222	ng/u1	100
74) Anthracene	17.498	178	895347	7.167	ng/u1	99
80) Fluoranthene	19.421	202	3037564	21.062	ng/u1	97
82) Pyrene	19.780	202	2380139	16.054	ng/u1	100
85) Benzo(a)anthracene	21.521	228	645892	5.236	ng/u1	97
87) Chrysene	21.574	228	770092	6.940	ng/u1	99
90) Benzo(b)fluoranthene	23.221	252	1049238	7.858	ng/u1	98
91) Benzo(k)fluoranthene	23.268	252	295095m	2.266	ng/u1	
93) Benzo(a)pyrene	23.850	252	363592	2.984	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.479	276	278674	1.916	ng/u1	98

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

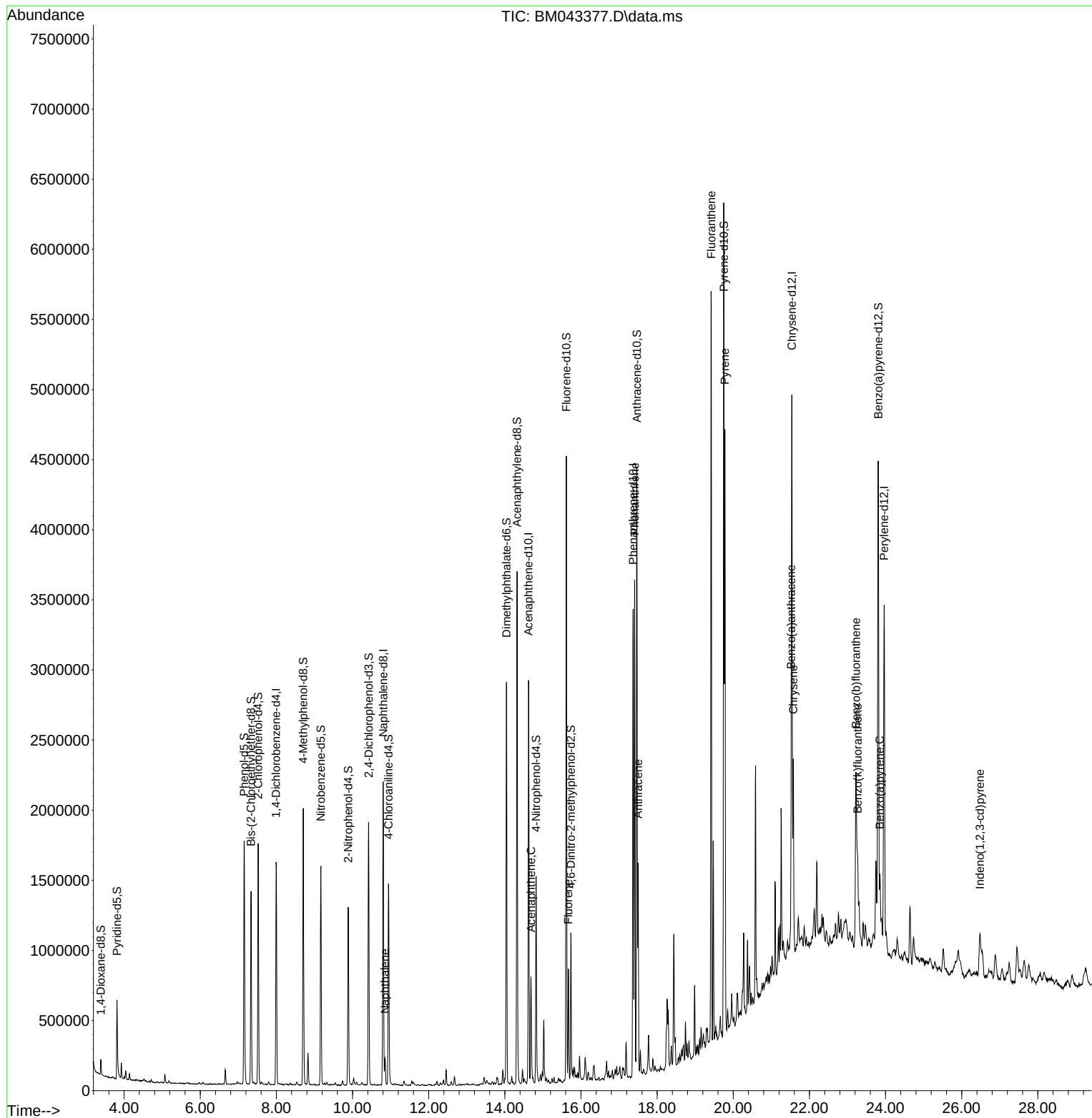
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043377.D
 Acq On : 16 Dec 2023 02:51
 Operator : MA/JU
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 ALS Vial : 26 Sample Multiplier: 1

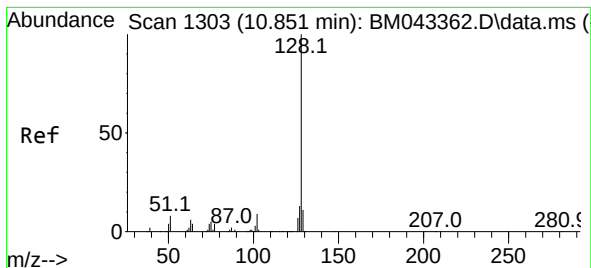
Instrument :
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Quant Time: Dec 16 03:24:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
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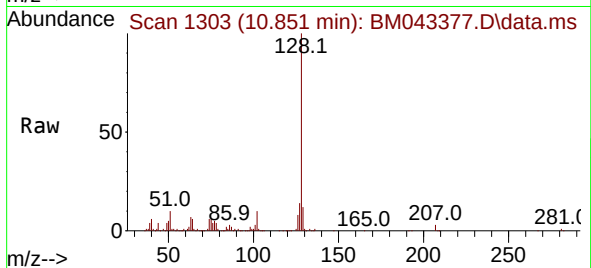
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023





#30
Naphthalene
Concen: 1.364 ng/ul
RT: 10.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043377.D
Acq: 16 Dec 2023 02:51

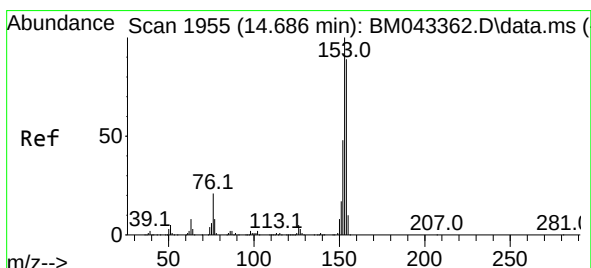
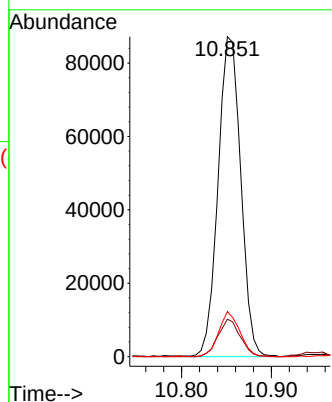
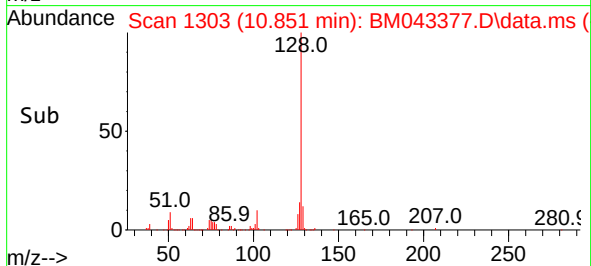
Instrument :
BNA_M
ClientSampleId :
DCLG6



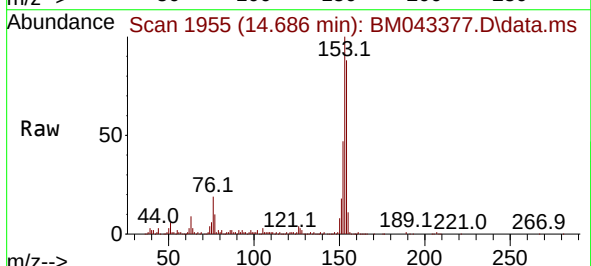
Tgt Ion:128 Resp: 153459
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.1 10.2 15.4

Manual Integrations
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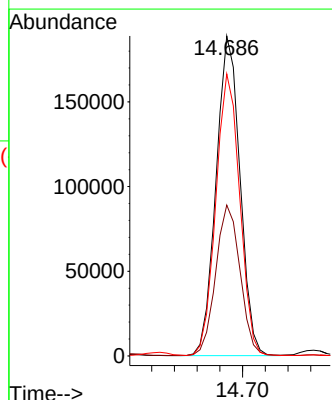
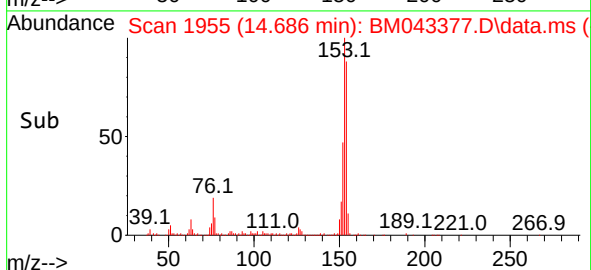
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

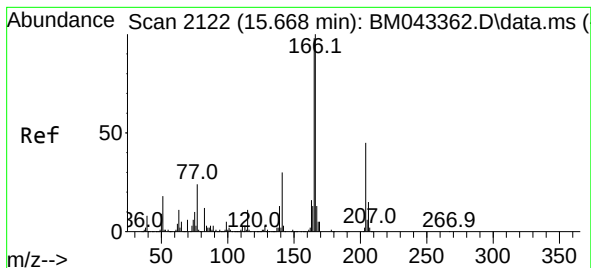


#52
Acenaphthene
Concen: 3.584 ng/ul
RT: 14.686 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM043377.D
Acq: 16 Dec 2023 02:51



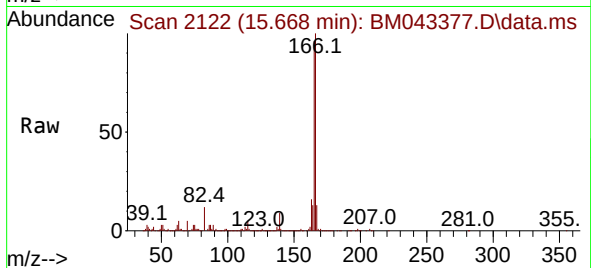
Tgt Ion:153 Resp: 276418
Ion Ratio Lower Upper
153 100
152 47.2 38.1 57.1
154 88.1 70.4 105.6





#61
Fluorene
Concen: 3.927 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043377.D
Acq: 16 Dec 2023 02:51

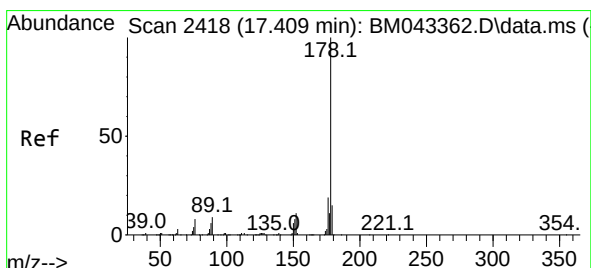
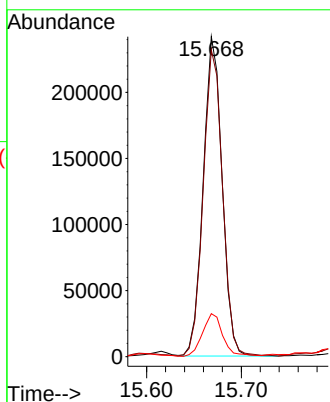
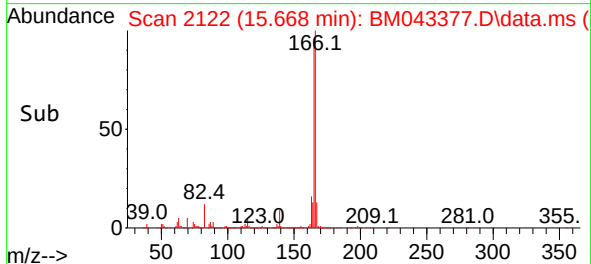
Instrument :
BNA_M
ClientSampleId :
DCLG6



Tgt Ion:166 Resp: 334100
Ion Ratio Lower Upper
166 100
165 95.9 76.9 115.3
167 13.5 10.9 16.3

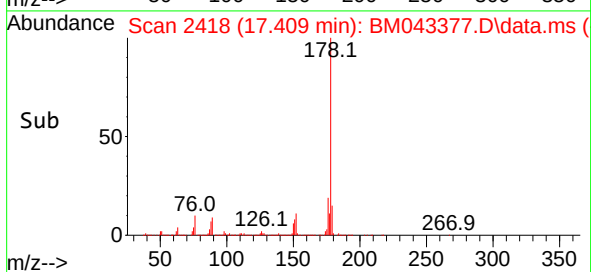
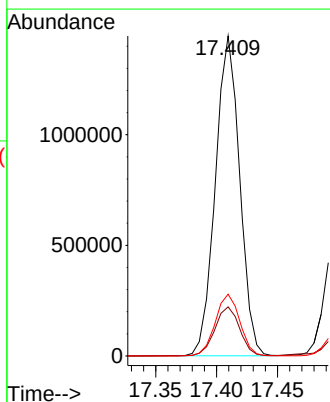
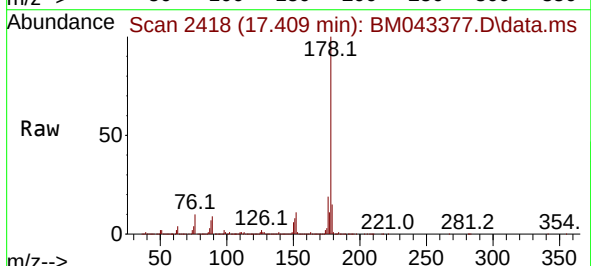
Manual Integrations
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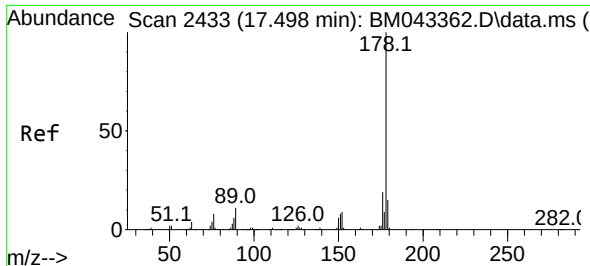
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#72
Phenanthrene
Concen: 16.222 ng/ul
RT: 17.409 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM043377.D
Acq: 16 Dec 2023 02:51

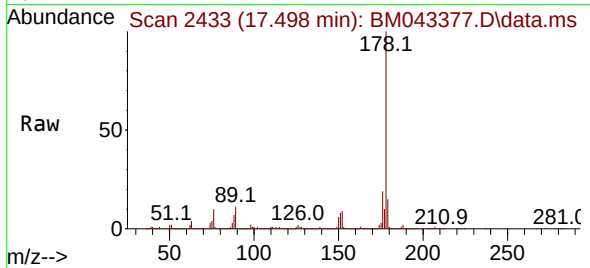
Tgt Ion:178 Resp: 2007895
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.3 15.5 23.3





#74
 Anthracene
 Concen: 7.167 ng/u1
 RT: 17.498 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BM043377.D
 Acq: 16 Dec 2023 02:51

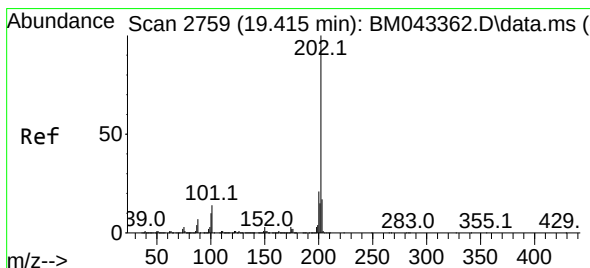
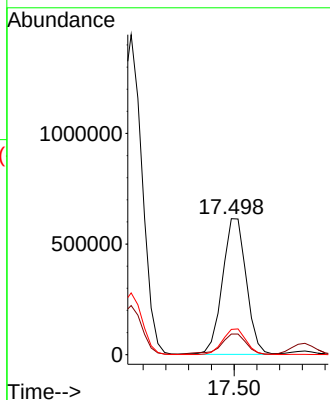
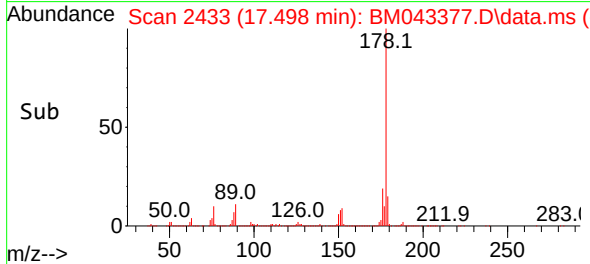
Instrument :
 BNA_M
 ClientSampleId :
 DCLG6



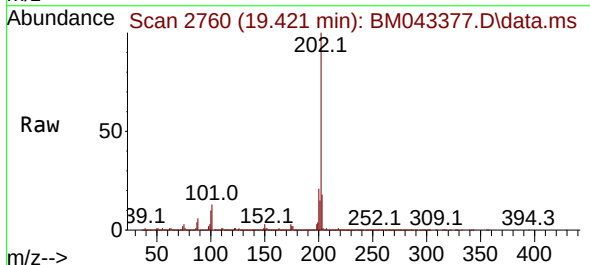
Tgt Ion:178 Resp: 89534
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.4 18.6
 176 18.6 15.2 22.8

Manual Integrations
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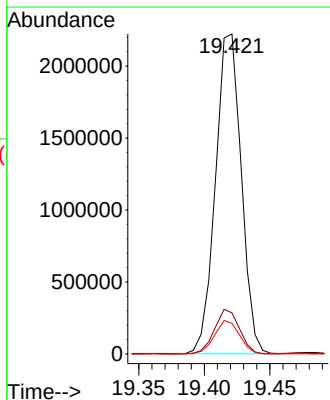
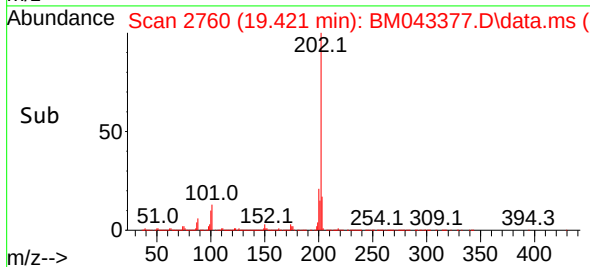
Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

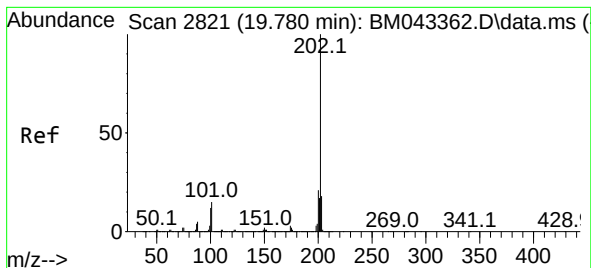


#80
 Fluoranthene
 Concen: 21.062 ng/u1
 RT: 19.421 min Scan# 2760
 Delta R.T. 0.006 min
 Lab File: BM043377.D
 Acq: 16 Dec 2023 02:51



Tgt Ion:202 Resp: 3037564
 Ion Ratio Lower Upper
 202 100
 101 12.9 11.4 17.0
 100 9.6 8.2 12.4





#82

Pyrene

Concen: 16.054 ng/u1

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043377.D

Acq: 16 Dec 2023 02:51

Instrument :

BNA_M

ClientSampleId :

DCLG6

Tgt Ion:202 Resp: 2380139

Ion Ratio Lower Upper

202 100

101 15.8 12.7 19.1

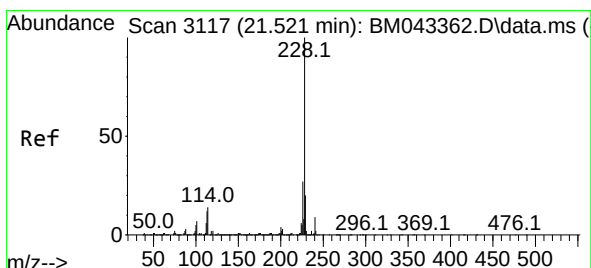
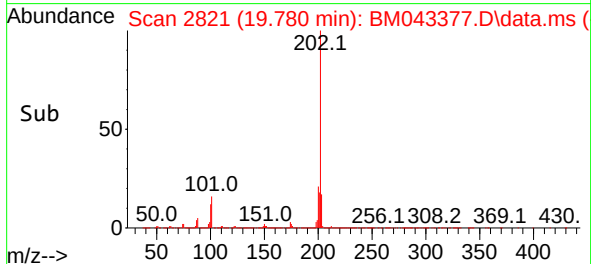
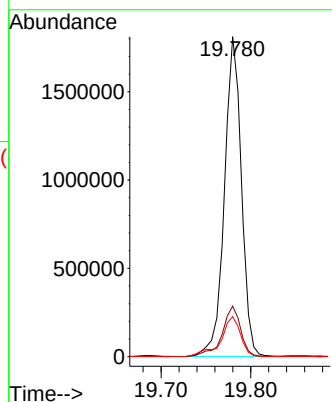
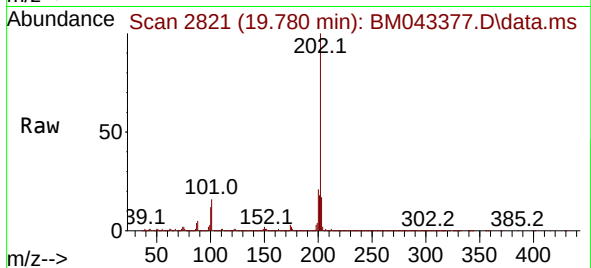
100 12.5 10.1 15.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/16/2023

Supervised By :mohammad ahmed 12/16/2023



#85

Benzo(a)anthracene

Concen: 5.236 ng/u1

RT: 21.521 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM043377.D

Acq: 16 Dec 2023 02:51

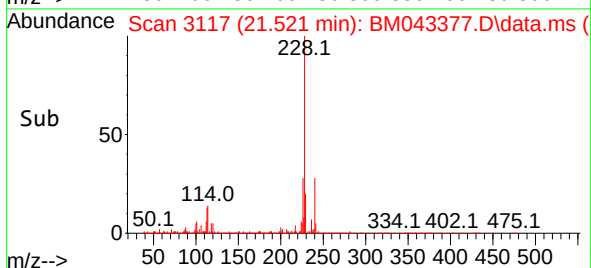
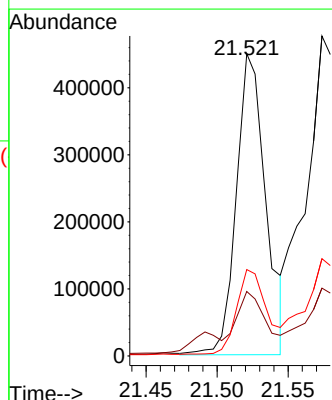
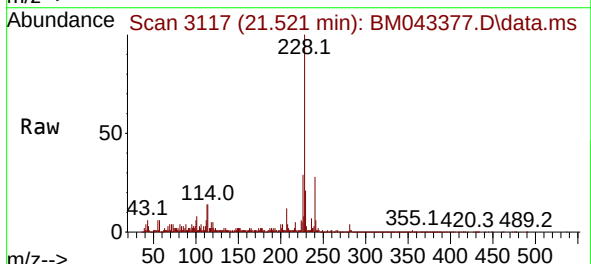
Tgt Ion:228 Resp: 645892

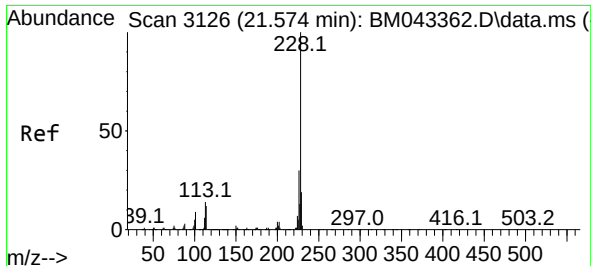
Ion Ratio Lower Upper

228 100

229 21.3 15.6 23.4

226 28.6 22.2 33.2





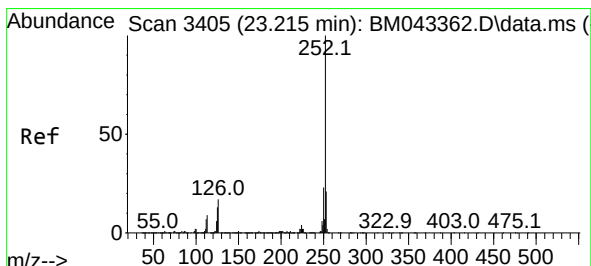
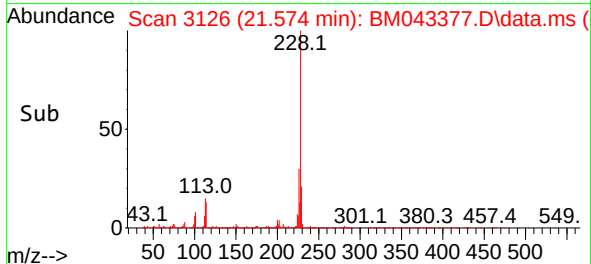
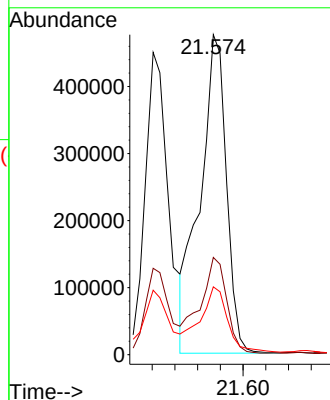
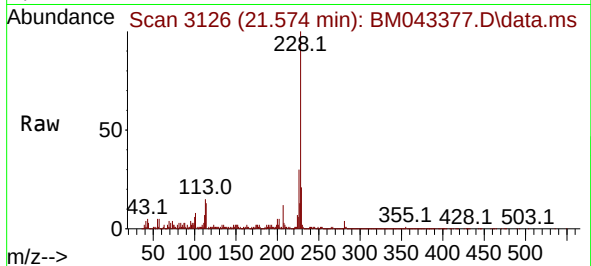
#87
Chrysene
Concen: 6.940 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM043377.D
Acq: 16 Dec 2023 02:51

Instrument :
BNA_M
ClientSampleId :
DCLG6

Tgt Ion:228 Resp: 770092
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 21.2 15.9 23.9

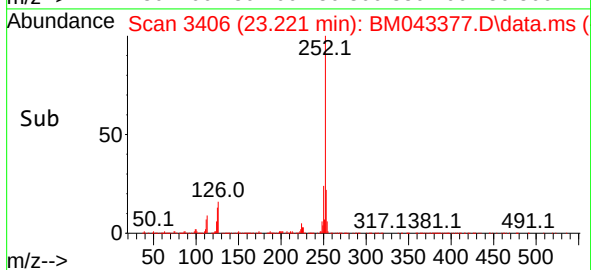
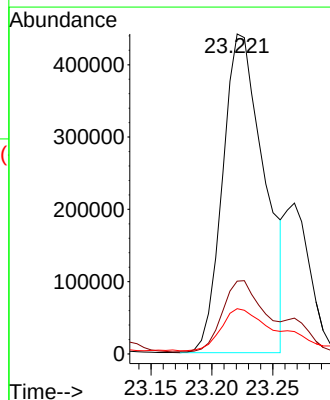
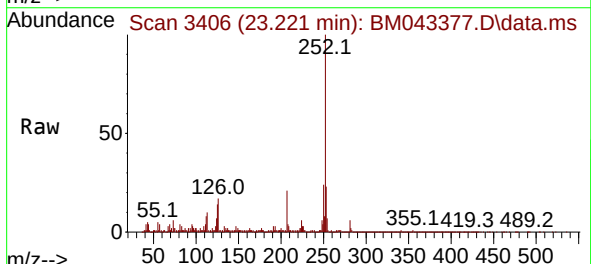
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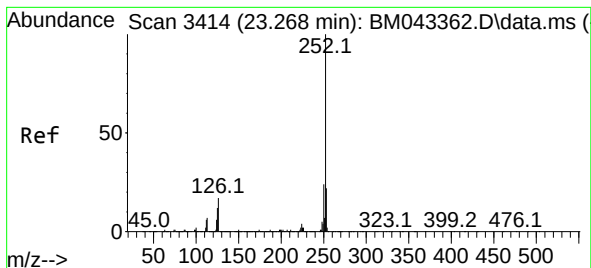
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#90
Benzo(b)fluoranthene
Concen: 7.858 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BM043377.D
Acq: 16 Dec 2023 02:51

Tgt Ion:252 Resp: 1049238
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 14.1 10.4 15.6





#91

Benzo(k)fluoranthene

Concen: 2.266 ng/ul m

RT: 23.268 min Scan# 3414

Delta R.T. -0.000 min

Lab File: BM043377.D

Acq: 16 Dec 2023 02:51

Instrument :

BNA_M

ClientSampleId :

DCLG6

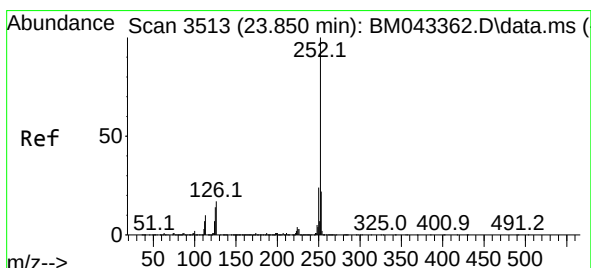
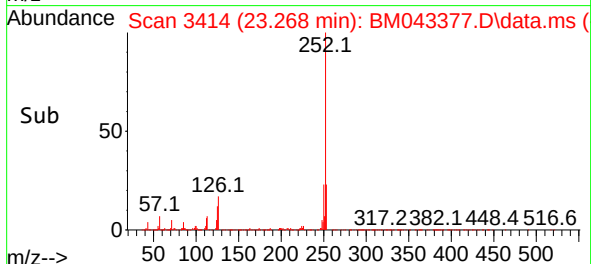
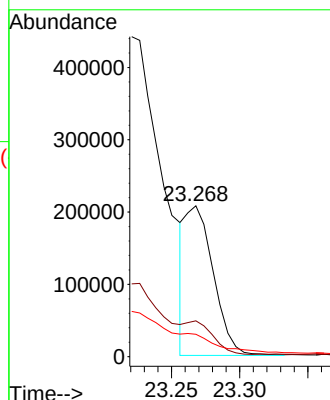
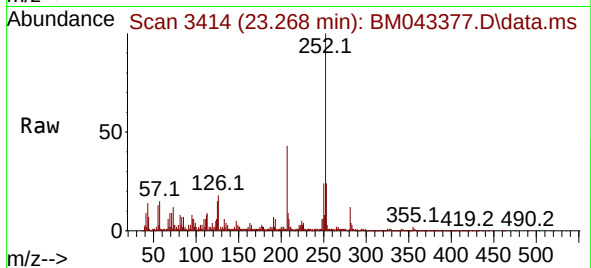
Tgt Ion:252 Resp: 295098
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.5 26.3
 125 14.9 10.2 15.4

Manual Integrations

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Supervised By :mohammad ahmed 12/16/2023



#93

Benzo(a)pyrene

Concen: 2.984 ng/ul

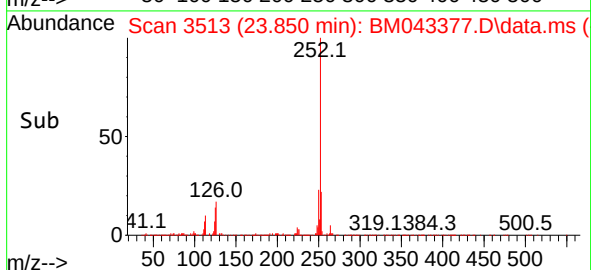
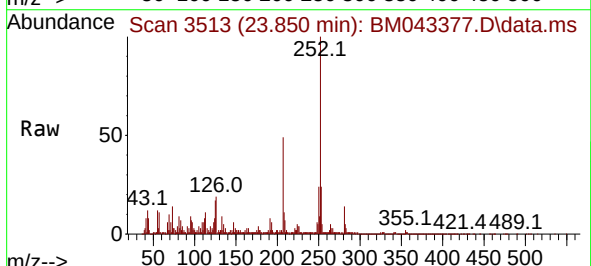
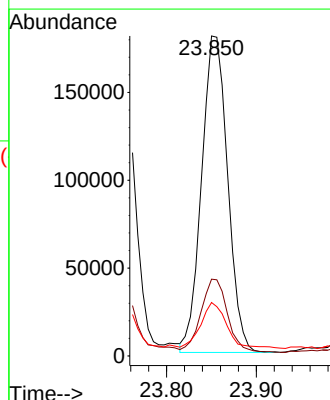
RT: 23.850 min Scan# 3513

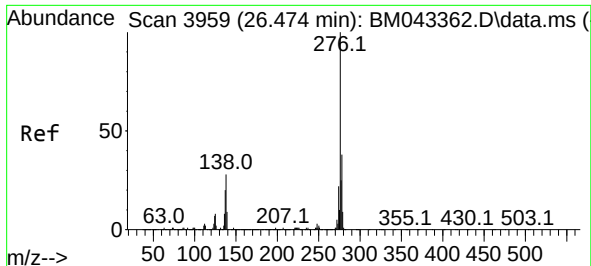
Delta R.T. -0.000 min

Lab File: BM043377.D

Acq: 16 Dec 2023 02:51

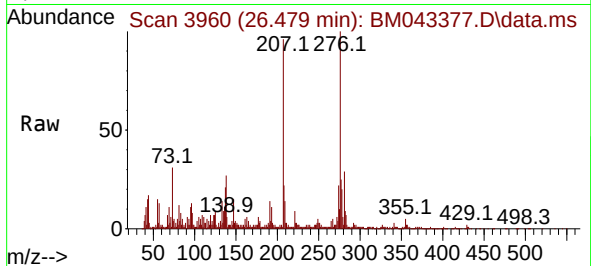
Tgt Ion:252 Resp: 363592
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.9 26.9
 125 16.7 11.4 17.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.916 ng/ul
RT: 26.479 min Scan# 3959
Delta R.T. -0.000 min
Lab File: BM043377.D
Acq: 16 Dec 2023 02:51

Instrument :
BNA_M
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Tgt Ion:276 Resp: 278674
Ion Ratio Lower Upper
276 100
138 27.2 22.6 34.0
277 25.3 19.7 29.5

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