

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043374.D
 Acq On : 16 Dec 2023 01:02
 Operator : MA/JU
 Sample : 05626-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLG3

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 01:40:28 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	429336	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1906049	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1023421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.362	188	1715240	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1148576	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1323026	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	46770	3.540	ng/uL	0.00
4) Pyridine-d5	3.810	84	323702	8.514	ng/u1	0.00
7) Phenol-d5	7.151	99	998172	20.437	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	620670	20.066	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	751055	20.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	800849	21.131	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	380676	20.643	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	395557	20.759	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	708733	21.070	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	805772	16.283	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2004238	21.755	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	2418627	22.130	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	295794	16.963	ng/u1	0.00
60) Fluorene-d10	15.616	176	1664994	21.855	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	190597	16.802	ng/u1	0.00
73) Anthracene-d10	17.462	188	2223486	23.114	ng/u1	0.00
81) Pyrene-d10	19.751	212	2126893	23.455	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1887787	23.122	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.410	178	186359	1.603	ng/u1	99
74) Anthracene	17.498	178	198791	1.694	ng/u1	98
80) Fluoranthene	19.415	202	1337920	11.914	ng/u1	99
82) Pyrene	19.780	202	1413836	12.247	ng/u1	100
85) Benzo(a)anthracene	21.521	228	460911	4.799	ng/u1	96
87) Chrysene	21.574	228	959690	11.107	ng/u1	98
90) Benzo(b)fluoranthene	23.221	252	1827594	18.026	ng/u1	98
91) Benzo(k)fluoranthene	23.268	252	473079m	4.784	ng/u1	
93) Benzo(a)pyrene	23.856	252	513692	5.553	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	550242	4.982	ng/u1	97
95) Dibenzo(a,h)anthracene	26.497	278	155170	1.697	ng/u1	92
96) Benzo(g,h,i)perylene	27.250	276	166600	1.924	ng/u1	96

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

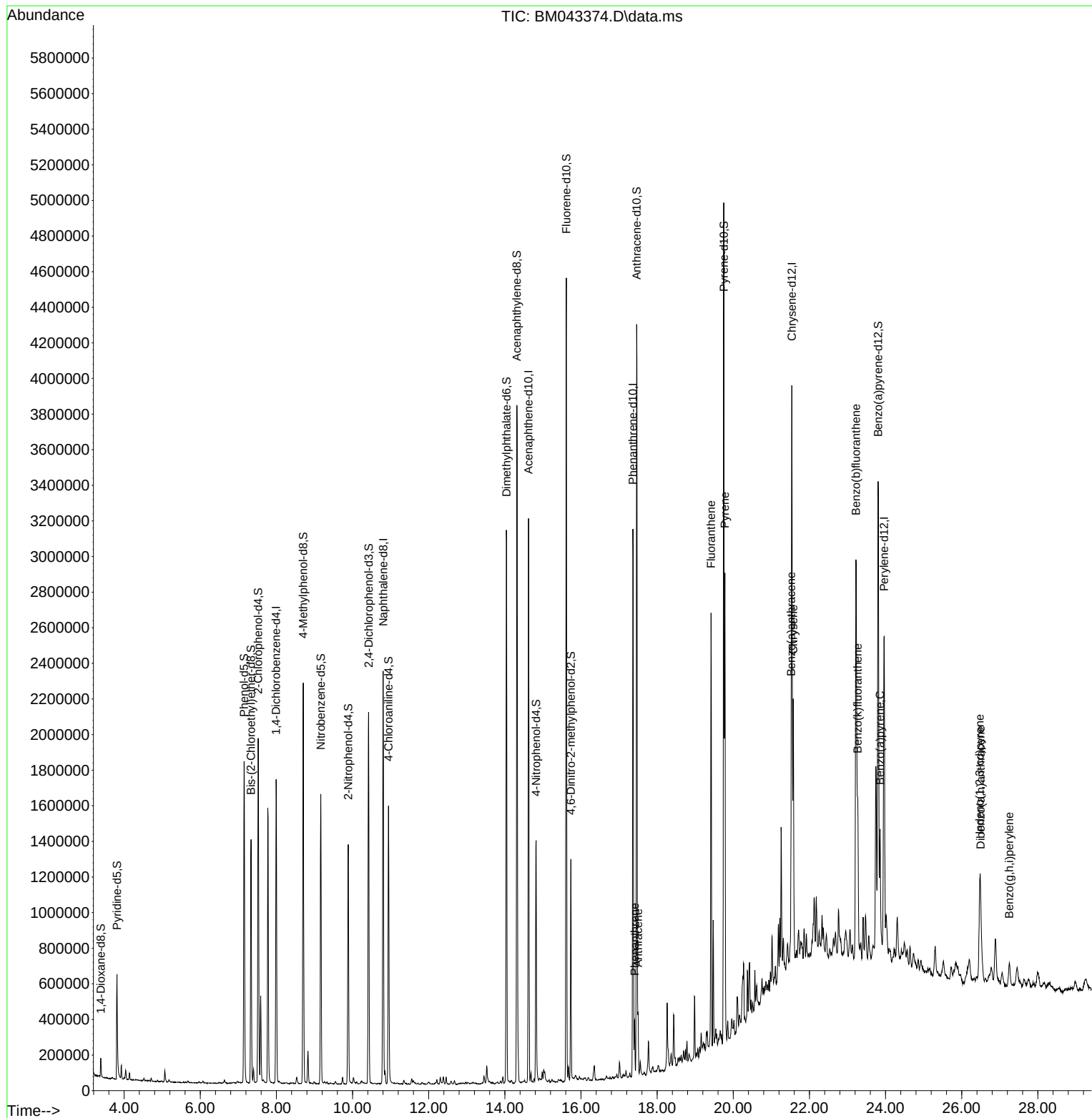
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
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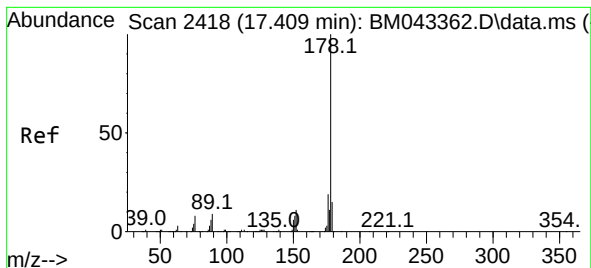
Instrument :
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#72

Phenanthrene

Concen: 1.603 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BM043374.D

Acq: 16 Dec 2023 01:02

Instrument :

BNA_M

ClientSampleId :

DCLG3

Tgt Ion:178 Resp: 186359

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

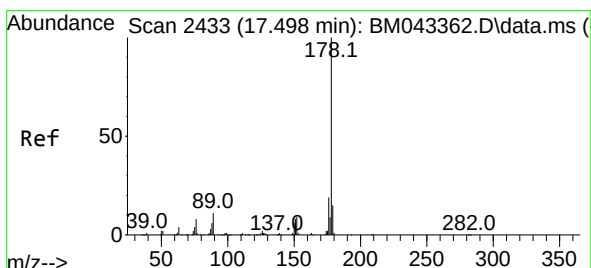
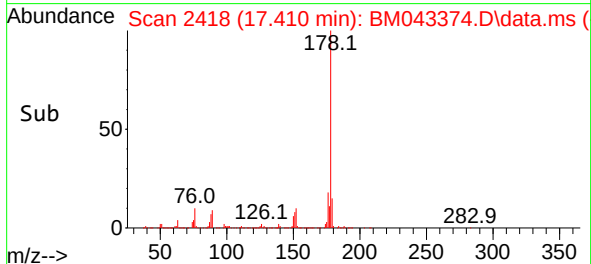
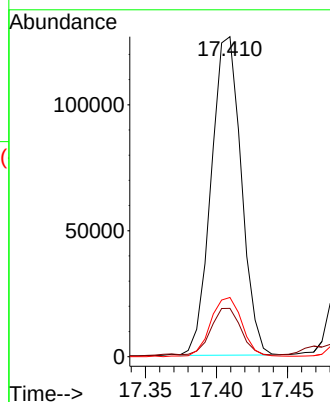
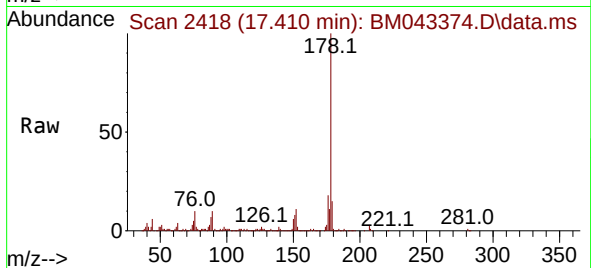
176 18.5 15.5 23.3

Manual Integrations

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#74

Anthracene

Concen: 1.694 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM043374.D

Acq: 16 Dec 2023 01:02

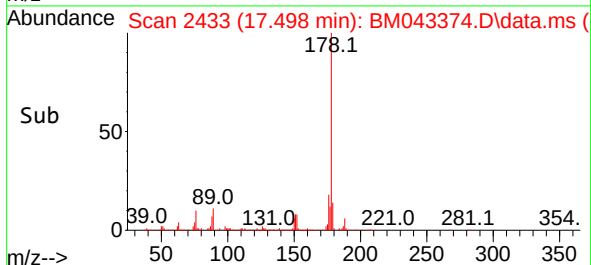
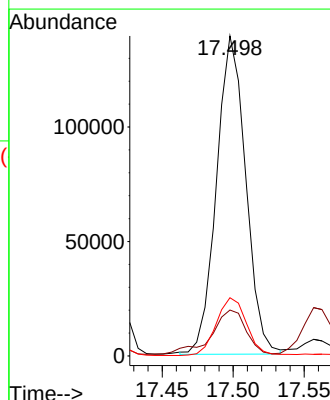
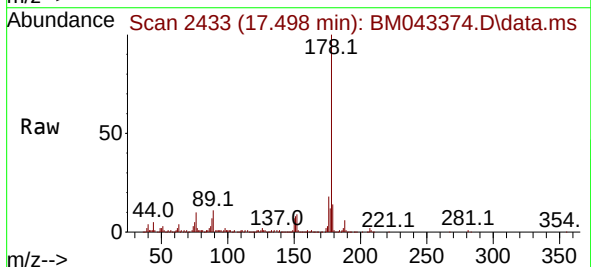
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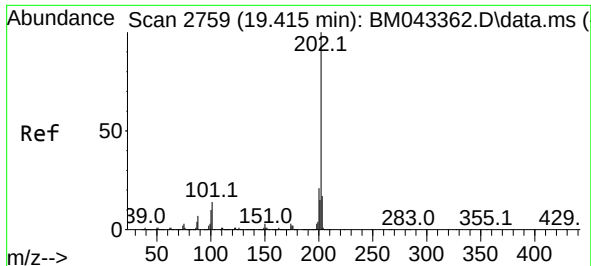
Ion Ratio Lower Upper

178 100

179 14.4 12.4 18.6

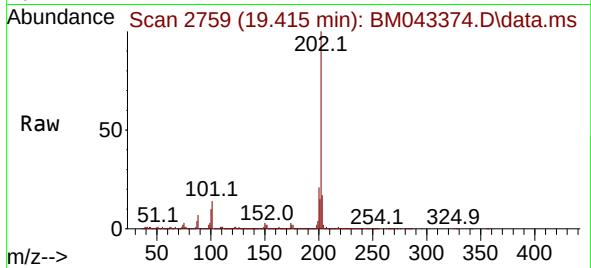
176 18.2 15.2 22.8





#80
Fluoranthene
Concen: 11.914 ng/u1
RT: 19.415 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

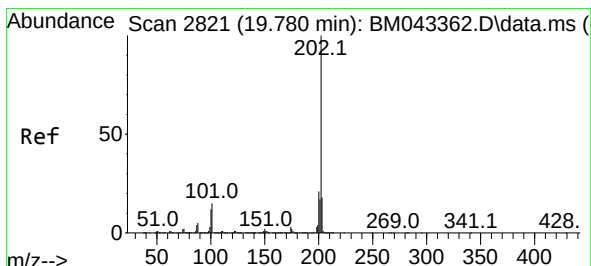
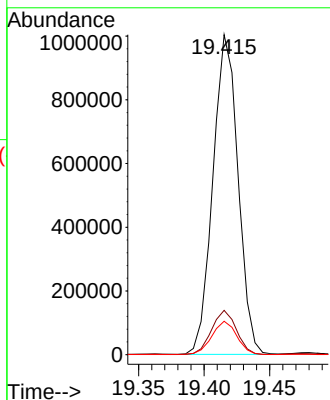
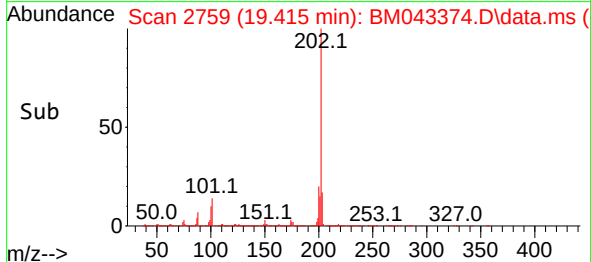
Instrument :
BNA_M
ClientSampleId :
DCLG3



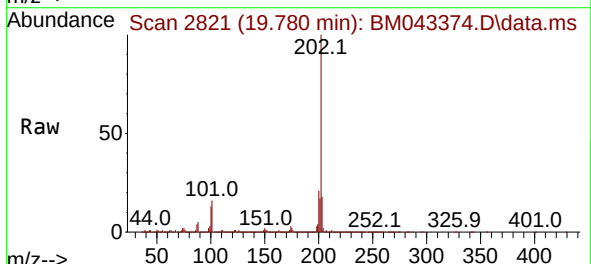
Tgt Ion:202 Resp: 1337920
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.5 8.2 12.4

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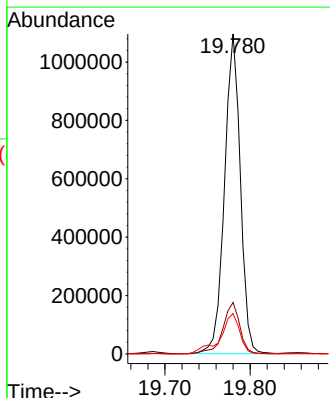
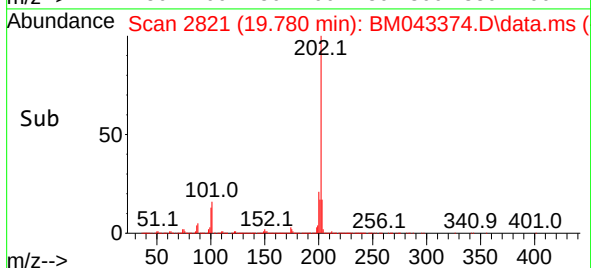
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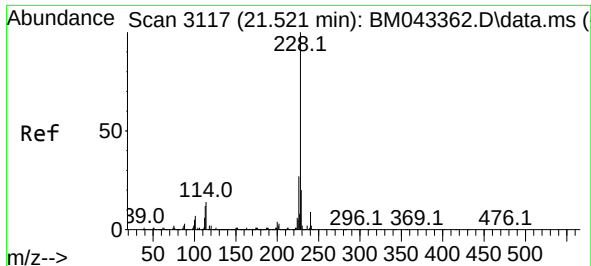


#82
Pyrene
Concen: 12.247 ng/u1
RT: 19.780 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02



Tgt Ion:202 Resp: 1413836
Ion Ratio Lower Upper
202 100
101 16.1 12.7 19.1
100 12.7 10.1 15.1





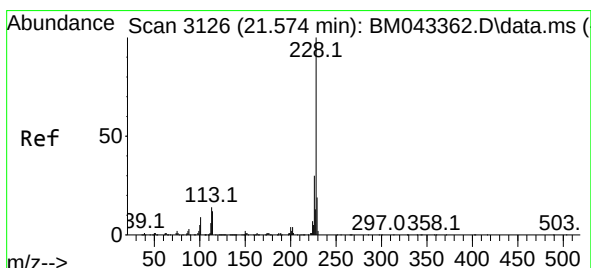
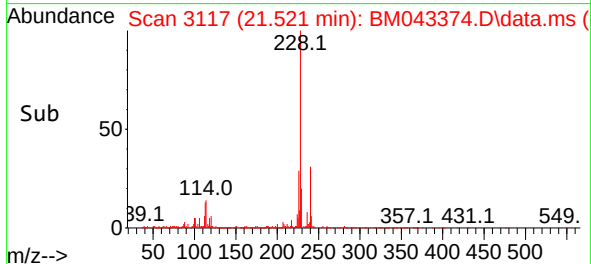
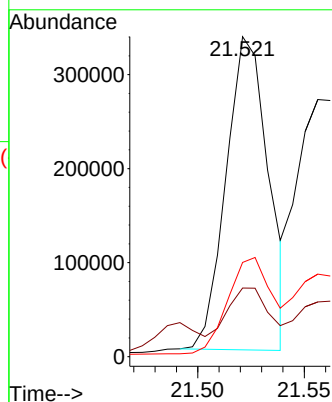
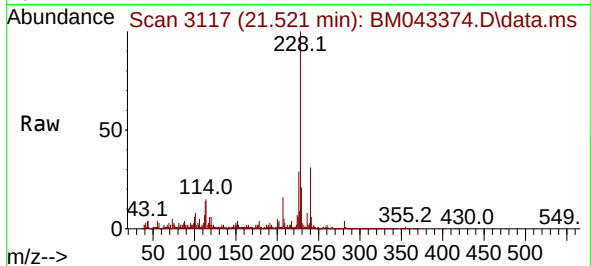
#85
Benzo(a)anthracene
Concen: 4.799 ng/ul
RT: 21.521 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

Instrument :
BNA_M
ClientSampleId :
DCLG3

Tgt Ion:228 Resp: 46091
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 29.5 22.2 33.2

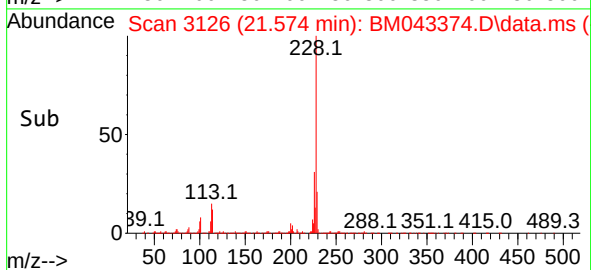
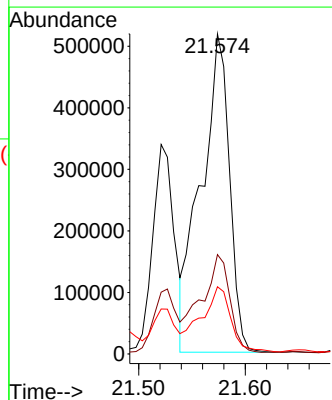
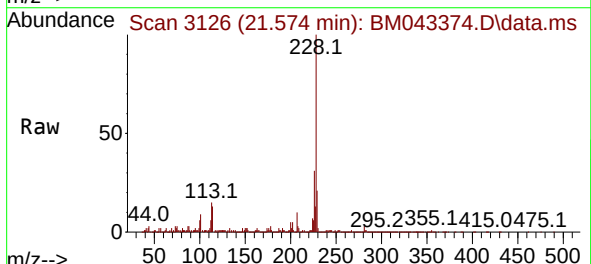
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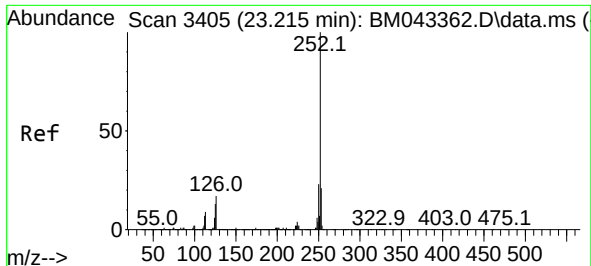
Reviewed By :Yogesh Patel 12/16/2023
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#87
Chrysene
Concen: 11.107 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

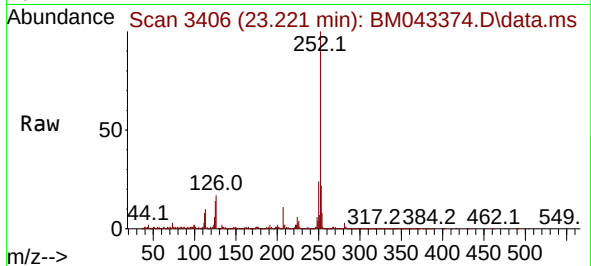
Tgt Ion:228 Resp: 959690
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 21.0 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 18.026 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. 0.000 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

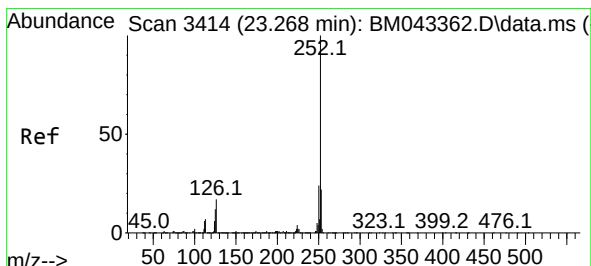
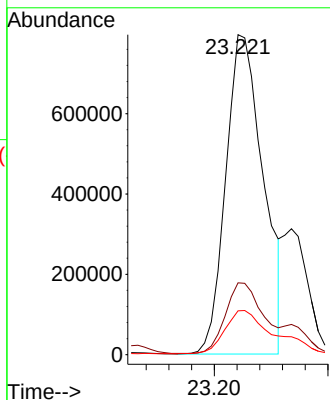
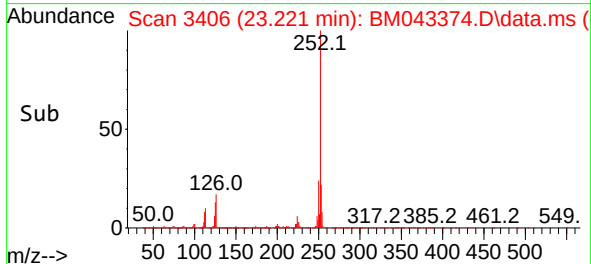
Instrument :
BNA_M
ClientSampleId :
DCLG3



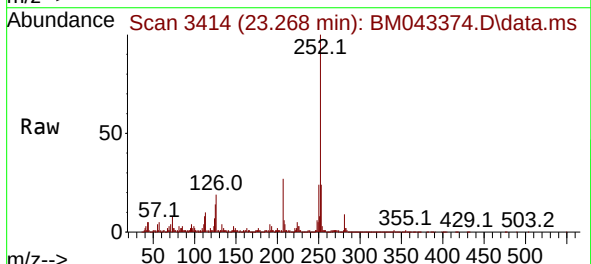
Tgt Ion:252 Resp: 1827594
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 13.7 10.4 15.6

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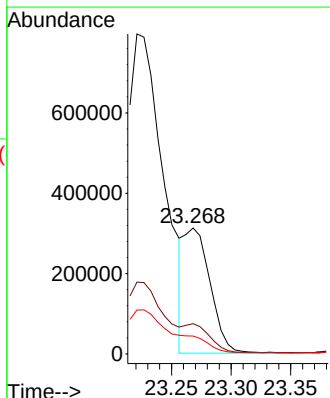
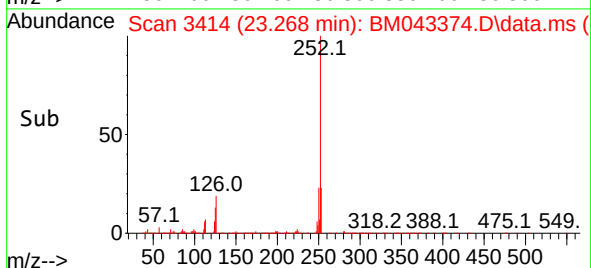
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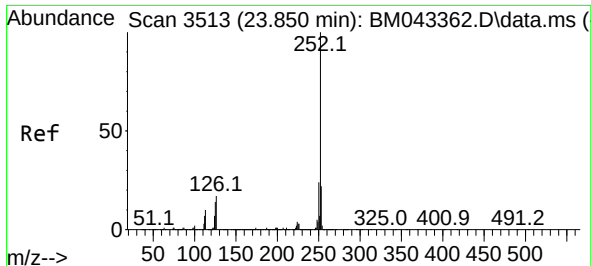


#91
Benzo(k)fluoranthene
Concen: 4.784 ng/ul m
RT: 23.268 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02



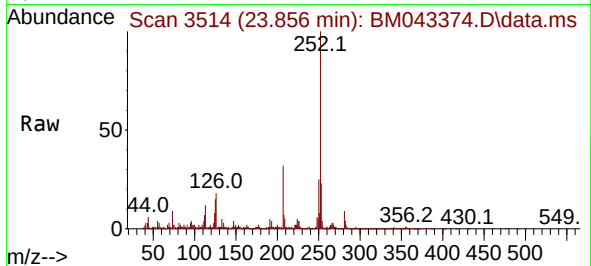
Tgt Ion:252 Resp: 473079
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 14.2 10.2 15.4





#93
Benzo(a)pyrene
Concen: 5.553 ng/ul
RT: 23.856 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

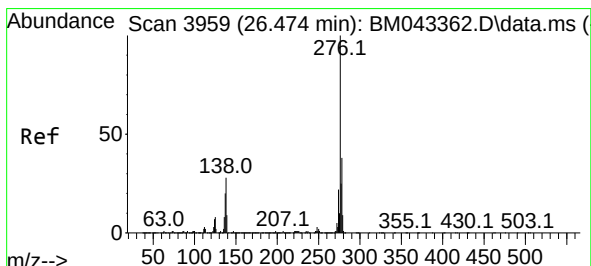
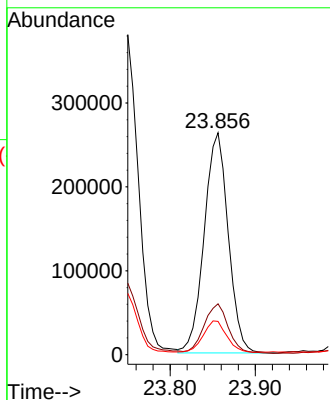
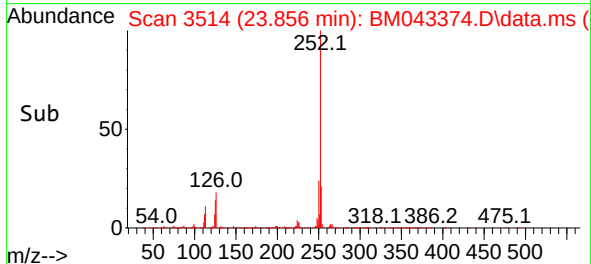
Instrument :
BNA_M
ClientSampleId :
DCLG3



Tgt Ion:252 Resp: 513692
Ion Ratio Lower Upper
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253 22.9 17.9 26.9
125 15.0 11.4 17.2

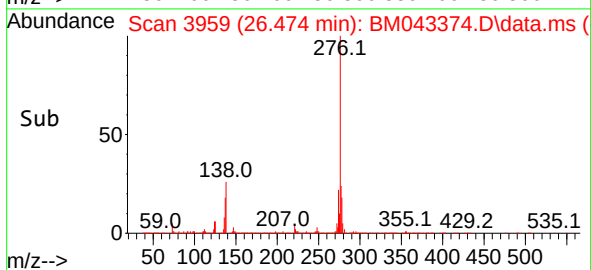
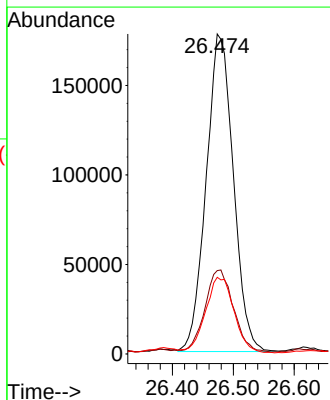
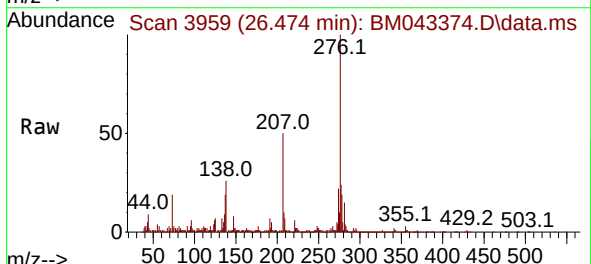
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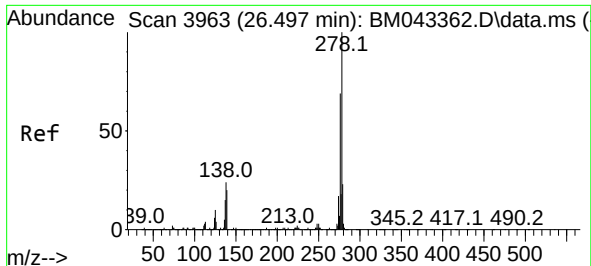
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.982 ng/ul
RT: 26.474 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

Tgt Ion:276 Resp: 550242
Ion Ratio Lower Upper
276 100
138 26.1 22.6 34.0
277 24.0 19.7 29.5





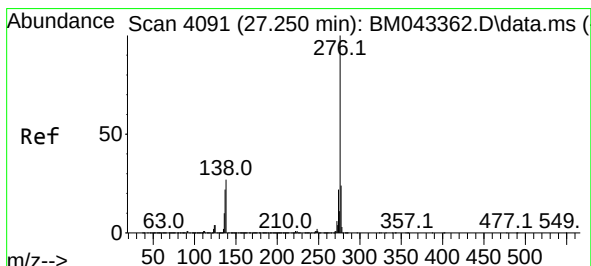
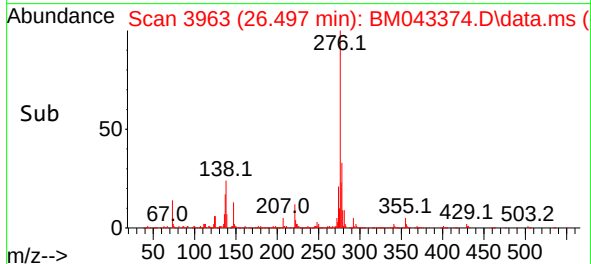
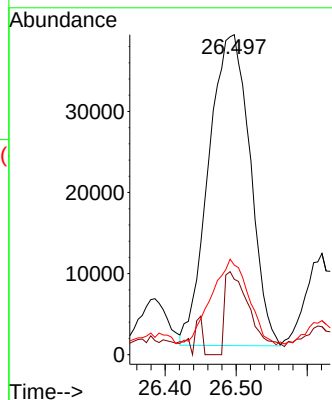
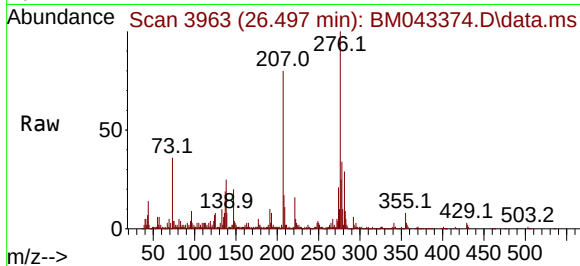
#95
Dibenzo(a,h)anthracene
Concen: 1.697 ng/ul
RT: 26.497 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:278 Resp: 155170
Ion Ratio Lower Upper
278 100
139 23.5 16.0 24.0
279 28.0 19.4 29.0

Manual Integrations
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Supervised By :mohammad ahmed 12/16/2023



#96
Benzo(g,h,i)perylene
Concen: 1.924 ng/ul
RT: 27.250 min Scan# 4091
Delta R.T. 0.000 min
Lab File: BM043374.D
Acq: 16 Dec 2023 01:02

Tgt Ion:276 Resp: 166600
Ion Ratio Lower Upper
276 100
138 26.3 22.4 33.6
277 26.0 19.1 28.7

