

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043740.D
 Acq On : 03 Jan 2024 19:20
 Operator : MA/JU
 Sample : 05952-14DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 22:44:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	246359	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	998947	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	684268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1430191	20.000	ng/u1	0.03
79) Chrysene-d12	21.539	240	1298296	20.000	ng/u1	0.02
88) Perylene-d12	23.968	264	1336554	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	2016	0.266	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.146	99	29798	1.063	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.304	67	18761	1.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	25882	1.210	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	21102	0.970	ng/u1	0.02
21) Nitrobenzene-d5	9.140	128	11244	1.163	ng/u1	0.01
24) 2-Nitrophenol-d4	9.863	143	12832	1.285	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.410	165	22200	1.259	ng/u1	0.03
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.022	166	85894	1.394	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	116174	1.590	ng/u1	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.598	176	102247	2.007	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.468	188	176170m	2.196	ng/u1	0.03
81) Pyrene-d10	19.757	212	169612	1.655	ng/u1	0.03
92) Benzo(a)pyrene-d12	23.809	264	111675	1.354	ng/u1	0.04
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.233	232	969637	80.427	ng/u1#	91
71) Pentachlorophenol	17.039	266	25245417m	2151.203	ng/u1	
80) Fluoranthene	19.421	202	1383683	10.901	ng/u1	96
82) Pyrene	19.786	202	7129903	54.639	ng/u1#	93
85) Benzo(a)anthracene	21.527	228	357643m	3.294	ng/u1	
87) Chrysene	21.580	228	1845832	18.899	ng/u1	98
90) Benzo(b)fluoranthene	23.227	252	139353	1.361	ng/u1#	81

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

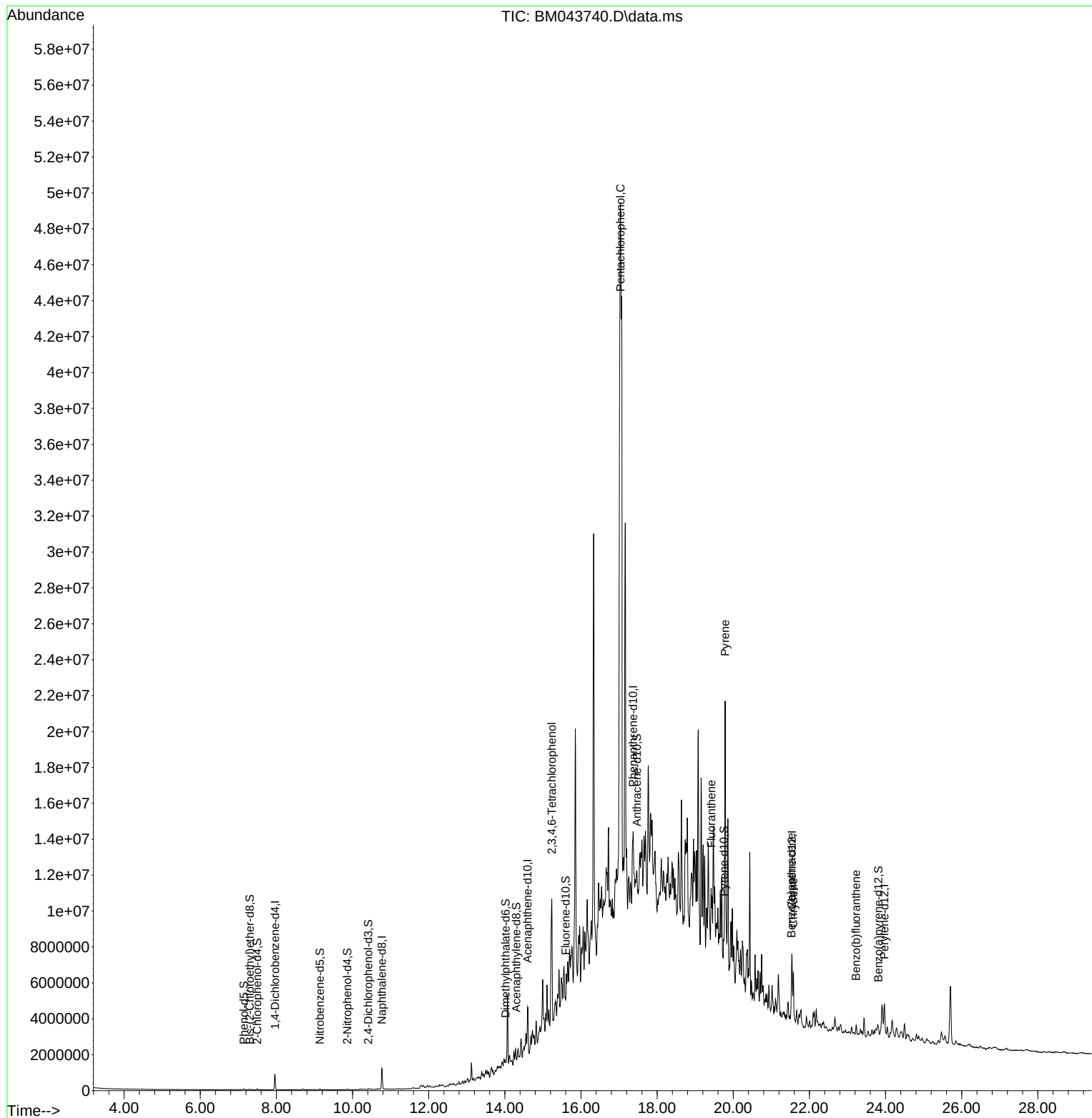
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043740.D
Acq On : 03 Jan 2024 19:20
Operator : MA/JU
Sample : 05952-14DL 10X
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ALS Vial : 8 Sample Multiplier: 1

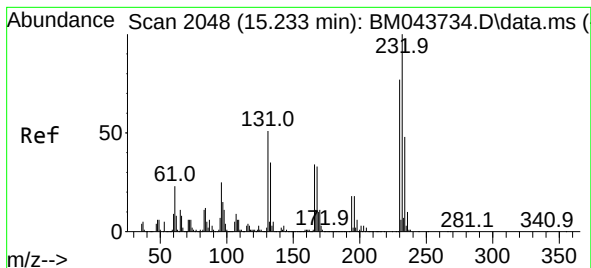
Instrument :
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Supervised By :mohammad ahmed 01/05/2024

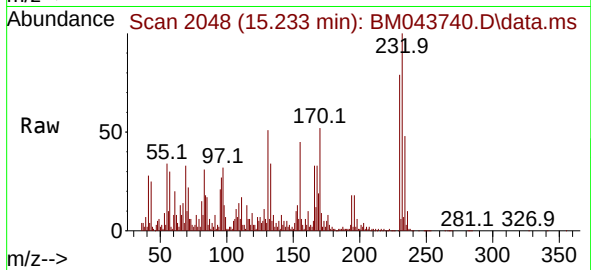
Quant Time: Jan 03 22:44:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration





#58
2,3,4,6-Tetrachlorophenol
Concen: 80.427 ng/ul
RT: 15.233 min Scan# 2048
Delta R.T. 0.018 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20

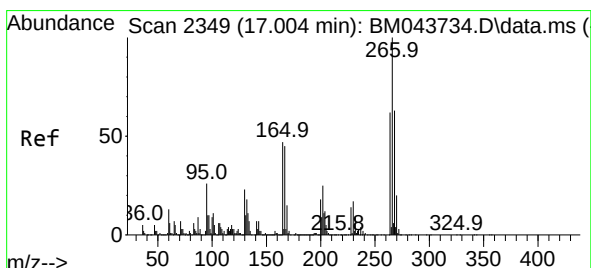
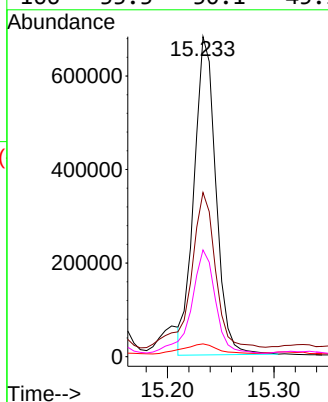
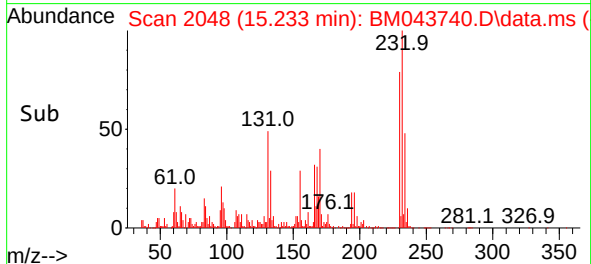
Instrument :
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GCF97DL



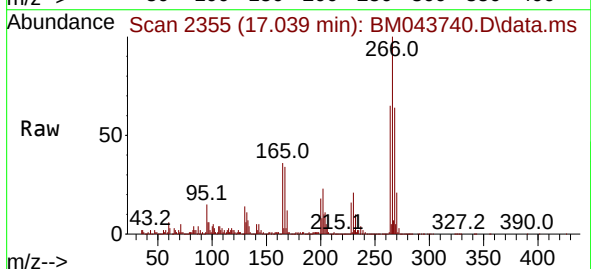
Tgt Ion:232 Resp: 96963
Ion Ratio Lower Upper
232 100
131 51.3 47.4 71.0
130 4.0 2.4 3.6
166 33.3 30.1 45.1

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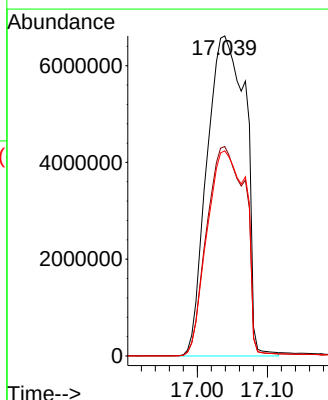
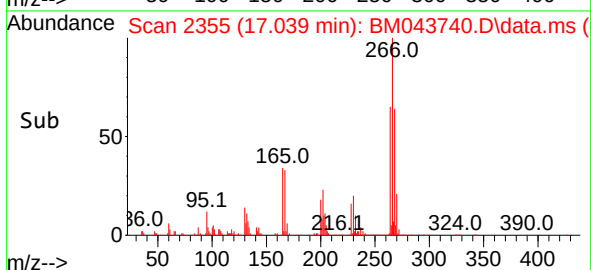
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Supervised By :mohammad ahmed 01/05/2024

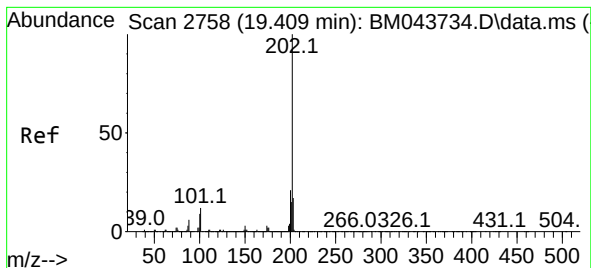


#71
Pentachlorophenol
Concen: 2151.203 ng/ul m
RT: 17.039 min Scan# 2355
Delta R.T. 0.059 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20



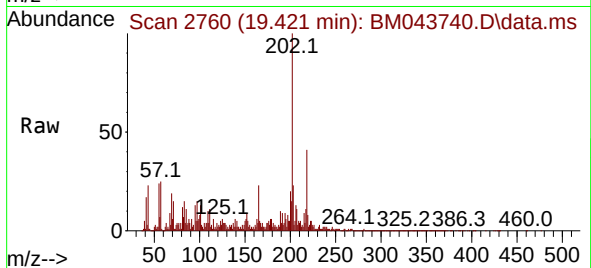
Tgt Ion:266 Resp:25245417
Ion Ratio Lower Upper
266 100
264 65.4 49.9 74.9
268 64.1 51.0 76.6





#80
Fluoranthene
Concen: 10.901 ng/u1
RT: 19.421 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20

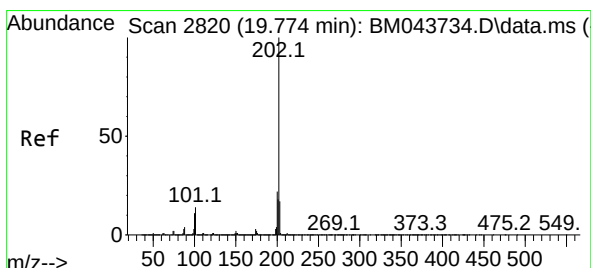
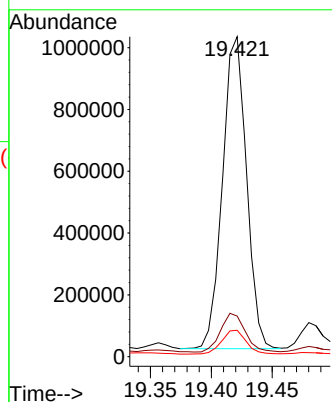
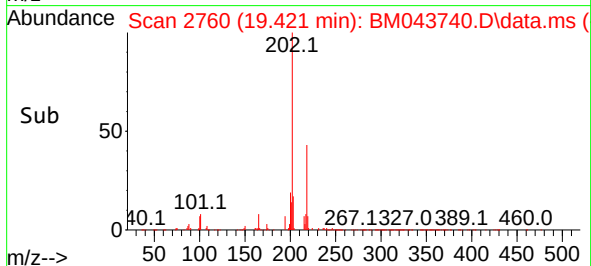
Instrument :
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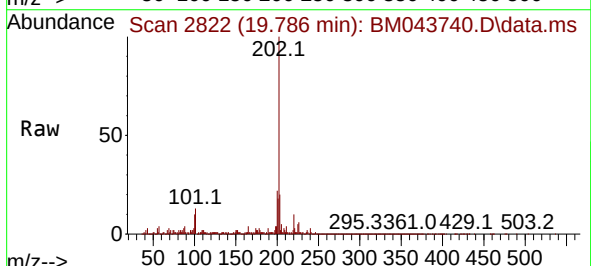
Tgt Ion:202 Resp: 138368
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 8.3 8.2 12.4

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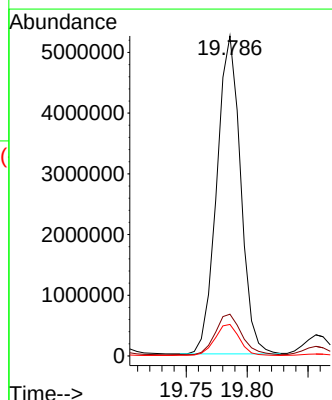
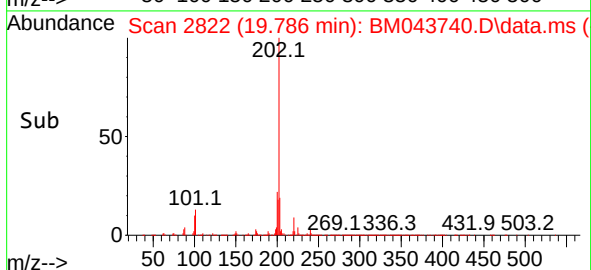
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

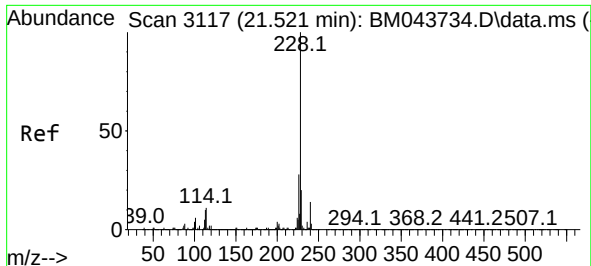


#82
Pyrene
Concen: 54.639 ng/u1
RT: 19.786 min Scan# 2822
Delta R.T. 0.029 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20



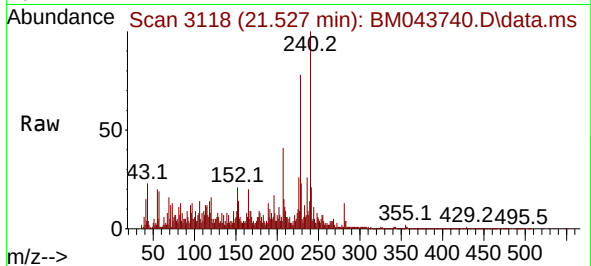
Tgt Ion:202 Resp: 7129903
Ion Ratio Lower Upper
202 100
101 13.0 12.7 19.1
100 9.9 10.1 15.1#





#85
Benzo(a)anthracene
Concen: 3.294 ng/ul m
RT: 21.527 min Scan# 3117
Delta R.T. 0.023 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20

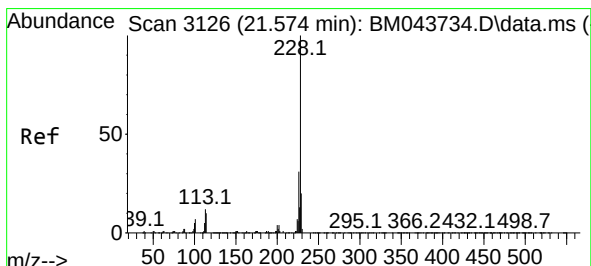
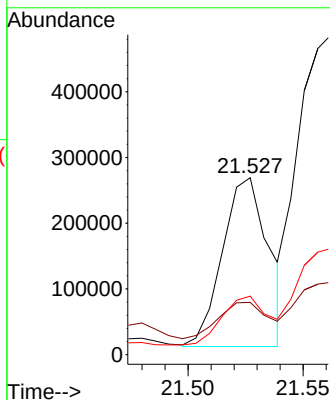
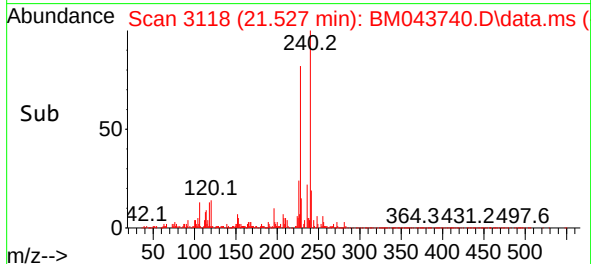
Instrument :
BNA_M
ClientSampleId :
GCF97DL



Tgt Ion:228 Resp: 35764
Ion Ratio Lower Upper
228 100
229 29.5 15.6 23.4
226 33.1 22.2 33.2

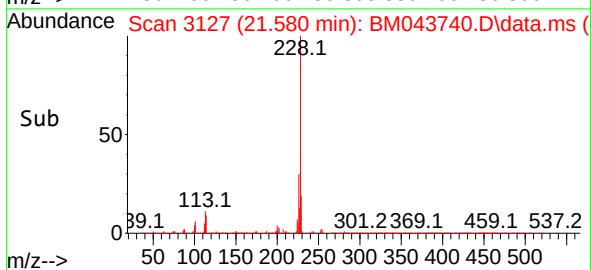
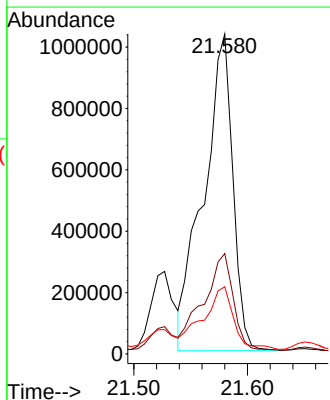
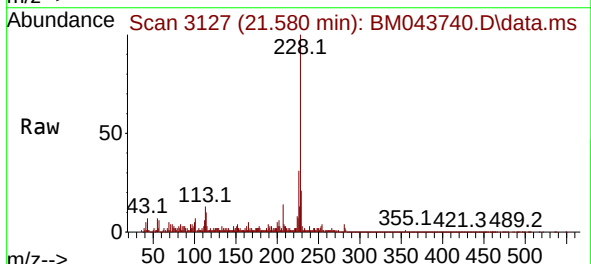
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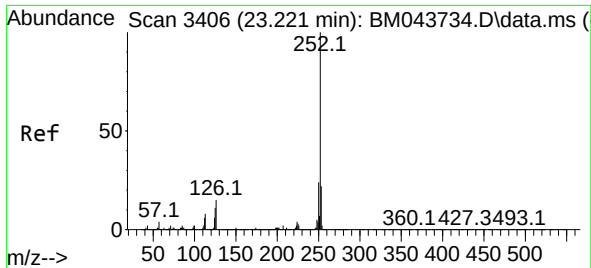
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#87
Chrysene
Concen: 18.899 ng/ul
RT: 21.580 min Scan# 3127
Delta R.T. 0.023 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20

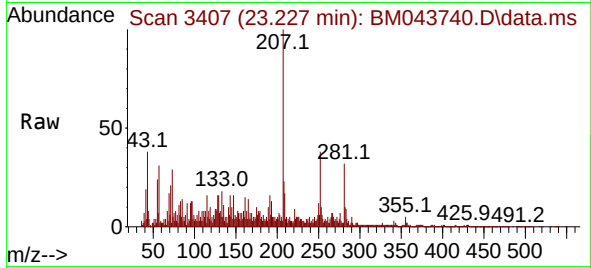
Tgt Ion:228 Resp: 1845832
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.2
229 21.0 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 1.361 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. 0.029 min
Lab File: BM043740.D
Acq: 03 Jan 2024 19:20

Instrument :
BNA_M
ClientSampleId :
GCF97DL



Tgt Ion:252 Resp: 13935
Ion Ratio Lower Upper
252 100
253 27.6 17.4 26.2
125 24.6 10.4 15.6

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