

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043728.D
 Acq On : 03 Jan 2024 12:07
 Operator : MA/JU
 Sample : 05952-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA1

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 00:01:52 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	238277	20.000	ng/u1	0.00
20) Naphthalene-d8	10.774	136	1029298	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.610	164	625822	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.421	188	1115720	20.000	ng/u1	# 0.08
79) Chrysene-d12	21.574	240	1423732	20.000	ng/u1	0.05
88) Perylene-d12	24.009	264	1269901	20.000	ng/u1	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	11213	1.529	ng/uL	0.00
4) Pyridine-d5	3.840	84	43148m	2.045	ng/u1	0.05
7) Phenol-d5	7.151	99	240304	8.865	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.304	67	150418	8.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.498	132	196228	9.481	ng/u1	0.01
15) 4-Methylphenol-d8	8.698	113	188329	8.954	ng/u1	0.03
21) Nitrobenzene-d5	9.139	128	100416	10.083	ng/u1	0.01
24) 2-Nitrophenol-d4	9.863	143	110720	10.760	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.410	165	185165	10.194	ng/u1	0.03
31) 4-Chloroaniline-d4	10.945	131	4577	0.171	ng/u1	0.03
46) Dimethylphthalate-d6	14.027	166	580639	10.307	ng/u1	0.01
49) Acenaphthylene-d8	14.304	160	729193	10.911	ng/u1	0.02
54) 4-Nitrophenol-d4	14.821	143	20281	1.902	ng/u1	0.03
60) Fluorene-d10	15.609	176	514668	11.048	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.762	200	65642m	8.896	ng/u1	0.05
73) Anthracene-d10	17.509	188	687954	10.995	ng/u1	0.07
81) Pyrene-d10	19.792	212	711206	6.327	ng/u1	0.06
92) Benzo(a)pyrene-d12	23.844	264	856192m	10.926	ng/u1	0.07
Target Compounds					Qvalue	
58) 2,3,4,6-Tetrachlorophenol	15.257	232	4597049m	416.917	ng/u1	
71) Pentachlorophenol	17.045	266	32140098m	3510.629	ng/u1	
74) Anthracene	17.545	178	776909	10.180	ng/u1#	57
82) Pyrene	19.821	202	3230189	22.573	ng/u1#	85
87) Chrysene	21.586	228	867588m	8.101	ng/u1	
90) Benzo(b)fluoranthene	23.256	252	184006m	1.891	ng/u1	

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

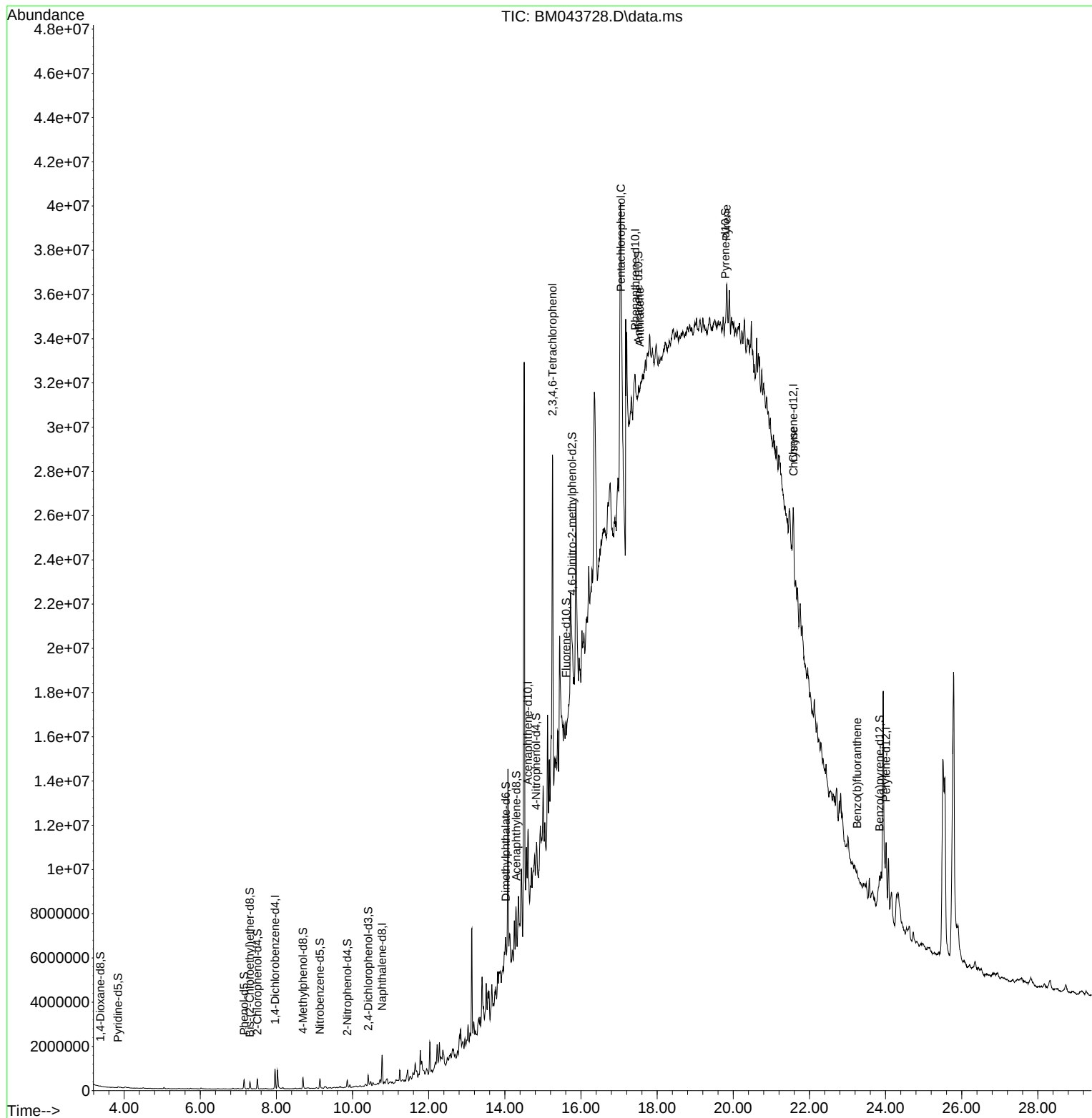
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
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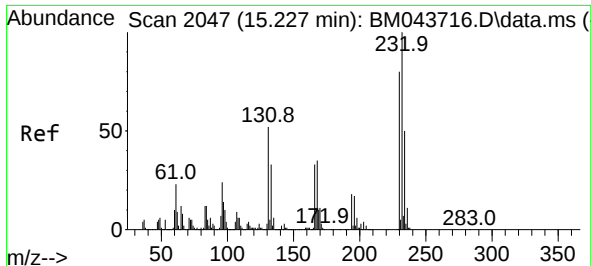
Instrument :
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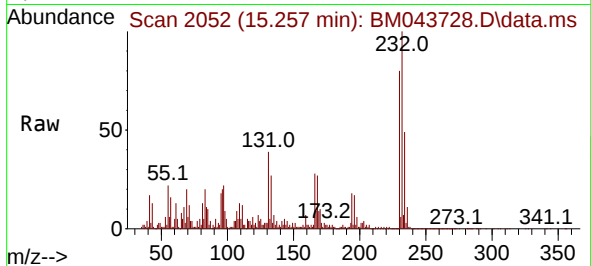
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024





#58
2,3,4,6-Tetrachlorophenol
Concen: 416.917 ng/ul m
RT: 15.257 min Scan# 2047
Delta R.T. 0.041 min
Lab File: BM043728.D
Acq: 03 Jan 2024 12:07

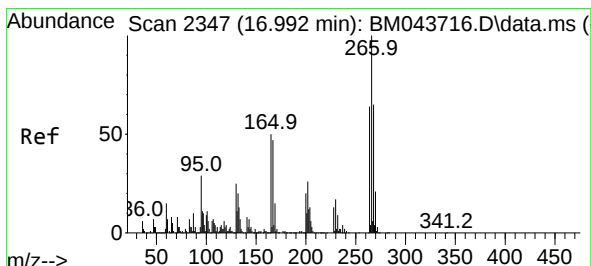
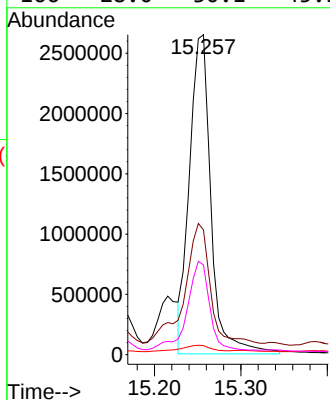
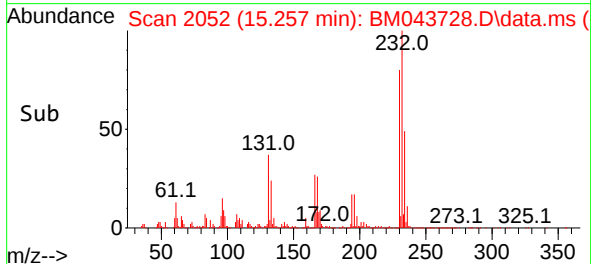
Instrument :
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ClientSampleId :
GCFA1



Tgt Ion:232 Resp: 4597049
Ion Ratio Lower Upper
232 100
131 39.0 47.4 71.0
130 2.8 2.4 3.6
166 28.0 30.1 45.1#

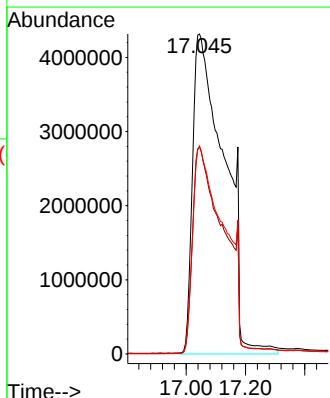
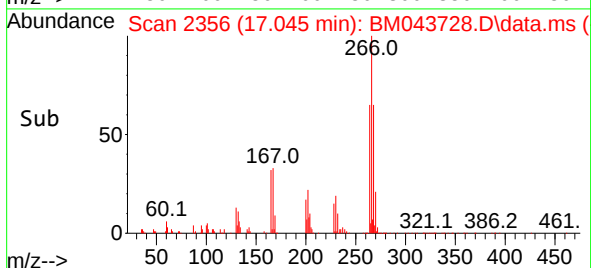
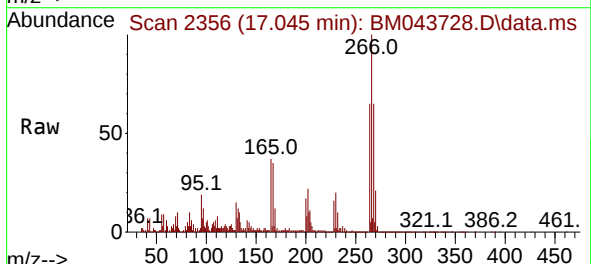
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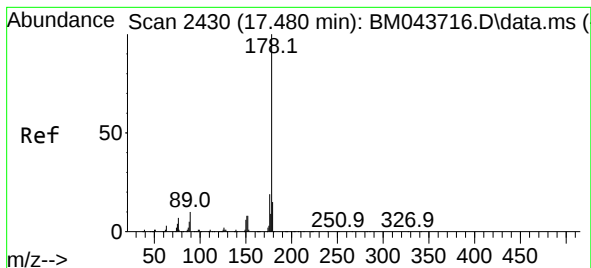
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#71
Pentachlorophenol
Concen: 3510.629 ng/ul m
RT: 17.045 min Scan# 2356
Delta R.T. 0.064 min
Lab File: BM043728.D
Acq: 03 Jan 2024 12:07

Tgt Ion:266 Resp:32140098
Ion Ratio Lower Upper
266 100
264 64.6 49.9 74.9
268 65.0 51.0 76.6





#74

Anthracene

Concen: 10.180 ng/u1

RT: 17.545 min Scan# 2430

Delta R.T. 0.070 min

Lab File: BM043728.D

Acq: 03 Jan 2024 12:07

Instrument :

BNA_M

ClientSampleId :

GCFA1

Tgt Ion:178 Resp: 776909

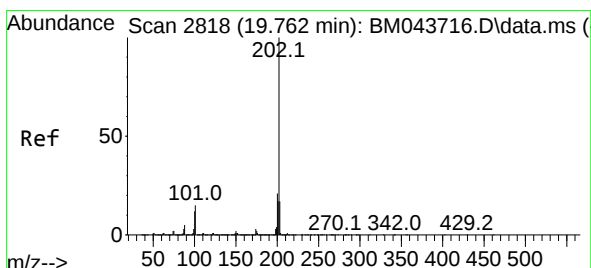
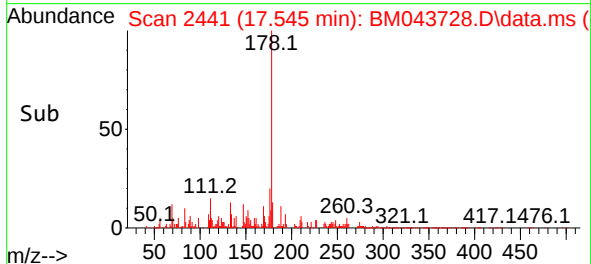
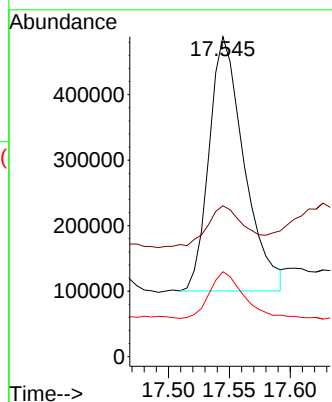
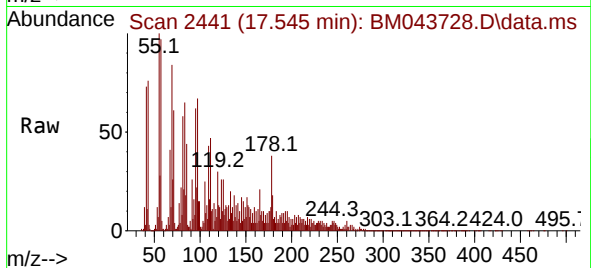
Ion	Ratio	Lower	Upper
178	100		
179	47.2	12.4	18.6
176	26.5	15.2	22.8

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#82

Pyrene

Concen: 22.573 ng/u1

RT: 19.821 min Scan# 2828

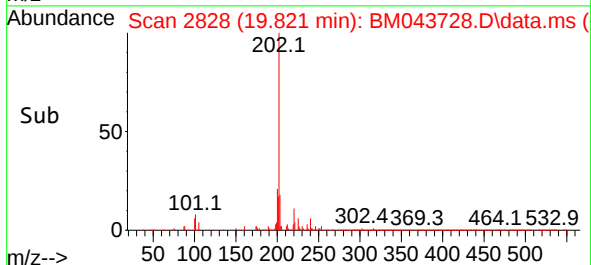
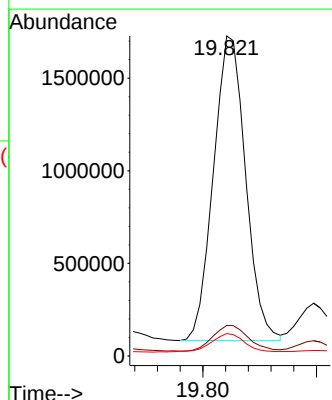
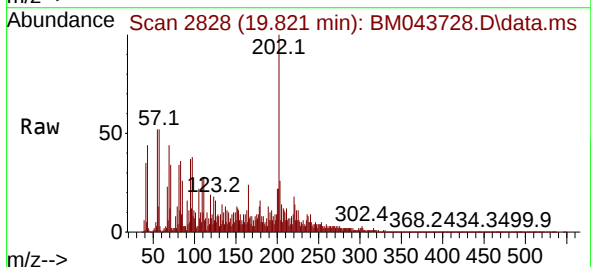
Delta R.T. 0.064 min

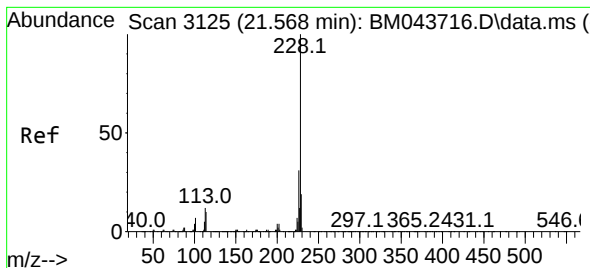
Lab File: BM043728.D

Acq: 03 Jan 2024 12:07

Tgt Ion:202 Resp: 3230189

Ion	Ratio	Lower	Upper
202	100		
101	9.5	12.7	19.1#
100	7.0	10.1	15.1#





#87

Chrysene

Concen: 8.101 ng/ul m

RT: 21.586 min Scan# 3125

Delta R.T. 0.029 min

Lab File: BM043728.D

Acq: 03 Jan 2024 12:07

Instrument :

BNA_M

ClientSampleId :

GCFA1

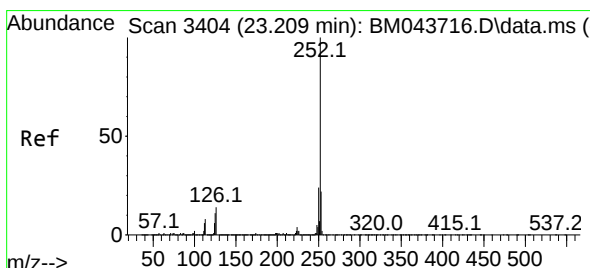
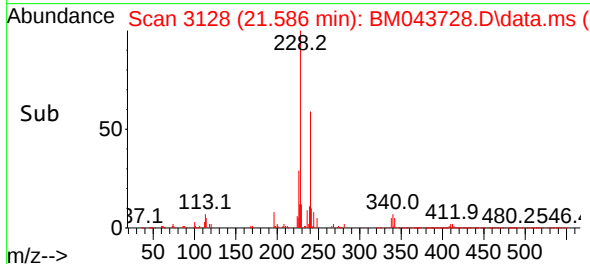
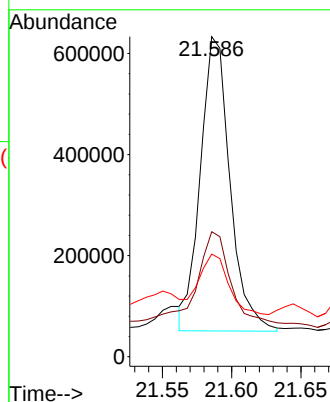
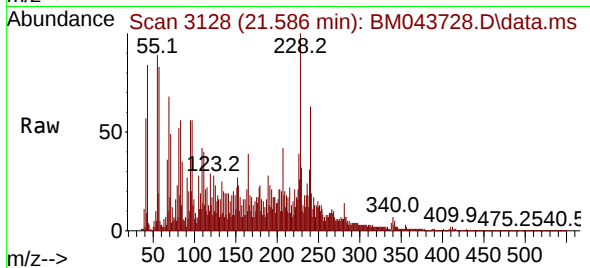
Tgt Ion:228	Resp: 86758
Ion Ratio	Lower Upper
228 100	
226 39.0	24.2 36.2
229 32.1	15.9 23.9

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Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(b)fluoranthene

Concen: 1.891 ng/ul m

RT: 23.256 min Scan# 3412

Delta R.T. 0.059 min

Lab File: BM043728.D

Acq: 03 Jan 2024 12:07

Tgt Ion:252	Resp: 184006
Ion Ratio	Lower Upper
252 100	
253 43.0	17.4 26.2
125 54.9	10.4 15.6

