

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043767.D
 Acq On : 05 Jan 2024 19:14
 Operator : MA/JU
 Sample : 05953-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA8

Manual Integrations
 APPROVED

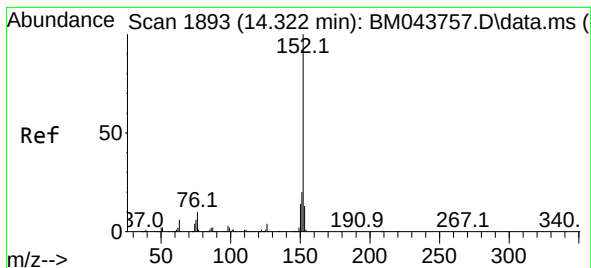
Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

Quant Time: Jan 05 22:32:11 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)

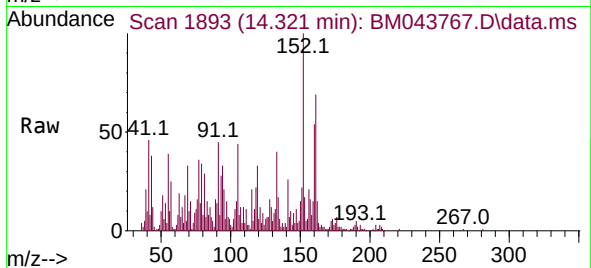
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	249650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1009932	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	587832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1145287	20.000	ng/ul	0.03
79) Chrysene-d12	21.539	240	1040297	20.000	ng/ul	0.02
88) Perylene-d12	23.962	264	1132236	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	20538	2.674	ng/uL	0.00
4) Pyridine-d5	3.799	84	146658	6.634	ng/ul	0.01
7) Phenol-d5	7.128	99	408422	14.381	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	245813	13.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	325179	14.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	307936	13.973	ng/ul	0.01
21) Nitrobenzene-d5	9.128	128	156668	16.034	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	177800	17.611	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	306414	17.193	ng/ul	0.01
31) 4-Chloroaniline-d4	10.933	131	20327m	0.775	ng/ul	0.02
46) Dimethylphthalate-d6	14.016	166	914507	17.282	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1134565	18.074	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	169653	16.939	ng/ul	0.04
60) Fluorene-d10	15.592	176	797407	18.223	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	132177	17.450	ng/ul	0.02
73) Anthracene-d10	17.462	188	1180011	18.371	ng/ul	0.02
81) Pyrene-d10	19.756	212	1375418	16.747	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.803	264	1231789	17.630	ng/ul	0.03
Target Compounds					Qvalue	
50) Acenaphthylene	14.321	152	78655	1.091	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.227	232	1160661	112.066	ng/ul	90
71) Pentachlorophenol	17.033	266	31275372m	3327.983	ng/ul	
72) Phenanthrene	17.410	178	909690	11.719	ng/ul#	94
74) Anthracene	17.498	178	621309	7.931	ng/ul#	90
80) Fluoranthene	19.421	202	552874	5.436	ng/ul	97
82) Pyrene	19.786	202	1740348	16.645	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.445	149	105951	1.646	ng/ul#	64
87) Chrysene	21.574	228	355029m	4.537	ng/ul	

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



#50
Acenaphthylene
Concen: 1.091 ng/ul
RT: 14.321 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BM043767.D
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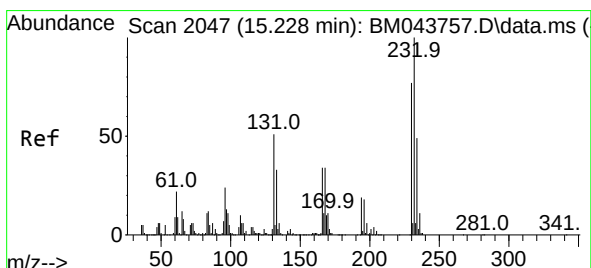
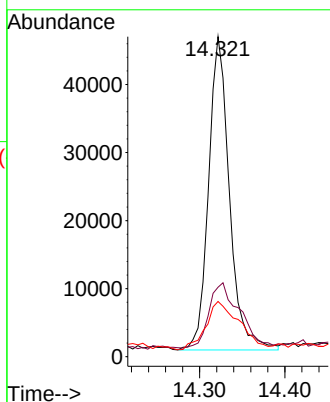
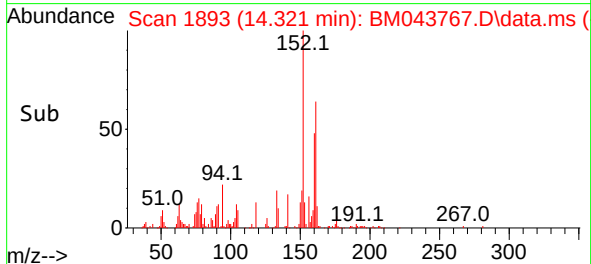
Instrument :
BNA_M
ClientSampleId :
GCFA8



Tgt Ion:152 Resp: 7865
Ion Ratio Lower Upper
152 100
151 21.7 15.6 23.4
153 17.2 10.2 15.4

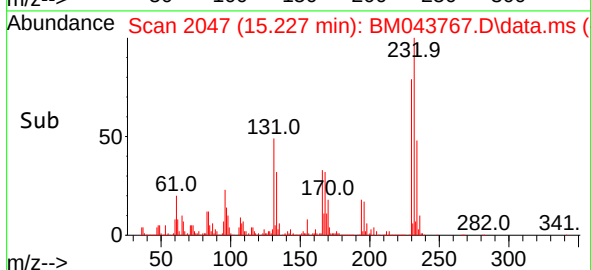
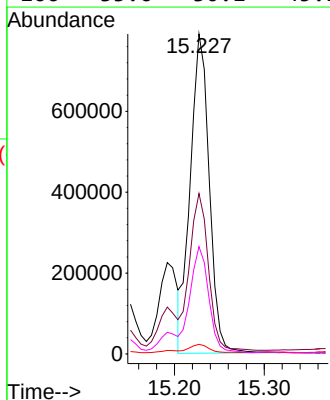
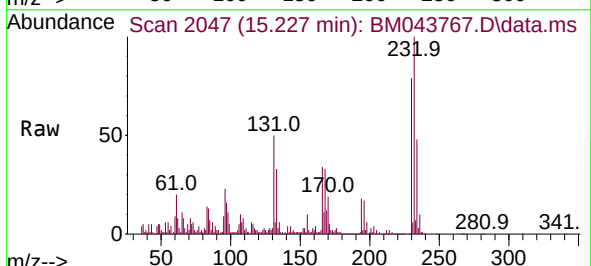
Manual Integrations
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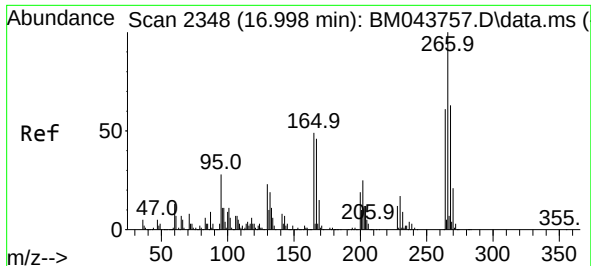
Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 112.066 ng/ul
RT: 15.227 min Scan# 2047
Delta R.T. 0.012 min
Lab File: BM043767.D
Acq: 05 Jan 2024 19:14

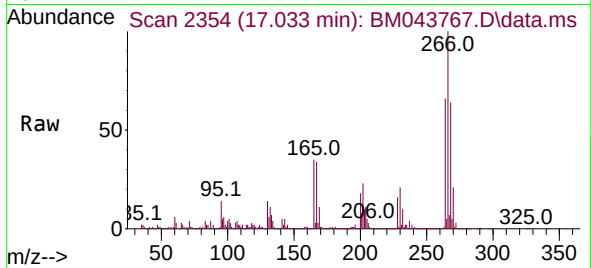
Tgt Ion:232 Resp: 1160661
Ion Ratio Lower Upper
232 100
131 50.2 47.4 71.0
130 3.0 2.4 3.6
166 33.6 30.1 45.1





#71
 Pentachlorophenol
 Concen: 3327.983 ng/ul m
 RT: 17.033 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BM043767.D
 Acq: 05 Jan 2024 19:14

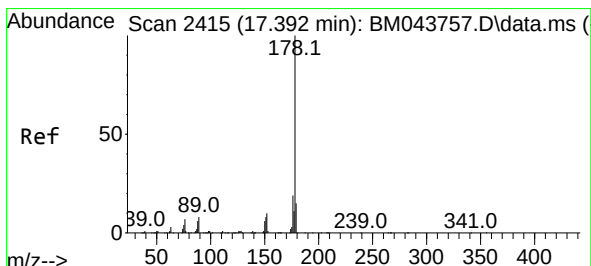
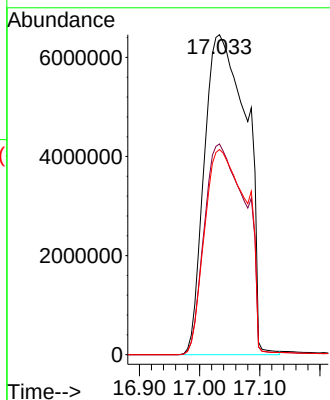
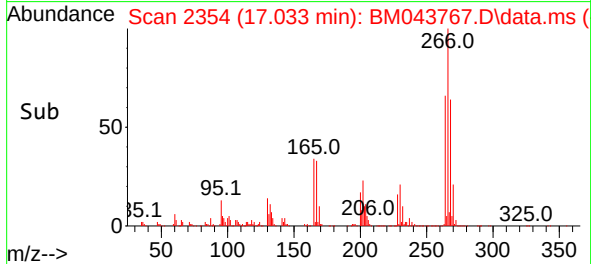
Instrument :
 BNA_M
 ClientSampleId :
 GCFA8



Tgt Ion:266 Resp:3127537
 Ion Ratio Lower Upper
 266 100
 264 65.9 49.9 74.9
 268 64.1 51.0 76.6

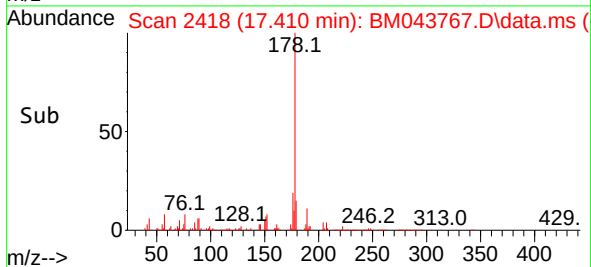
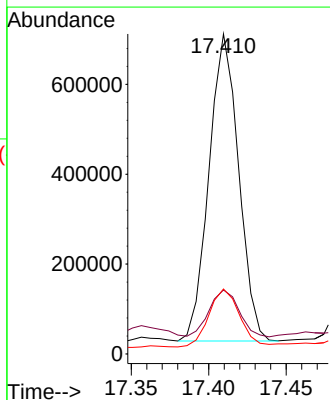
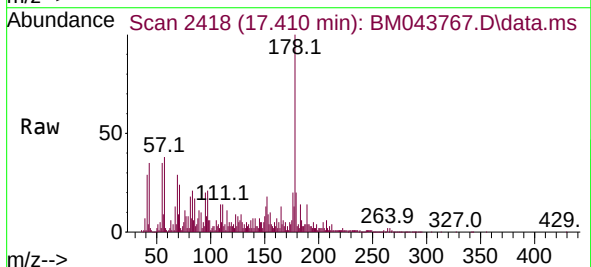
Manual Integrations
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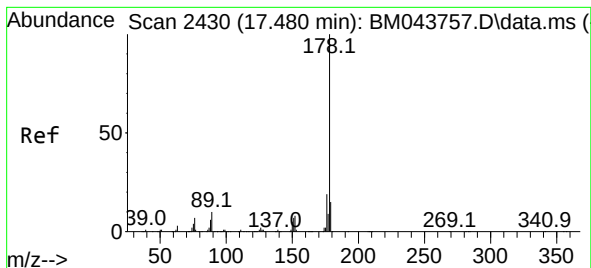
Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024



#72
 Phenanthrene
 Concen: 11.719 ng/ul
 RT: 17.410 min Scan# 2418
 Delta R.T. 0.029 min
 Lab File: BM043767.D
 Acq: 05 Jan 2024 19:14

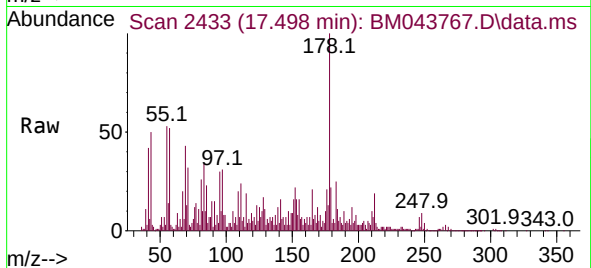
Tgt Ion:178 Resp: 909690
 Ion Ratio Lower Upper
 178 100
 179 20.0 12.2 18.4#
 176 20.3 15.5 23.3





#74
 Anthracene
 Concen: 7.931 ng/ul
 RT: 17.498 min Scan# 2430
 Delta R.T. 0.023 min
 Lab File: BM043767.D
 Acq: 05 Jan 2024 19:14

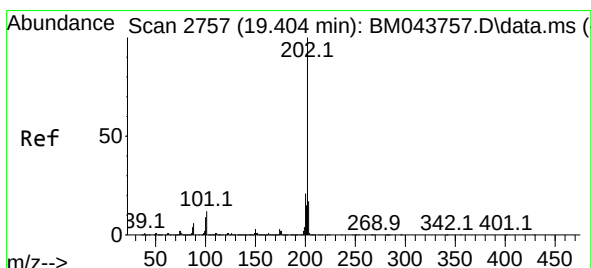
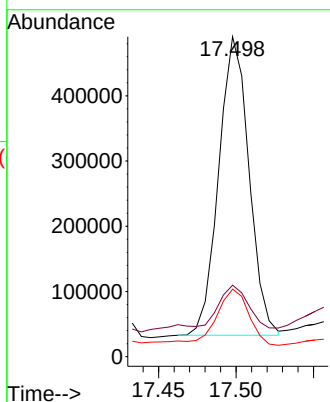
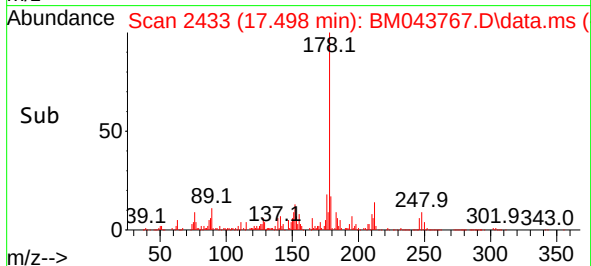
Instrument :
 BNA_M
 ClientSampleId :
 GCFA8



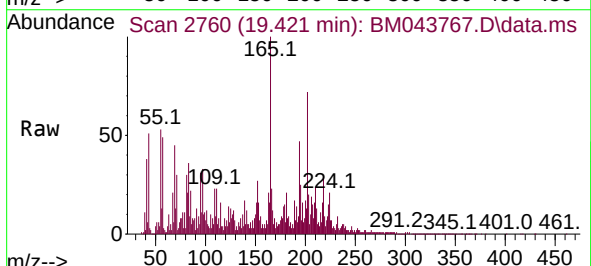
Tgt Ion:178 Resp: 621309
 Ion Ratio Lower Upper
 178 100
 179 22.4 12.4 18.6
 176 21.1 15.2 22.8

Manual Integrations
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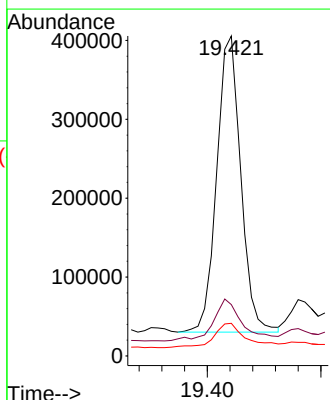
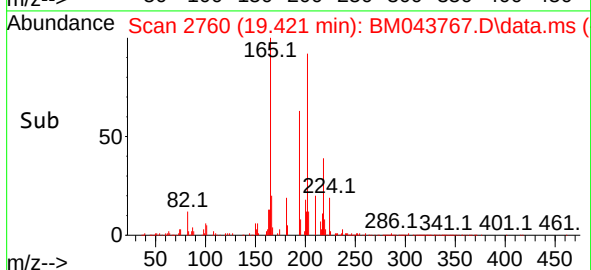
Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

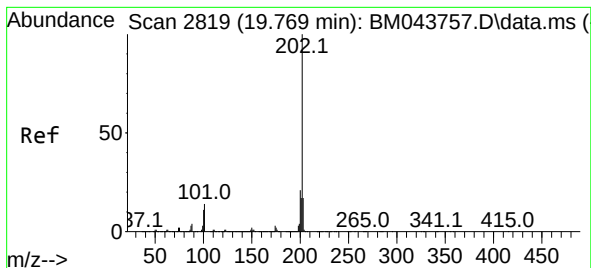


#80
 Fluoranthene
 Concen: 5.436 ng/ul
 RT: 19.421 min Scan# 2760
 Delta R.T. 0.029 min
 Lab File: BM043767.D
 Acq: 05 Jan 2024 19:14



Tgt Ion:202 Resp: 552874
 Ion Ratio Lower Upper
 202 100
 101 16.1 11.4 17.0
 100 10.2 8.2 12.4





#82

Pyrene

Concen: 16.645 ng/ul

RT: 19.786 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

Instrument :

BNA_M

ClientSampleId :

GCFA8

Tgt Ion:202 Resp: 174034

Ion Ratio Lower Upper

202 100

101 15.0 12.7 19.1

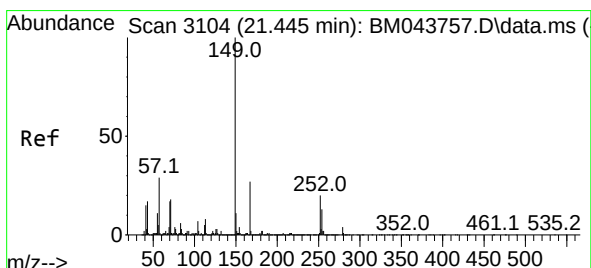
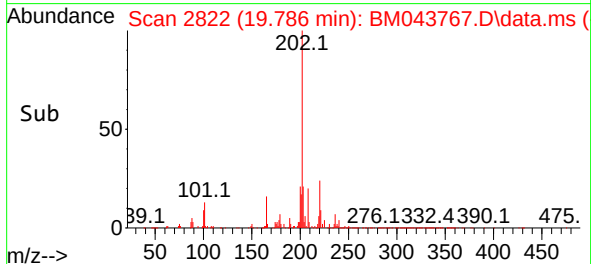
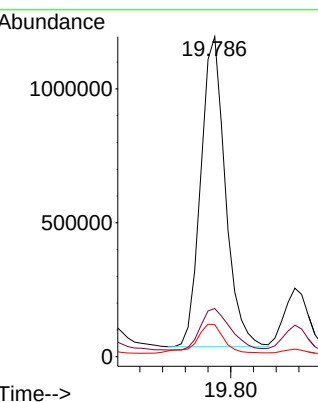
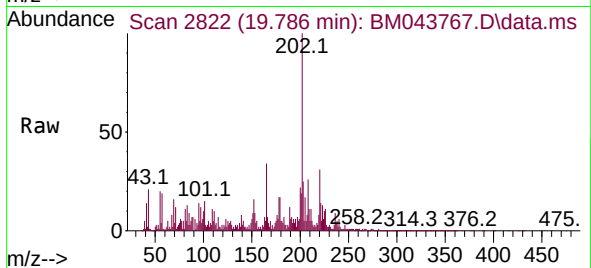
100 10.0 10.1 15.1

Manual Integrations

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Supervised By :mohammad ahmed 01/08/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.646 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BM043767.D

Acq: 05 Jan 2024 19:14

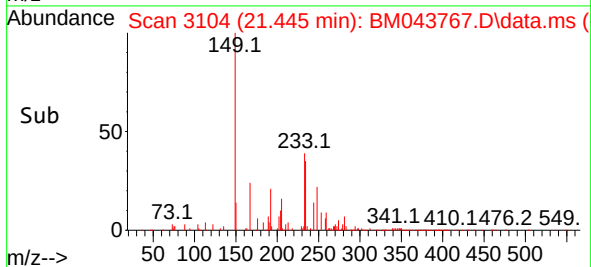
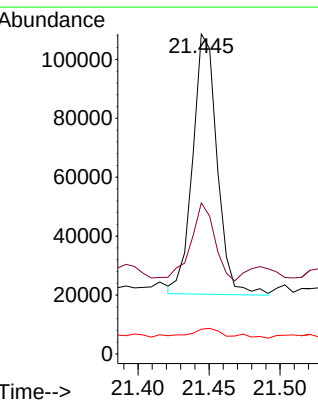
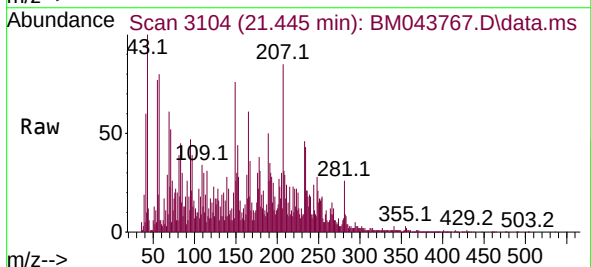
Tgt Ion:149 Resp: 105951

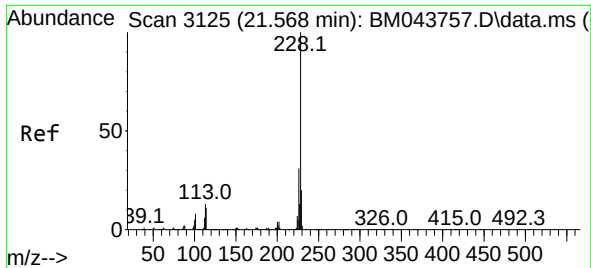
Ion Ratio Lower Upper

149 100

167 47.2 21.6 32.4#

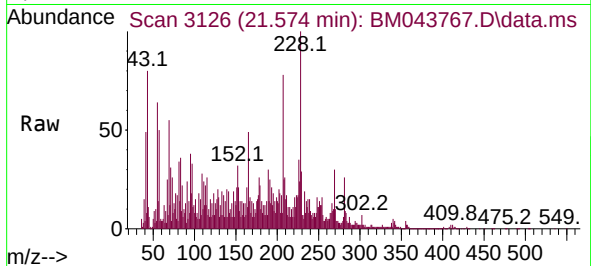
279 7.7 2.8 4.2#





#87
Chrysene
Concen: 4.537 ng/ul m
RT: 21.574 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM043767.D
Acq: 05 Jan 2024 19:14

Instrument :
BNA_M
ClientSampleId :
GCFA8



Tgt Ion:228 Resp: 355029
Ion Ratio Lower Upper
228 100
226 35.2 24.2 36.2
229 28.7 15.9 23.9

Manual Integrations
APPROVED

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