

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
 Data File : BM043768.D
 Acq On : 05 Jan 2024 19:50
 Operator : MA/JU
 Sample : 05953-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA9

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 22:49:33 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	252561	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1010794	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	587280	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1162362	20.000	ng/ul	0.04
79) Chrysene-d12	21.544	240	1035660	20.000	ng/ul	0.02
88) Perylene-d12	23.974	264	1127107	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	19784	2.546	ng/uL	0.00
4) Pyridine-d5	3.822	84	48835m	2.183	ng/ul	0.04
7) Phenol-d5	7.134	99	444916	15.486	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.292	67	267926	14.725	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	351895	16.041	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	333359	14.952	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128	174801	17.874	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	197354	19.531	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	329636	18.480	ng/ul	0.02
31) 4-Chloroaniline-d4	10.886	131	95	0.004	ng/ul	-0.02
46) Dimethylphthalate-d6	14.016	166	941854	17.815	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1171958	18.687	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	175487	17.538	ng/ul	0.05
60) Fluorene-d10	15.592	176	810551	18.541	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	153140	19.921	ng/ul	0.02
73) Anthracene-d10	17.474	188	1219567	18.708	ng/ul	0.04
81) Pyrene-d10	19.756	212	1377919	16.852	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.815	264	1257031	18.073	ng/ul	0.04
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.233	232	1822246	176.110	ng/ul#	85
71) Pentachlorophenol	17.039	266	30222882m	3168.746	ng/ul	
74) Anthracene	17.504	178	486691	6.121	ng/ul#	80
80) Fluoranthene	19.421	202	114595	1.132	ng/ul#	68
82) Pyrene	19.786	202	2579606	24.782	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.450	149	138932	2.168	ng/ul#	68
87) Chrysene	21.556	228	1267172	16.265	ng/ul	93
90) Benzo(b)fluoranthene	23.227	252	205981	2.385	ng/ul#	72

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

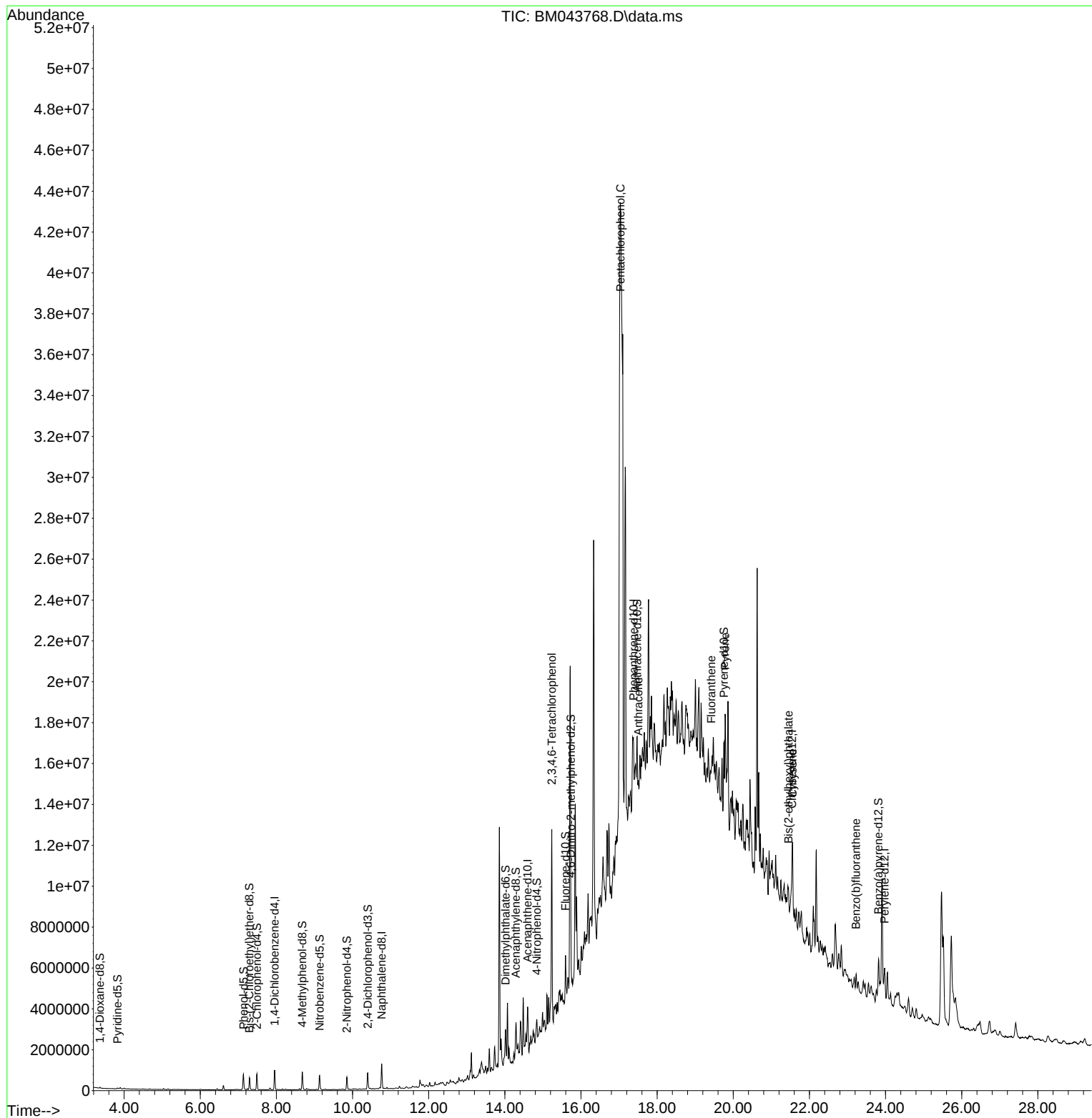
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
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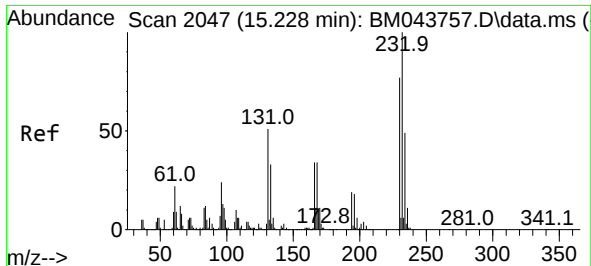
Instrument :
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Quant Time: Jan 05 22:49:33 2024
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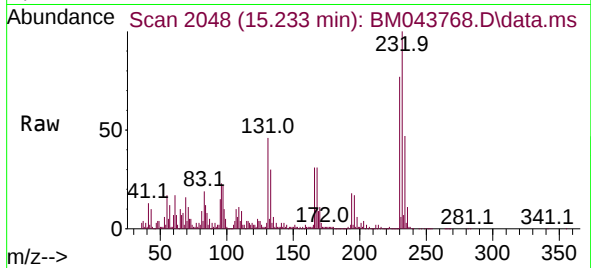
Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024





#58
2,3,4,6-Tetrachlorophenol
Concen: 176.110 ng/ul
RT: 15.233 min Scan# 2047
Delta R.T. 0.017 min
Lab File: BM043768.D
Acq: 05 Jan 2024 19:50

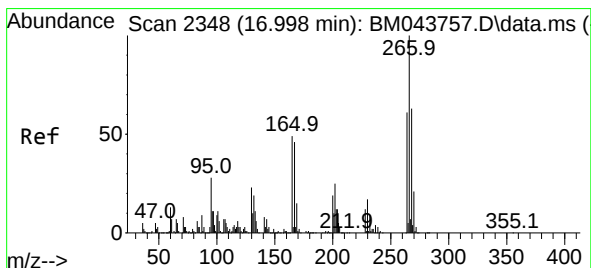
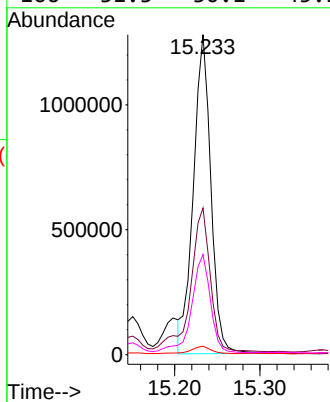
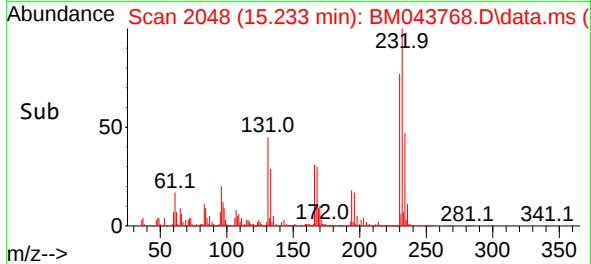
Instrument :
BNA_M
ClientSampleId :
GCFA9



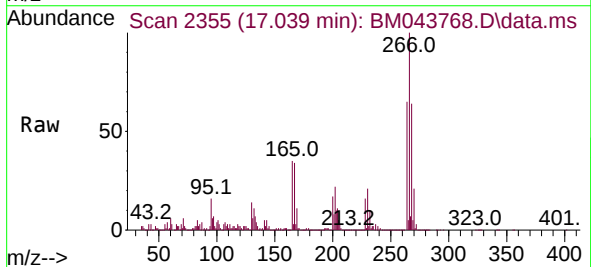
Tgt Ion:232 Resp: 1822240
Ion Ratio Lower Upper
232 100
131 45.9 47.4 71.0
130 2.7 2.4 3.6
166 31.3 30.1 45.1

Manual Integrations
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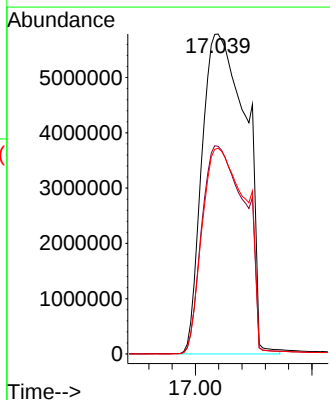
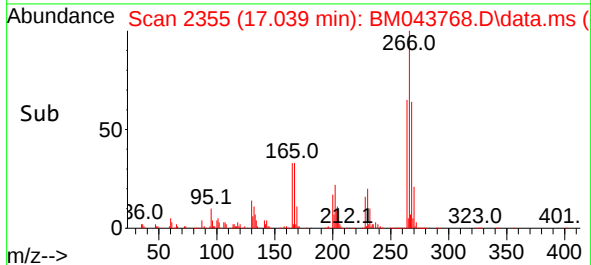
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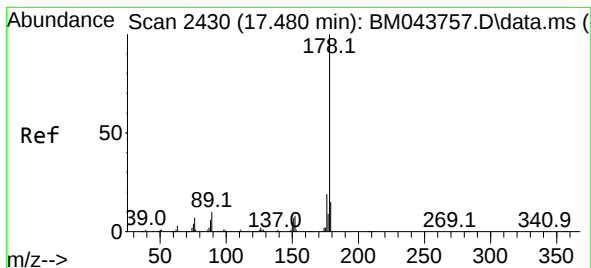


#71
Pentachlorophenol
Concen: 3168.746 ng/ul m
RT: 17.039 min Scan# 2355
Delta R.T. 0.059 min
Lab File: BM043768.D
Acq: 05 Jan 2024 19:50



Tgt Ion:266 Resp:30222882
Ion Ratio Lower Upper
266 100
264 64.9 49.9 74.9
268 64.3 51.0 76.6





#74

Anthracene

Concen: 6.121 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.029 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Instrument :

BNA_M

ClientSampleId :

GCFA9

Tgt Ion:178 Resp: 48669

Ion Ratio Lower Upper

178 100

179 31.0 12.4 18.6

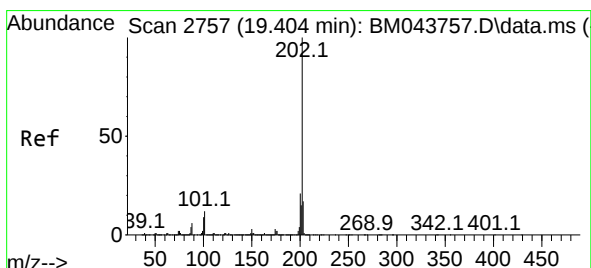
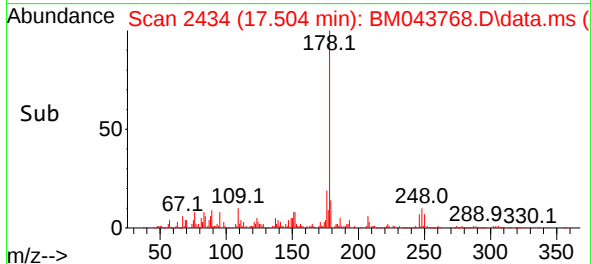
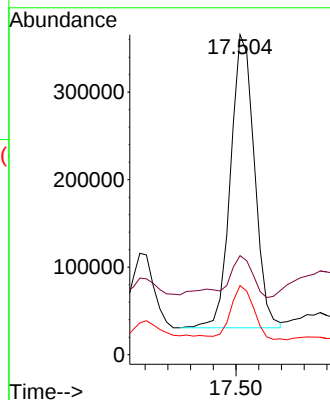
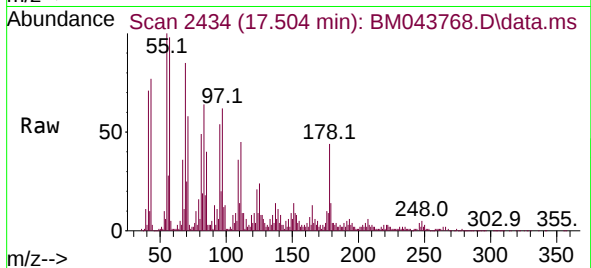
176 21.6 15.2 22.8

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#80

Fluoranthene

Concen: 1.132 ng/ul

RT: 19.421 min Scan# 2760

Delta R.T. 0.029 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

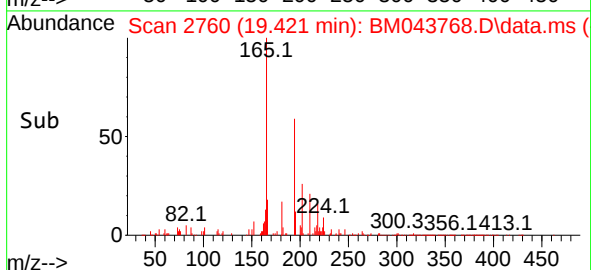
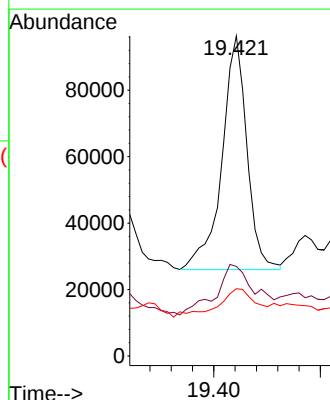
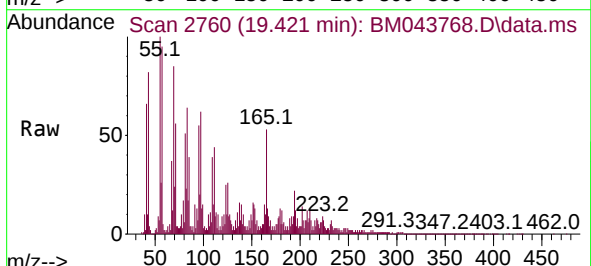
Tgt Ion:202 Resp: 114595

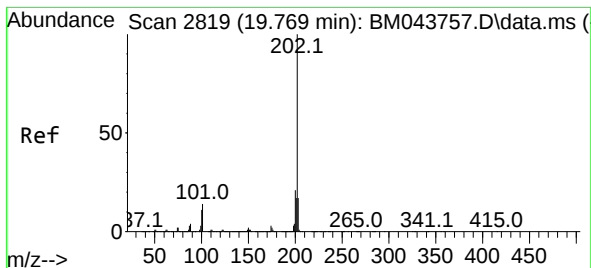
Ion Ratio Lower Upper

202 100

101 28.0 11.4 17.0#

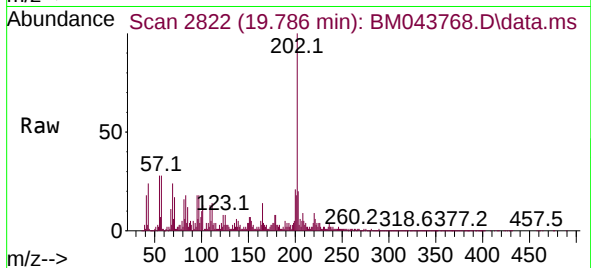
100 21.0 8.2 12.4#





#82
 Pyrene
 Concen: 24.782 ng/ul
 RT: 19.786 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BM043768.D
 Acq: 05 Jan 2024 19:50

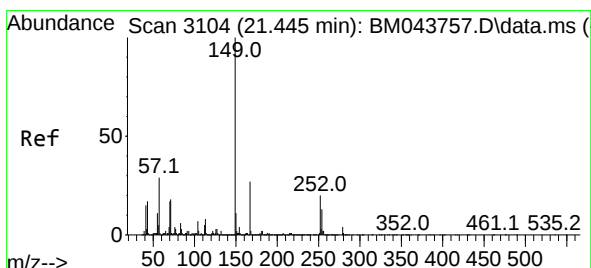
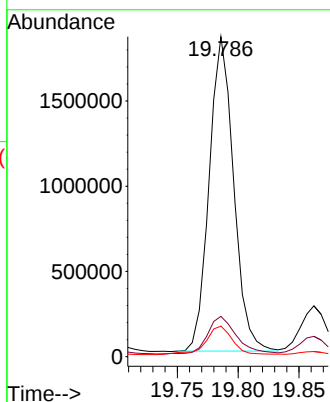
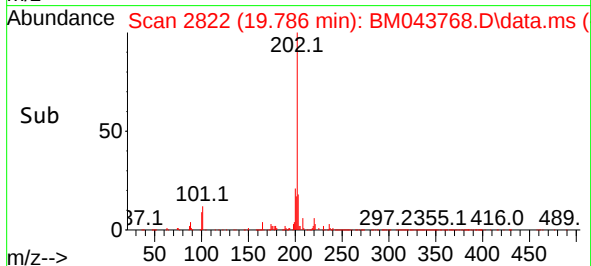
Instrument :
 BNA_M
 ClientSampleId :
 GCFA9



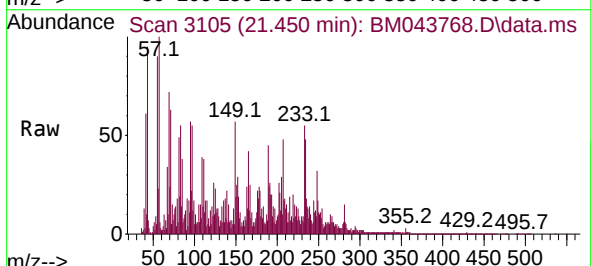
Tgt Ion:202 Resp: 2579600
 Ion Ratio Lower Upper
 202 100
 101 12.6 12.7 19.1#
 100 9.6 10.1 15.1#

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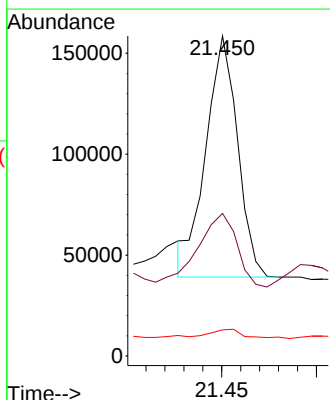
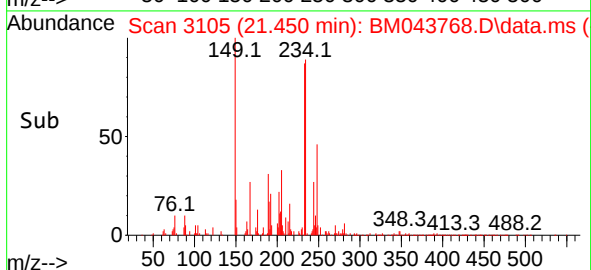
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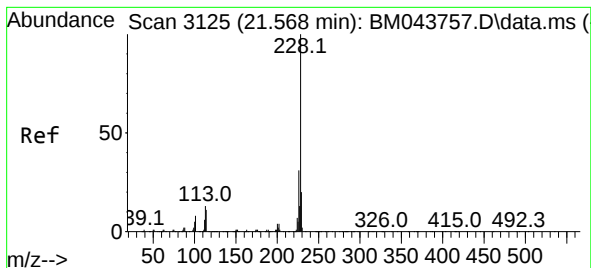


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.168 ng/ul
 RT: 21.450 min Scan# 3105
 Delta R.T. 0.006 min
 Lab File: BM043768.D
 Acq: 05 Jan 2024 19:50



Tgt Ion:149 Resp: 138932
 Ion Ratio Lower Upper
 149 100
 167 44.6 21.6 32.4#
 279 8.2 2.8 4.2#





#87

Chrysene

Concen: 16.265 ng/ul

RT: 21.556 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Instrument :

BNA_M

ClientSampleId :

GCFA9

Tgt Ion:228 Resp: 126717

Ion Ratio Lower Upper

228 100

226 33.7 24.2 36.2

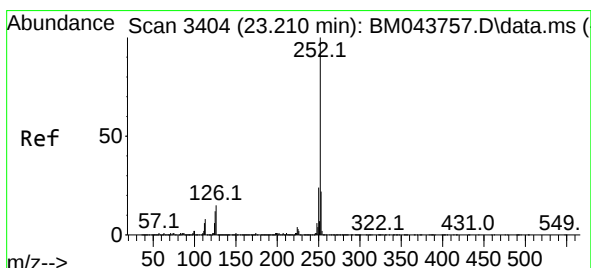
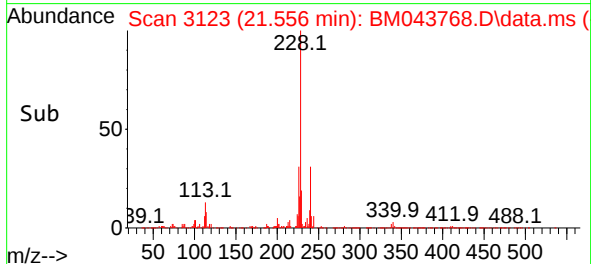
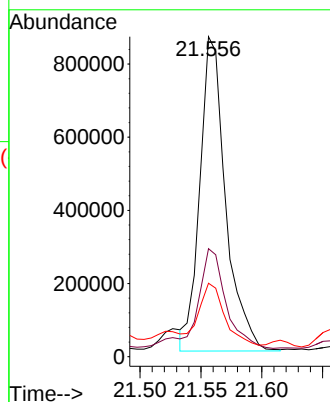
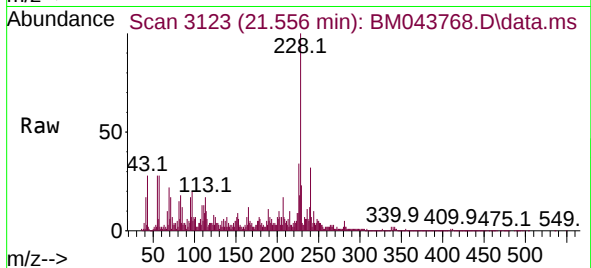
229 23.0 15.9 23.9

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 2.385 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. 0.029 min

Lab File: BM043768.D

Acq: 05 Jan 2024 19:50

Tgt Ion:252 Resp: 205981

Ion Ratio Lower Upper

252 100

253 27.7 17.4 26.2#

125 34.9 10.4 15.6#

