

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043737.D
 Acq On : 03 Jan 2024 17:32
 Operator : MA/JU
 Sample : 05919-14DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF46DL

Manual Integrations
 APPROVED

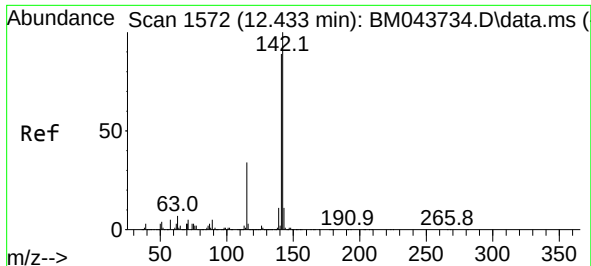
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 03:43:45 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)

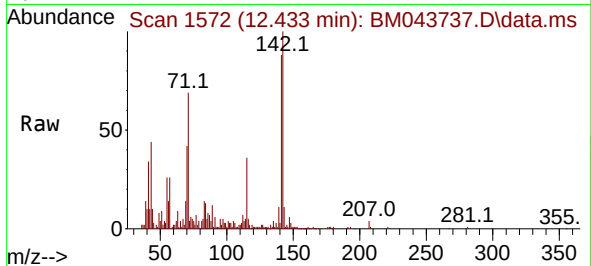
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	333454	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1382951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	870385	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.368	188	1780745	20.000	ng/u1	0.03
79) Chrysene-d12	21.544	240	1449063	20.000	ng/u1	0.02
88) Perylene-d12	23.968	264	1558934	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.145	99	25654	0.676	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.304	67	19209	0.800	ng/u1	0.00
11) 2-Chlorophenol-d4	7.498	132	22752	0.786	ng/u1	0.01
15) 4-Methylphenol-d8	8.692	113	20895	0.710	ng/u1	0.02
21) Nitrobenzene-d5	9.145	128	10654	0.796	ng/u1	0.02
24) 2-Nitrophenol-d4	9.857	143	12891	0.932	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	21345	0.875	ng/u1	0.03
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.021	166	73455	0.937	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	96399	1.037	ng/u1	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.598	176	70003	1.080	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.468	188	114779m	1.149	ng/u1	0.03
81) Pyrene-d10	19.756	212	166161	1.452	ng/u1	0.03
92) Benzo(a)pyrene-d12	23.809	264	85046	0.884	ng/u1	0.04
Target Compounds						
36) 2-Methylnaphthalene	12.433	142	88878	1.481	ng/u1	99
37) 1-Methylnaphthalene	12.645	142	80819	1.336	ng/u1#	95
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1774475	115.712	ng/u1	88
71) Pentachlorophenol	17.039	266	27332221m	1870.536	ng/u1	
72) Phenanthrene	17.415	178	3227038	26.738	ng/u1	97
82) Pyrene	19.786	202	369008	2.534	ng/u1	96
83) Butylbenzylphthalate	20.680	149	141105	2.241	ng/u1#	59
86) Bis(2-ethylhexyl)phtha...	21.450	149	475002	5.299	ng/u1#	90

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



#36
2-Methylnaphthalene
Concen: 1.481 ng/ul
RT: 12.433 min Scan# 1572
Delta R.T. 0.012 min
Lab File: BM043737.D
Acq: 03 Jan 2024 17:32

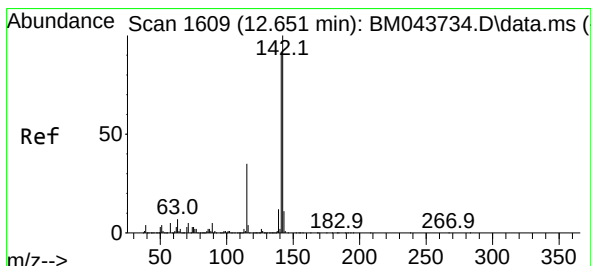
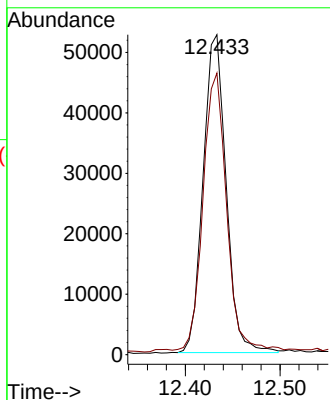
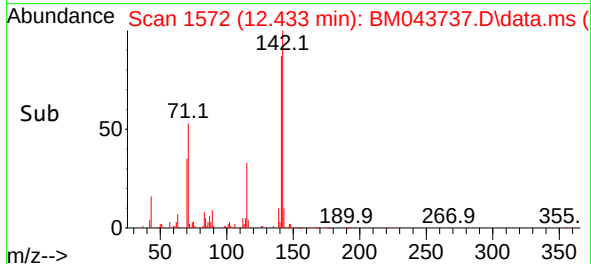
Instrument :
BNA_M
ClientSampleId :
GCF46DL



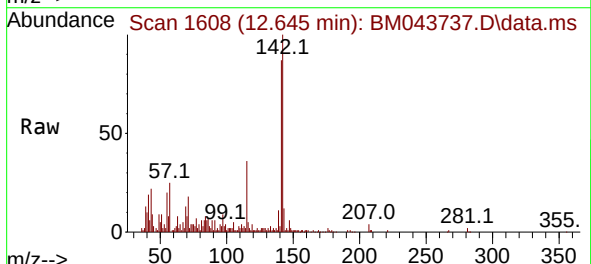
Tgt Ion:142 Resp: 88878
Ion Ratio Lower Upper
142 100
141 88.0 69.9 104.9

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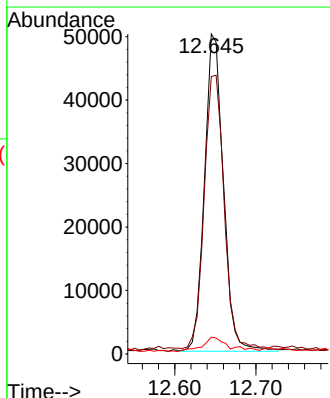
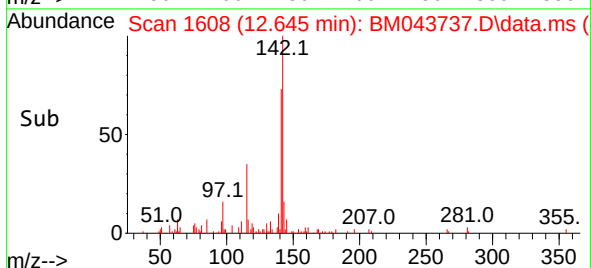
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

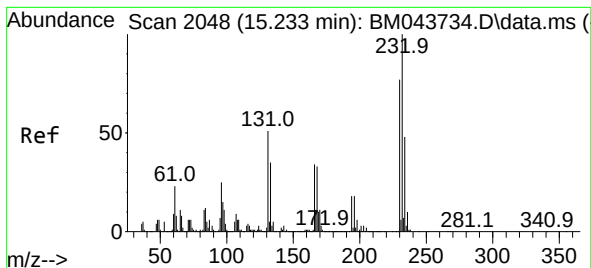


#37
1-Methylnaphthalene
Concen: 1.336 ng/ul
RT: 12.645 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BM043737.D
Acq: 03 Jan 2024 17:32



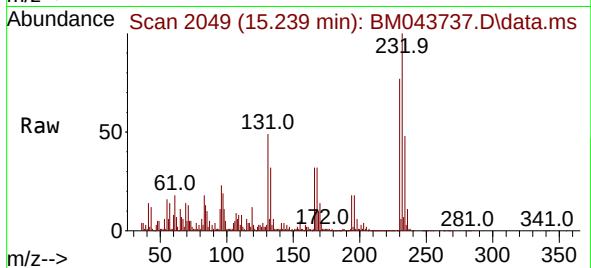
Tgt Ion:142 Resp: 80819
Ion Ratio Lower Upper
142 100
141 86.7 73.0 109.4
116 5.3 3.0 4.6#





#58
2,3,4,6-Tetrachlorophenol
Concen: 115.712 ng/ul
RT: 15.239 min Scan# 2048
Delta R.T. 0.023 min
Lab File: BM043737.D
Acq: 03 Jan 2024 17:32

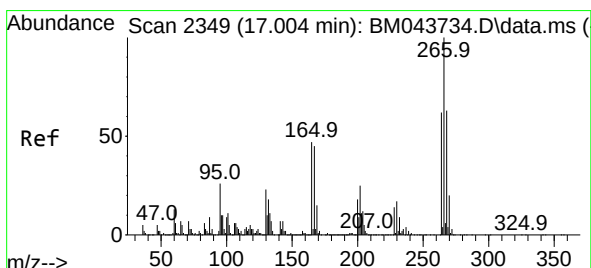
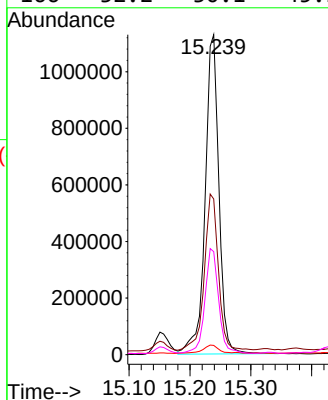
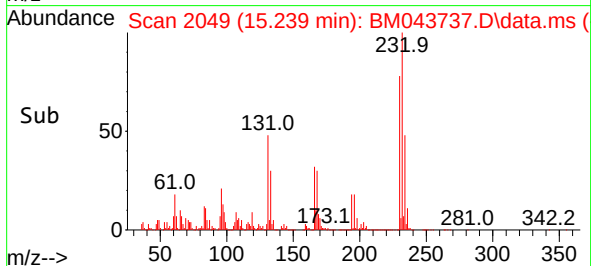
Instrument :
BNA_M
ClientSampleId :
GCF46DL



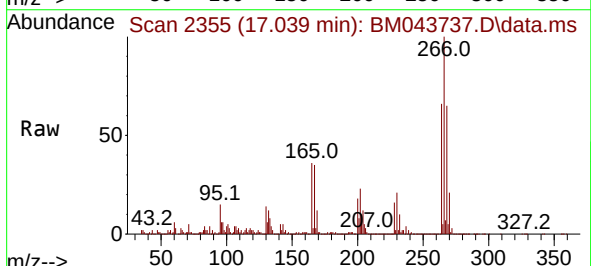
Tgt Ion:232 Resp: 1774475
Ion Ratio Lower Upper
232 100
131 48.6 47.4 71.0
130 2.9 2.4 3.6
166 32.2 30.1 45.1

Manual Integrations
APPROVED

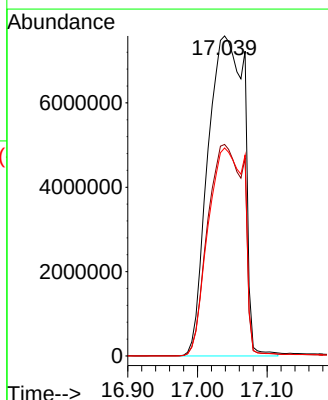
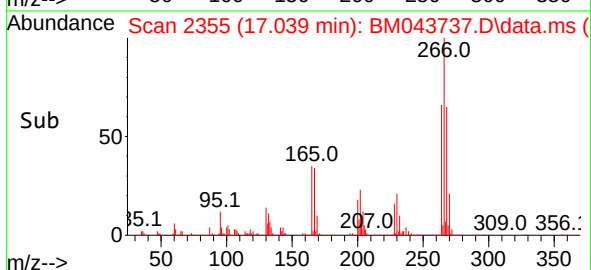
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

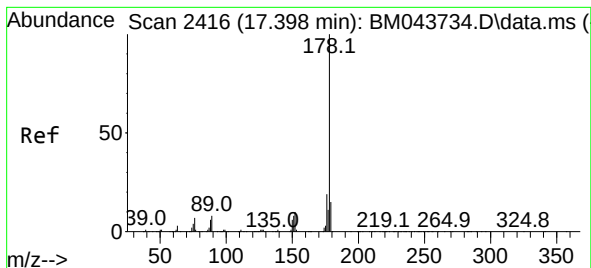


#71
Pentachlorophenol
Concen: 1870.536 ng/ul m
RT: 17.039 min Scan# 2355
Delta R.T. 0.059 min
Lab File: BM043737.D
Acq: 03 Jan 2024 17:32



Tgt Ion:266 Resp:27332221
Ion Ratio Lower Upper
266 100
264 66.1 49.9 74.9
268 65.0 51.0 76.6





#72

Phenanthrene

Concen: 26.738 ng/ul

RT: 17.415 min Scan# 2416

Delta R.T. 0.035 min

Lab File: BM043737.D

Acq: 03 Jan 2024 17:32

Instrument :

BNA_M

ClientSampleId :

GCF46DL

Tgt Ion:178 Resp: 3227038

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.4

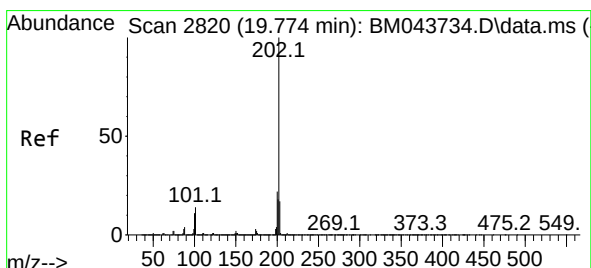
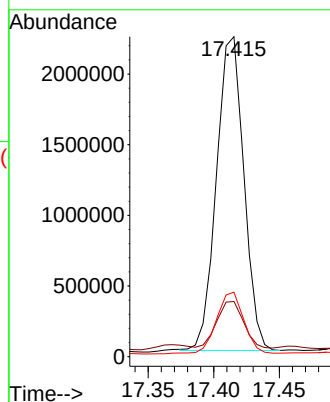
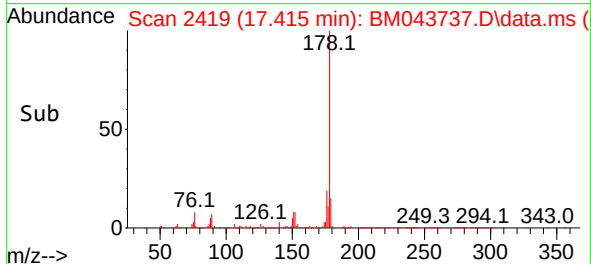
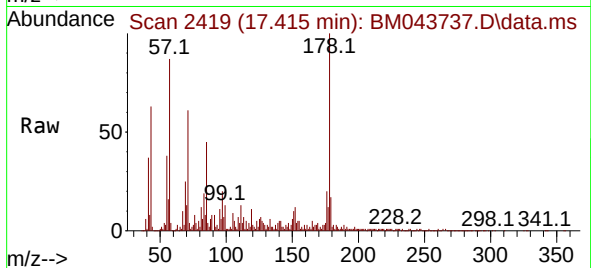
176 20.2 15.5 23.3

Manual Integrations

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#82

Pyrene

Concen: 2.534 ng/ul

RT: 19.786 min Scan# 2822

Delta R.T. 0.029 min

Lab File: BM043737.D

Acq: 03 Jan 2024 17:32

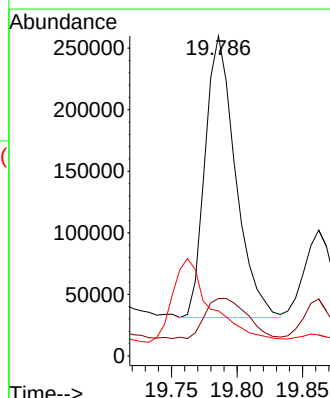
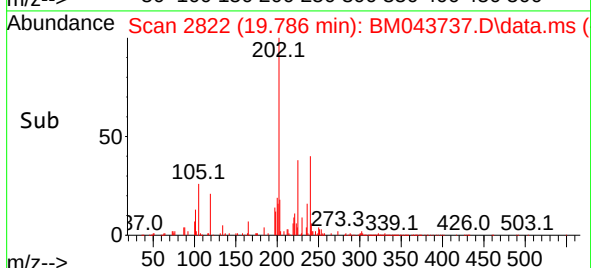
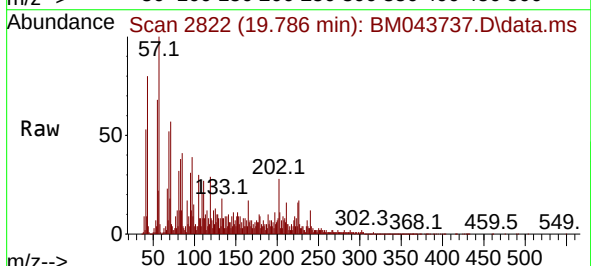
Tgt Ion:202 Resp: 369008

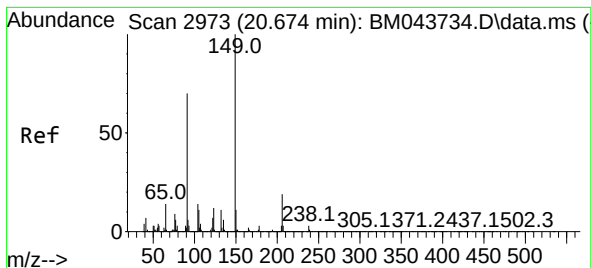
Ion Ratio Lower Upper

202 100

101 18.0 12.7 19.1

100 14.1 10.1 15.1





#83

Butylbenzylphthalate

Concen: 2.241 ng/ul

RT: 20.680 min Scan# 2973

Delta R.T. 0.012 min

Lab File: BM043737.D

Acq: 03 Jan 2024 17:32

Instrument :

BNA_M

ClientSampleId :

GCF46DL

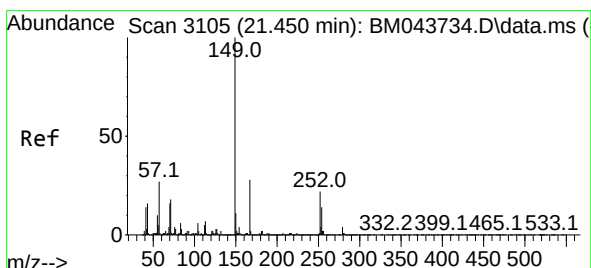
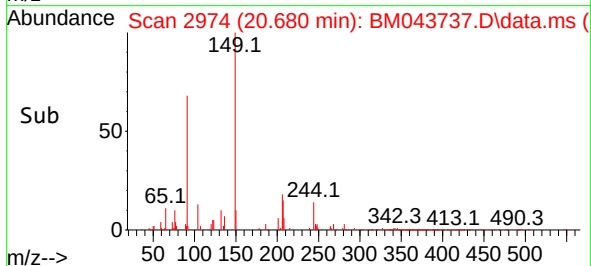
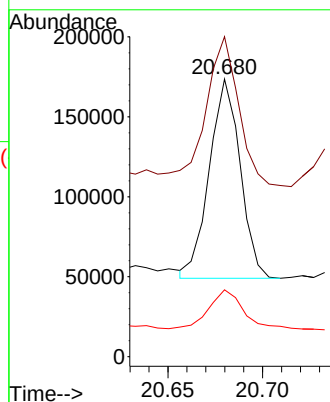
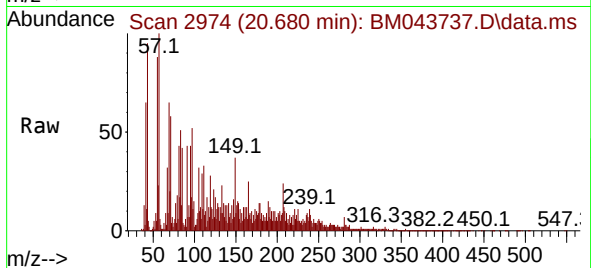
Tgt Ion:	149	Resp:	141100
Ion Ratio	Lower	Upper	
149	100		
91	115.3	60.5	90.7
206	24.1	13.9	20.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/05/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.299 ng/ul

RT: 21.450 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM043737.D

Acq: 03 Jan 2024 17:32

Tgt Ion:	149	Resp:	475002
Ion Ratio	Lower	Upper	
149	100		
167	32.2	21.6	32.4
279	5.3	2.8	4.2

