

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047714.D
 Acq On : 30 Sep 2024 12:38
 Operator : RC/JU
 Sample : P3910-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC36

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 30 13:29:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	264927	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	974237	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.451	164	653517	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1213462	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	1150478	20.000	ng/u1	0.00
88) Perylene-d12	24.415	264	1395003	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	18811	2.295	ng/uL	0.00
4) Pyridine-d5	3.675	84	278522	11.603	ng/u1	0.00
7) Phenol-d5	6.987	99	195913	7.820	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.145	67	252986	14.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	112507	6.173	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	219182	11.768	ng/u1	0.01
21) Nitrobenzene-d5	8.969	128	133343	17.190	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	188699m	25.385	ng/u1	0.04
28) 2,4-Dichlorophenol-d3	10.245	165	88978	5.992	ng/u1	0.02
31) 4-Chloroaniline-d4	10.745	131	530821	23.122	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	769449	16.240	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	945876	16.837	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	370943m	39.322	ng/u1	-0.03
60) Fluorene-d10	15.445	176	698650	17.024	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	9273	1.306	ng/u1	0.00
73) Anthracene-d10	17.286	188	1041572	17.456	ng/u1	0.00
81) Pyrene-d10	19.568	212	1232393	18.874	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.209	264	1313867	18.153	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.663	128	1296286	23.132	ng/u1	98
33) Hexachlorobutadiene	10.957	225	11038	1.090	ng/u1	93
36) 2-Methylnaphthalene	12.275	142	2118218	59.490	ng/u1	97
37) 1-Methylnaphthalene	12.492	142	1383255	38.184	ng/u1	97
43) 1,1'-Biphenyl	13.280	154	299170	5.718	ng/u1	95
52) Acenaphthene	14.516	153	91489	2.043	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	15.080	232	224318	21.142	ng/u1#	83
61) Fluorene	15.498	166	228273	4.539	ng/u1#	90
71) Pentachlorophenol	16.851	266	1856921	200.620	ng/u1	99
72) Phenanthrene	17.227	178	993048	13.955	ng/u1#	96
80) Fluoranthene	19.239	202	153282	1.993	ng/u1#	87
82) Pyrene	19.598	202	175768	2.054	ng/u1#	86
86) Bis(2-ethylhexyl)phtha...	21.315	149	114381	2.518	ng/u1#	82

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

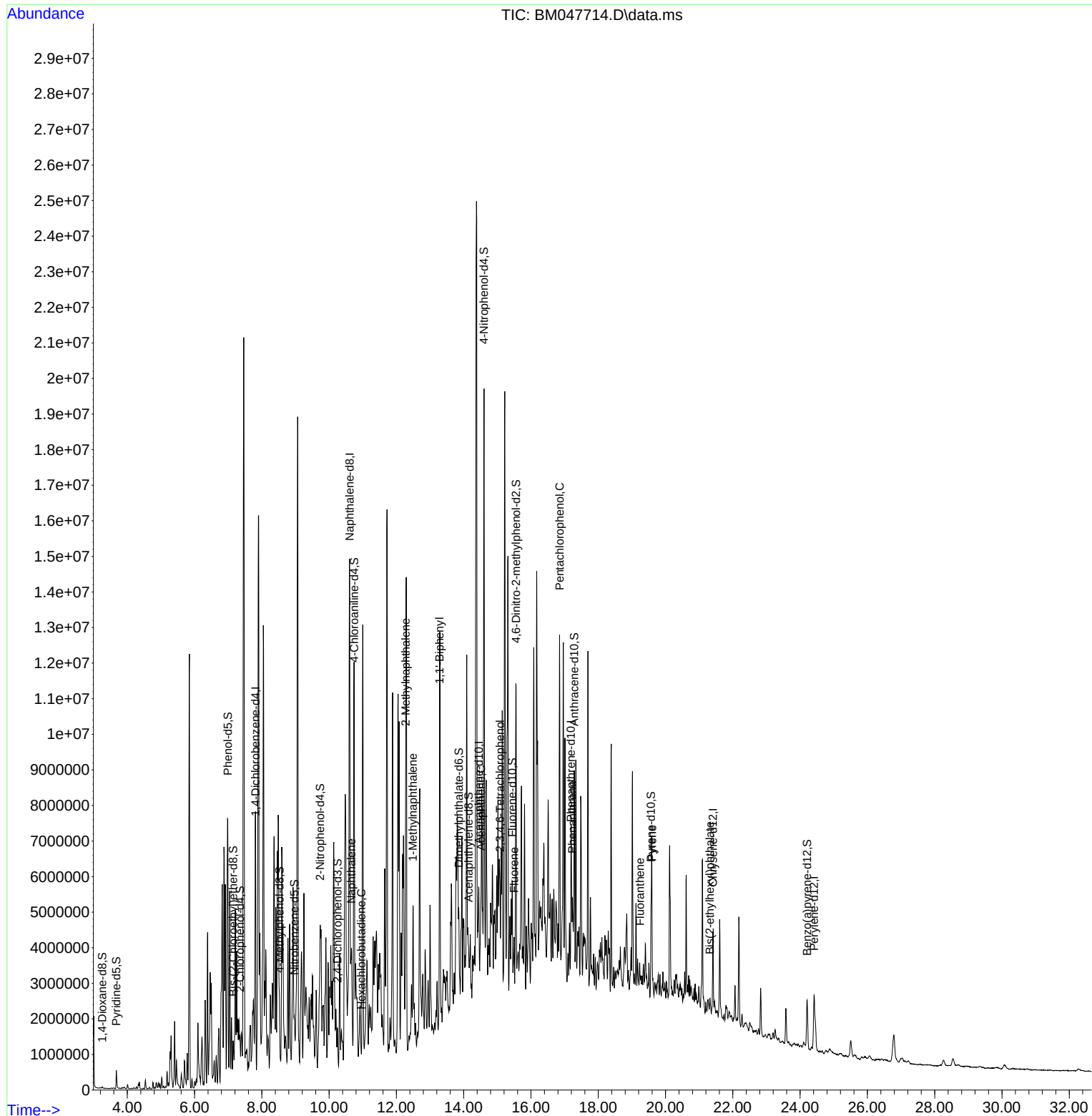
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047714.D
Acq On : 30 Sep 2024 12:38
Operator : RC/JU
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ALS Vial : 5 Sample Multiplier: 1

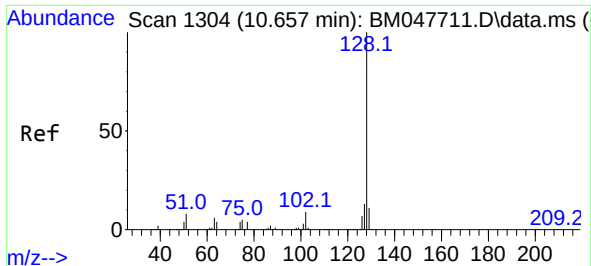
Instrument :
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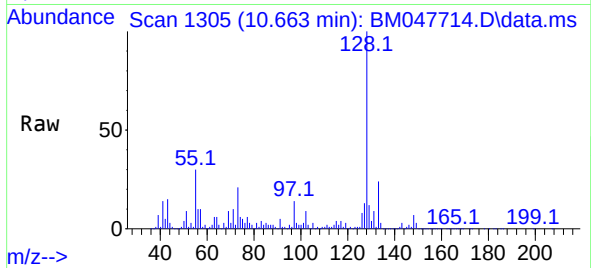
Quant Time: Sep 30 13:29:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 23.132 ng/u1
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38

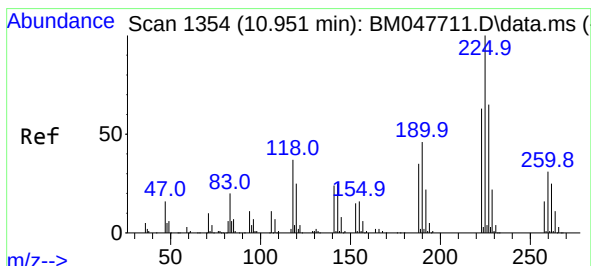
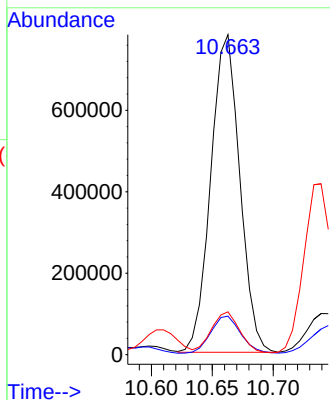
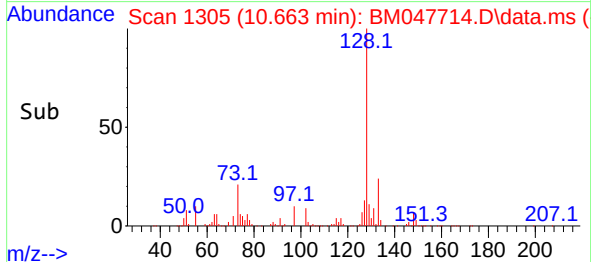
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Tgt Ion:128 Resp: 1296280
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 13.4 10.4 15.6

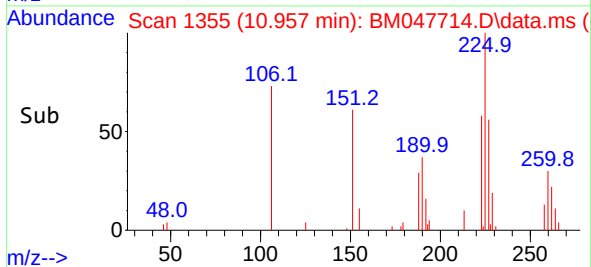
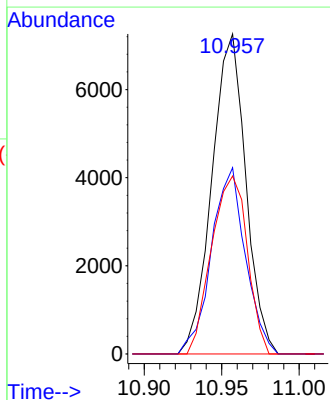
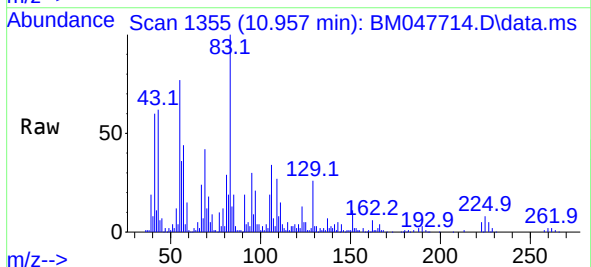
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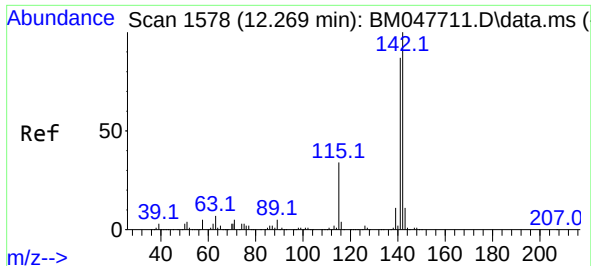
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#33
Hexachlorobutadiene
Concen: 1.090 ng/u1
RT: 10.957 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38

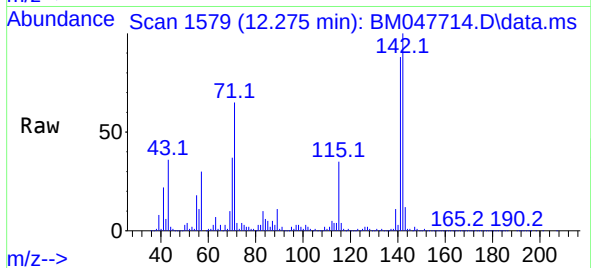
Tgt Ion:225 Resp: 11038
Ion Ratio Lower Upper
225 100
223 58.2 50.3 75.5
227 55.6 49.1 73.7





#36
2-Methylnaphthalene
Concen: 59.490 ng/ul
RT: 12.275 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38

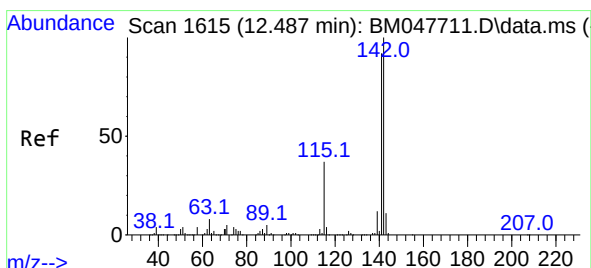
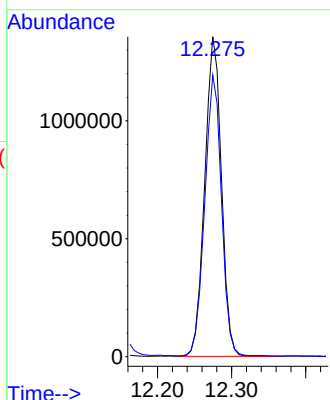
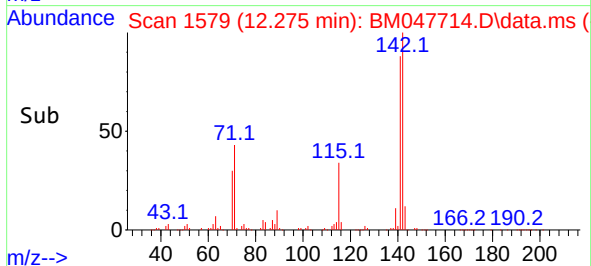
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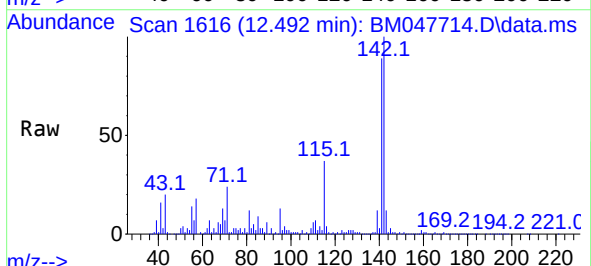
Tgt Ion:142 Resp: 2118218
Ion Ratio Lower Upper
142 100
141 88.0 72.5 108.7

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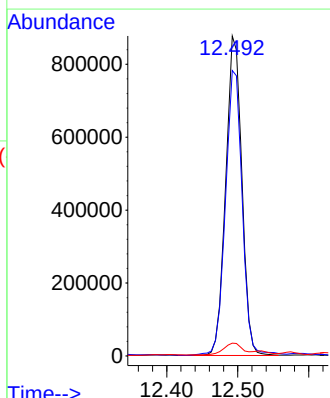
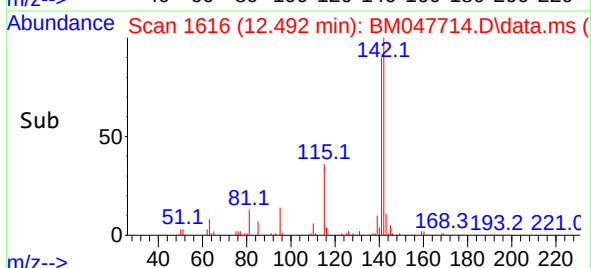
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

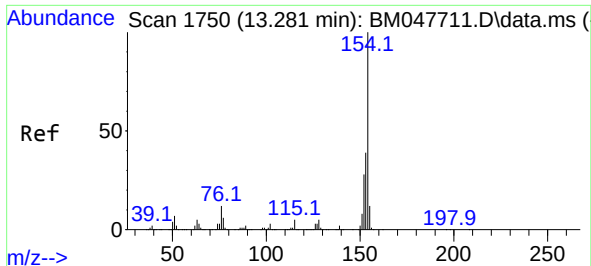


#37
1-Methylnaphthalene
Concen: 38.184 ng/ul
RT: 12.492 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38



Tgt Ion:142 Resp: 1383255
Ion Ratio Lower Upper
142 100
141 89.2 73.4 110.2
116 4.0 3.0 4.6





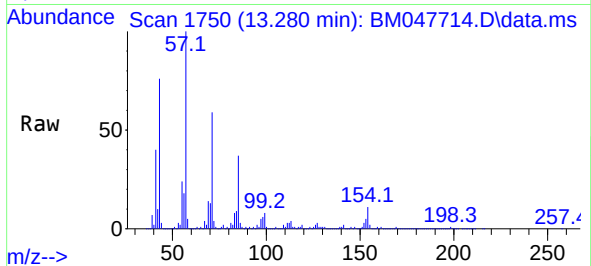
#43
1,1'-Biphenyl
Concen: 5.718 ng/u1
RT: 13.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38

Instrument :

BNA_M

ClientSampleId :

DDC36

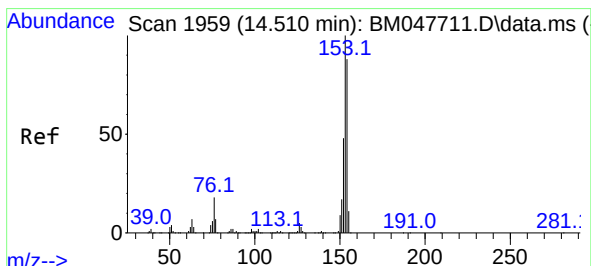
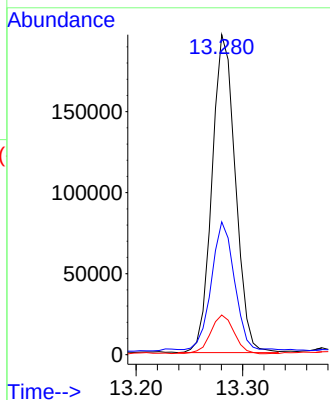
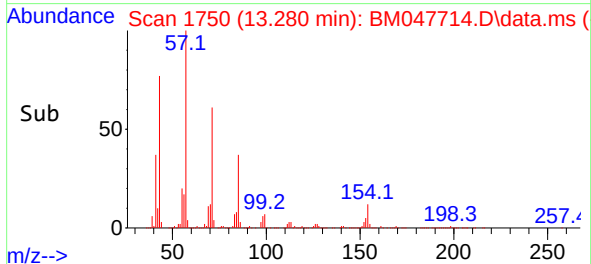


Tgt Ion:154 Resp: 299170
Ion Ratio Lower Upper
154 100
153 41.5 31.1 46.7
76 12.4 12.1 18.1

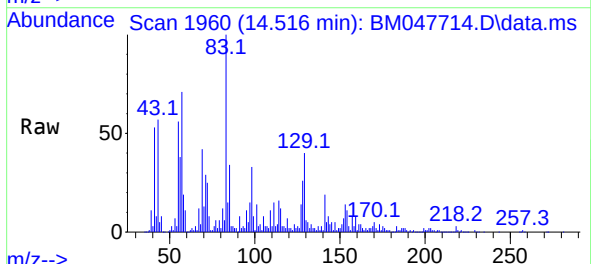
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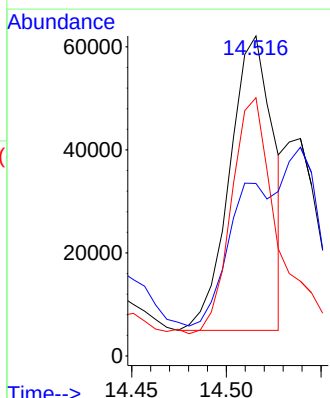
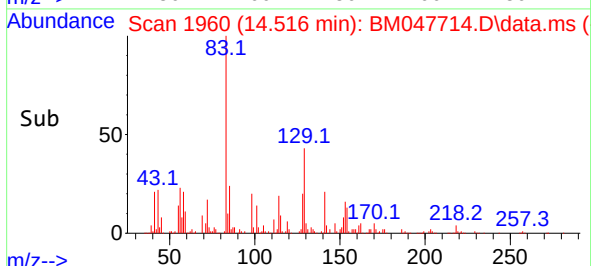
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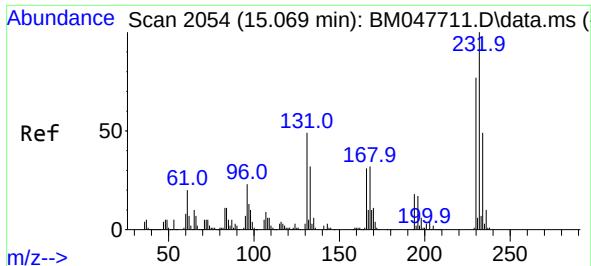


#52
Acenaphthene
Concen: 2.043 ng/u1
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38



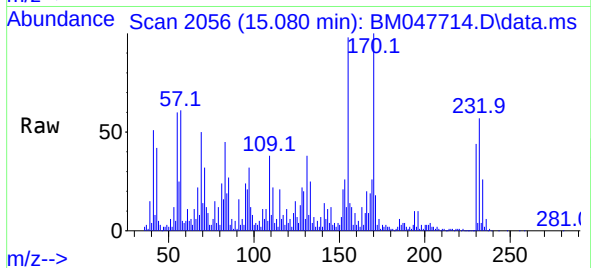
Tgt Ion:153 Resp: 91489
Ion Ratio Lower Upper
153 100
152 53.9 39.7 59.5
154 80.7 72.6 108.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 21.142 ng/ul
RT: 15.080 min Scan# 2056
Delta R.T. 0.012 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38

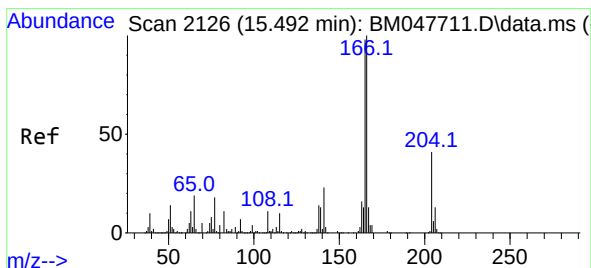
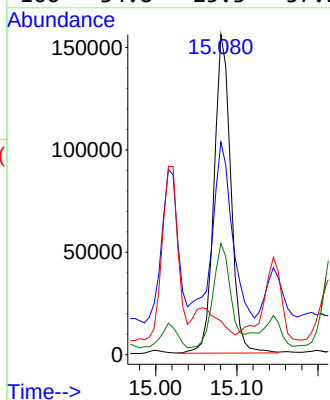
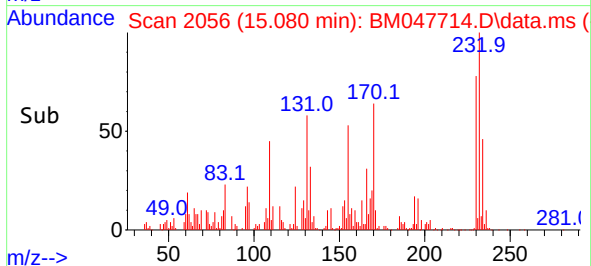
Instrument :
BNA_M
ClientSampleId :
DDC36



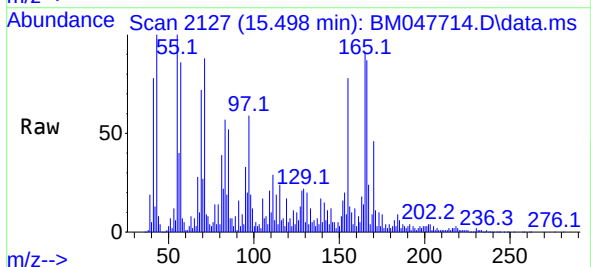
Tgt Ion:232 Resp: 224318
Ion Ratio Lower Upper
232 100
131 66.4 40.2 60.4
130 10.5 2.6 4.0
166 34.8 25.3 37.9

Manual Integrations
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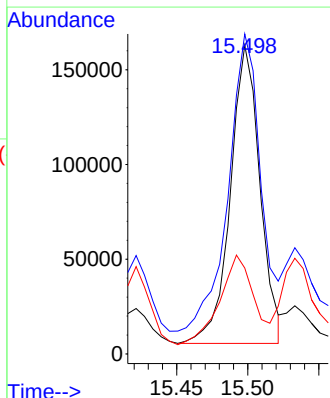
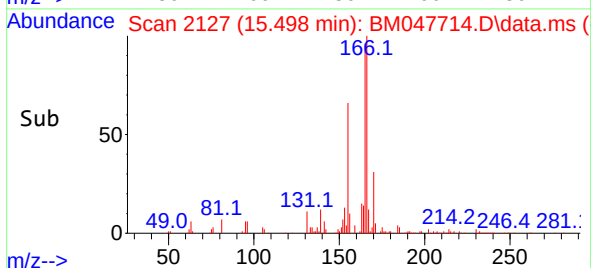
Reviewed By :Yogesh Patel 10/01/2024
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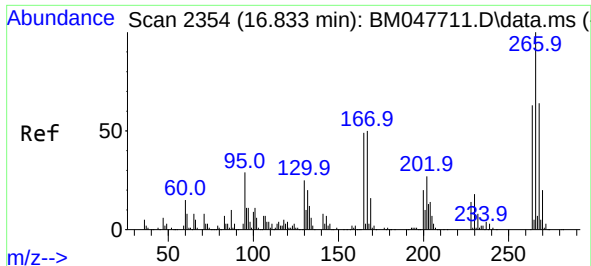


#61
Fluorene
Concen: 4.539 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38



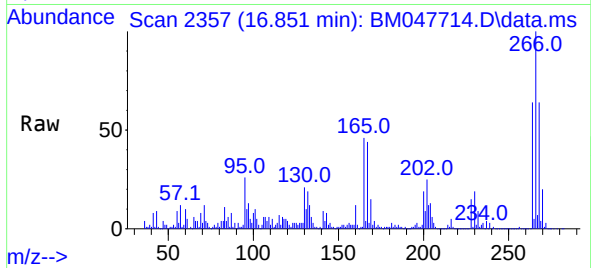
Tgt Ion:166 Resp: 228273
Ion Ratio Lower Upper
166 100
165 103.7 77.8 116.6
167 27.9 10.8 16.2





#71
 Pentachlorophenol
 Concen: 200.620 ng/u1
 RT: 16.851 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BM047714.D
 Acq: 30 Sep 2024 12:38

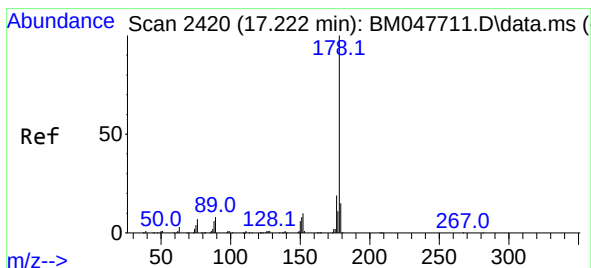
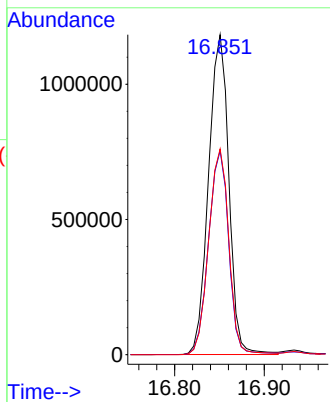
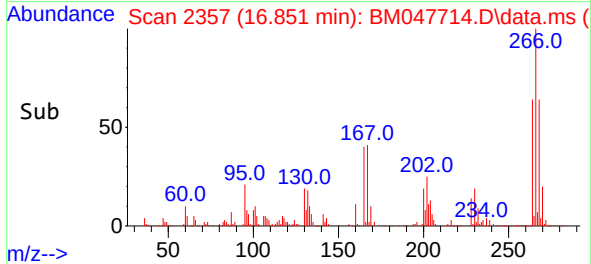
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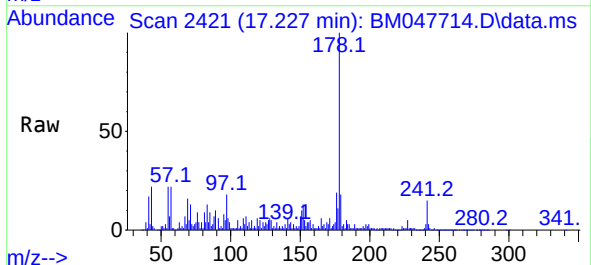
Tgt Ion:266 Resp: 185692
 Ion Ratio Lower Upper
 266 100
 264 63.7 50.2 75.2
 268 64.3 50.9 76.3

Manual Integrations
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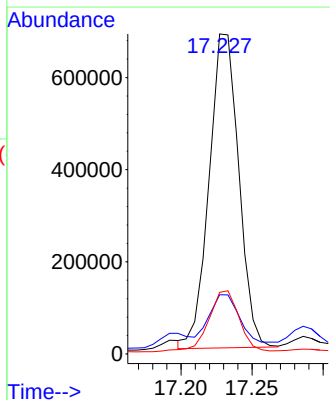
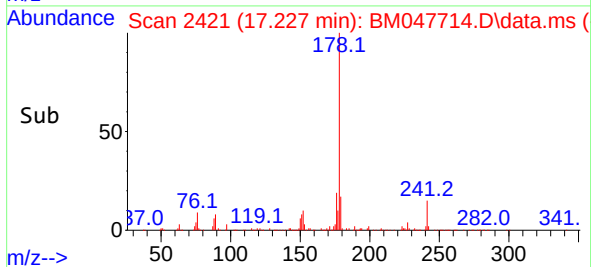
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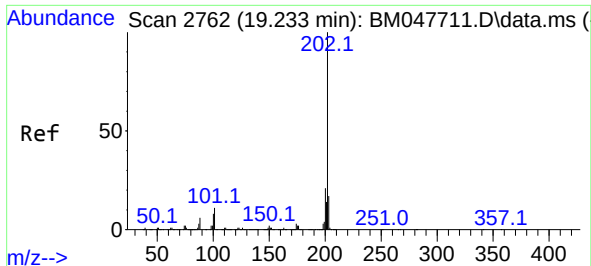


#72
 Phenanthrene
 Concen: 13.955 ng/u1
 RT: 17.227 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BM047714.D
 Acq: 30 Sep 2024 12:38



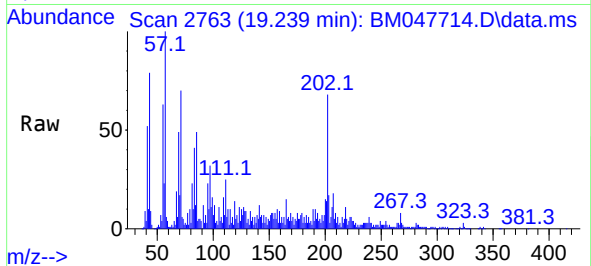
Tgt Ion:178 Resp: 993048
 Ion Ratio Lower Upper
 178 100
 179 18.5 12.0 18.0#
 176 19.3 15.4 23.0





#80
Fluoranthene
Concen: 1.993 ng/u1
RT: 19.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38

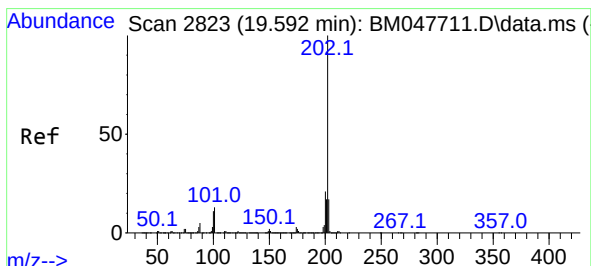
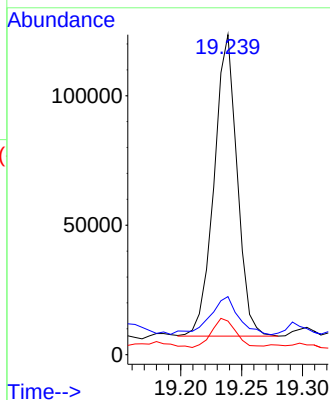
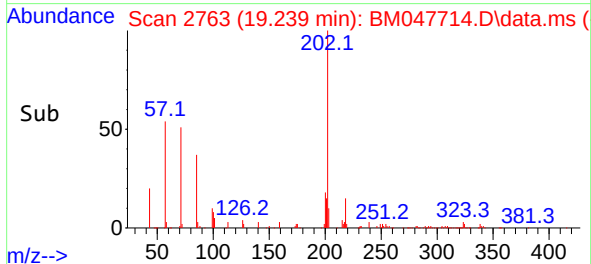
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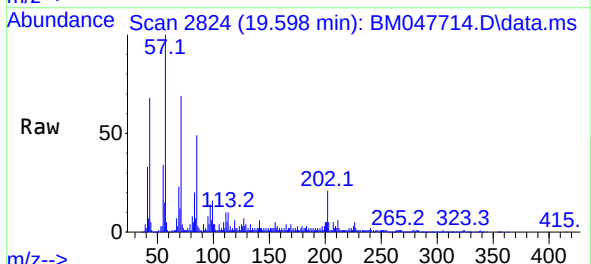
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Ion Ratio Lower Upper
202 100
101 18.2 9.0 13.4#
100 10.5 6.8 10.2#

Manual Integrations
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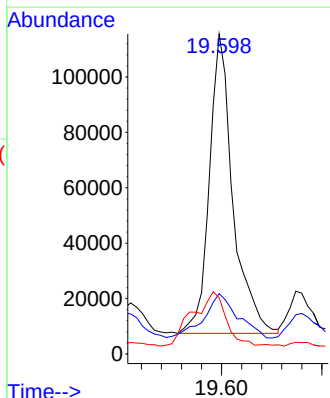
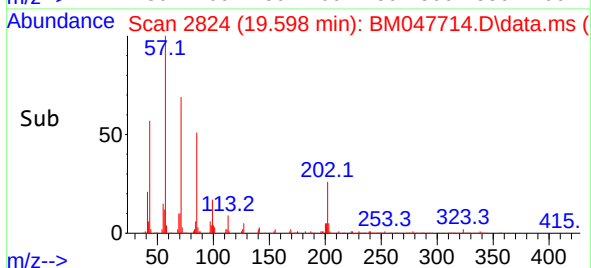
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

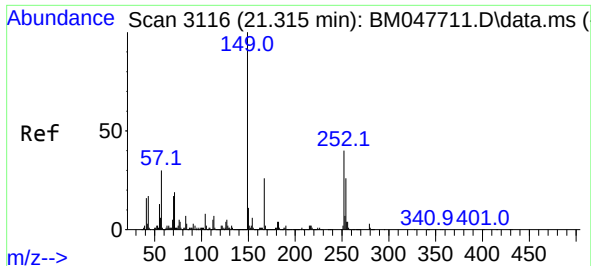


#82
Pyrene
Concen: 2.054 ng/u1
RT: 19.598 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BM047714.D
Acq: 30 Sep 2024 12:38



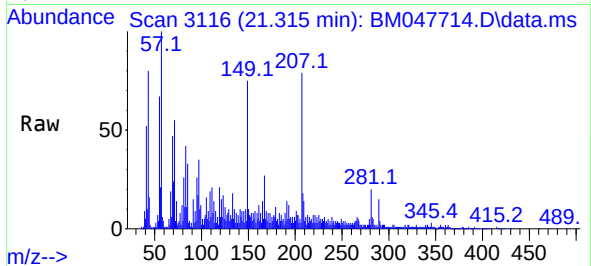
Tgt Ion:202 Resp: 175768
Ion Ratio Lower Upper
202 100
101 18.8 10.9 16.3#
100 17.6 9.4 14.2#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.518 ng/ul
 RT: 21.315 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM047714.D
 Acq: 30 Sep 2024 12:38

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Tgt Ion:149 Resp: 11438
 Ion Ratio Lower Upper
 149 100
 167 36.2 21.3 31.9
 279 6.8 2.7 4.1

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