

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047732.D
 Acq On : 01 Oct 2024 01:09
 Operator : RC/JU
 Sample : P4018-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCB6

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 01:46:36 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	299618	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	1042900	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.445	164	759489	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1412973	20.000	ng/ul	0.01
79) Chrysene-d12	21.403	240	1364792	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1646010	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	26241	2.830	ng/uL	0.00
4) Pyridine-d5	3.681	84	294223	10.838	ng/ul	0.00
7) Phenol-d5	6.993	99	483873	17.079	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.146	67	328436	16.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	392507	19.042	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	347298	16.487	ng/ul	0.01
21) Nitrobenzene-d5	8.969	128	200066	24.094	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	199509	25.072	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	369318	23.233	ng/ul	0.01
31) 4-Chloroaniline-d4	10.728	131	377463	15.360	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	1018521	18.497	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1272416	19.490	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	210561	19.206	ng/ul	0.00
60) Fluorene-d10	15.439	176	927259	19.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	128543	15.546	ng/ul	0.00
73) Anthracene-d10	17.292	188	1334564	19.209	ng/ul	0.00
81) Pyrene-d10	19.568	212	1601103	20.670	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1724889	20.197	ng/ul	0.00
Target Compounds						
23) Isophorone	9.540	82	631344	14.962	ng/ul#	77
29) 2,4-Dichlorophenol	10.269	162	47083	2.868	ng/ul#	84
30) Naphthalene	10.657	128	1273087	21.222	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	1860312	48.807	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	1132862	29.213	ng/ul	100
41) 2,4,6-Trichlorophenol	12.886	196	34867	2.437	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	23227	1.485	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	175519	2.886	ng/ul#	81
52) Acenaphthene	14.510	153	80460	1.546	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.086	232	3989283m	323.534	ng/ul	
61) Fluorene	15.492	166	155638	2.663	ng/ul#	89
71) Pentachlorophenol	16.910	266	21880666	2030.179	ng/ul	99
72) Phenanthrene	17.239	178	658533	7.947	ng/ul#	96

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

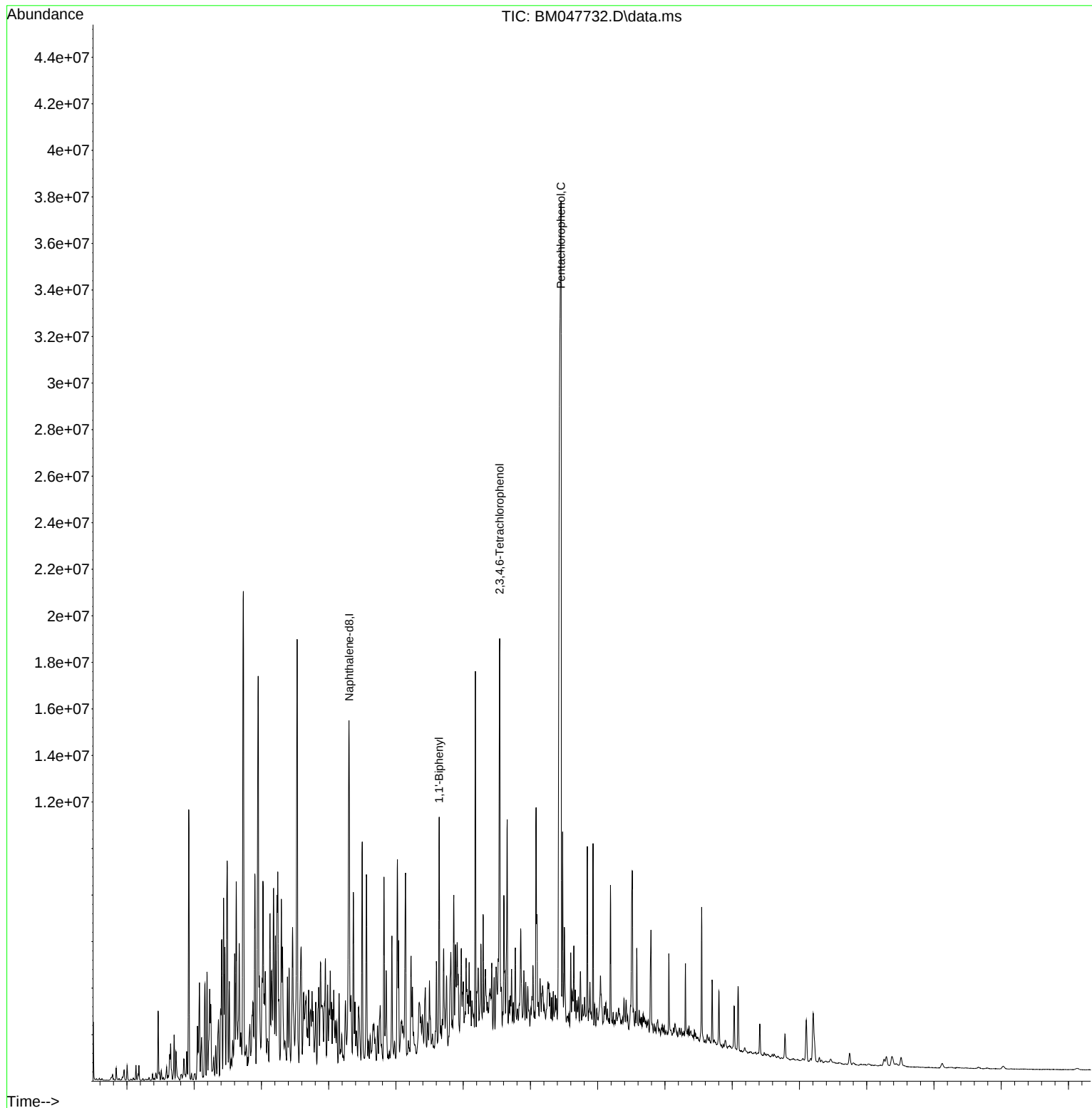
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047732.D
Acq On : 01 Oct 2024 01:09
Operator : RC/JU
Sample : P4018-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

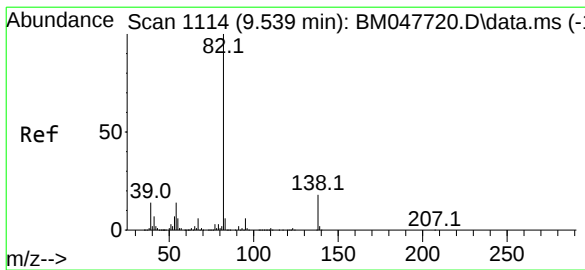
Instrument :
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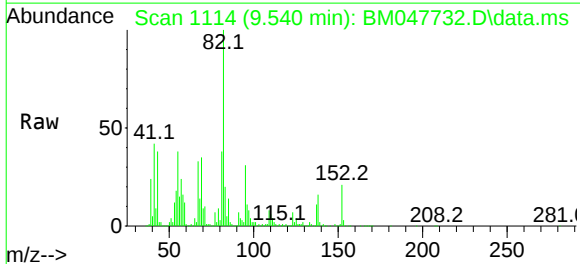
Quant Time: Oct 01 01:46:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#23
Isophorone
Concen: 14.962 ng/u1
RT: 9.540 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09

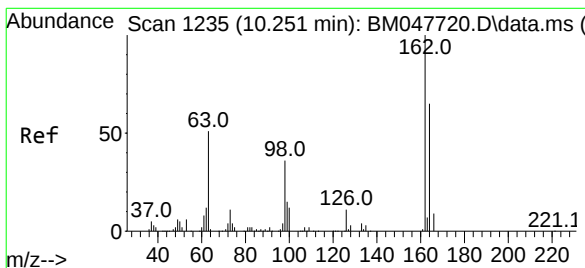
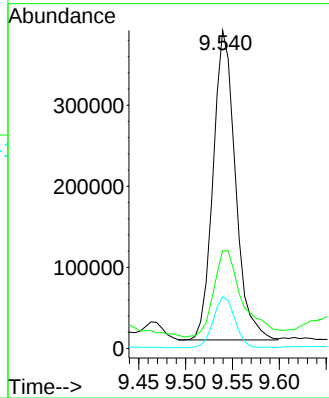
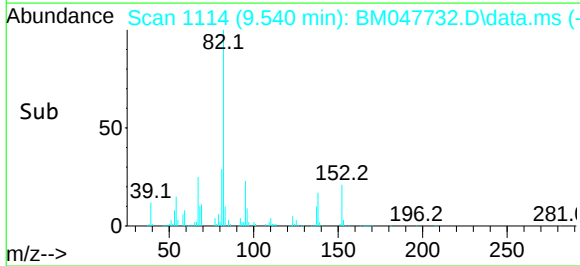
Instrument :
BNA_M
ClientSampleId :
DDCB6



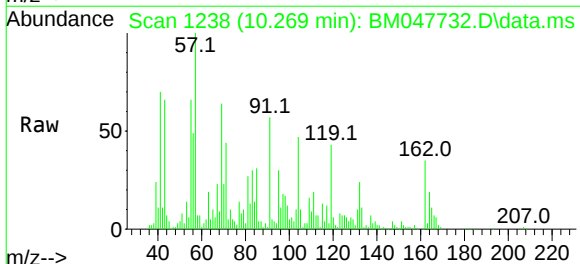
Tgt Ion: 82 Resp: 631344
Ion Ratio Lower Upper
82 100
95 30.7 4.9 7.3#
138 16.3 12.0 18.0

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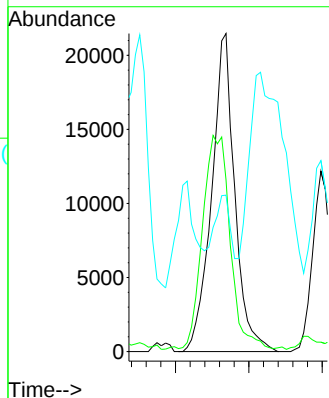
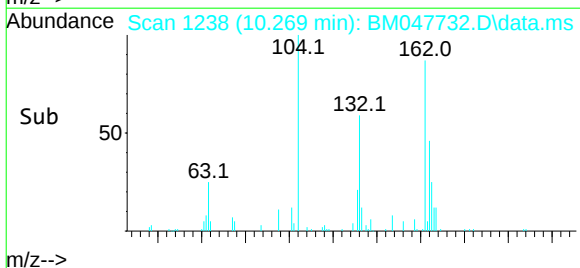
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

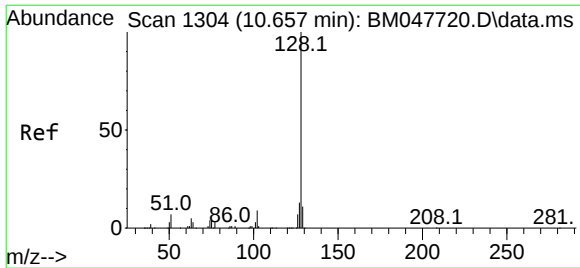


#29
2,4-Dichlorophenol
Concen: 2.868 ng/u1
RT: 10.269 min Scan# 1238
Delta R.T. 0.012 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09



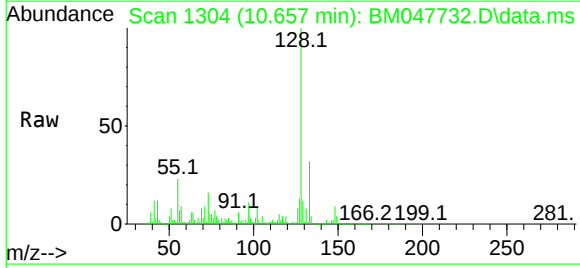
Tgt Ion:162 Resp: 47083
Ion Ratio Lower Upper
162 100
164 54.0 52.2 78.2
98 49.2 30.6 46.0#





#30
Naphthalene
Concen: 21.222 ng/u1
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09

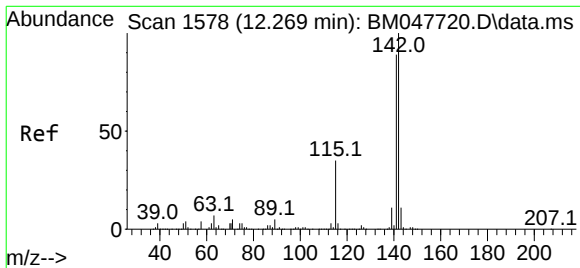
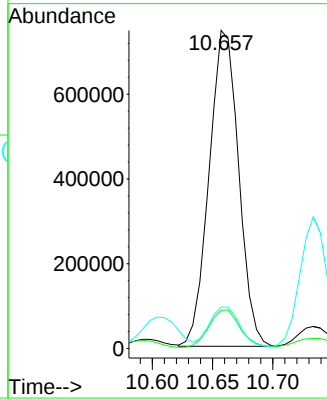
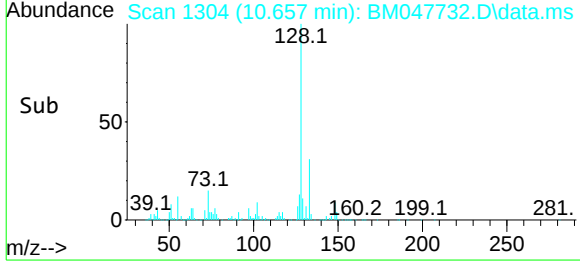
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Tgt Ion:128 Resp: 1273087
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 13.0 10.4 15.6

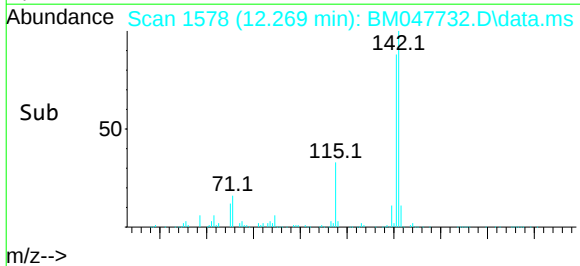
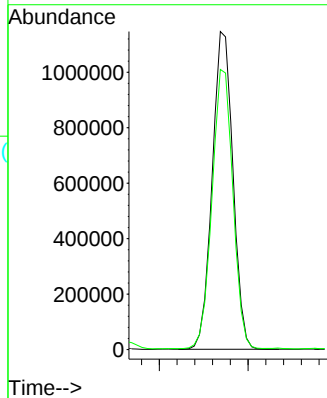
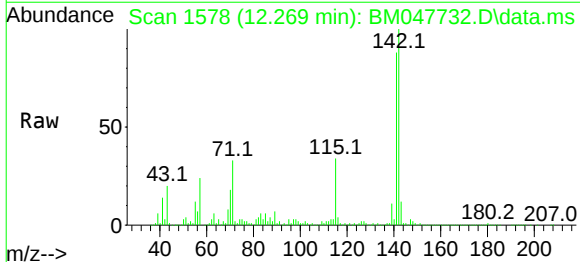
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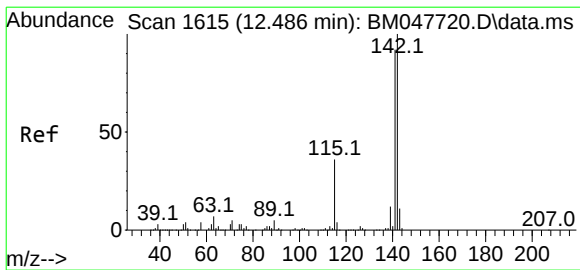
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#36
2-Methylnaphthalene
Concen: 48.807 ng/u1
RT: 12.269 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09

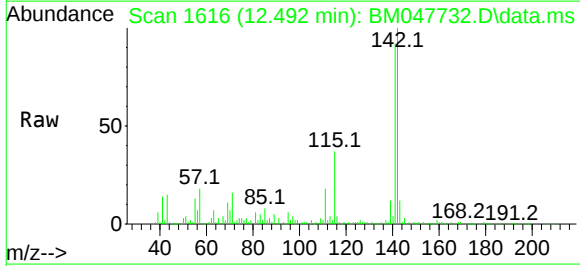
Tgt Ion:142 Resp: 1860312
Ion Ratio Lower Upper
142 100
141 88.1 72.5 108.7





#37
1-Methylnaphthalene
Concen: 29.213 ng/u1
RT: 12.492 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09

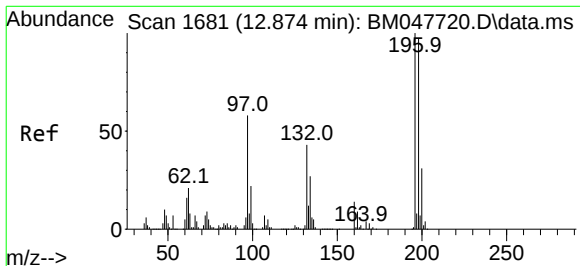
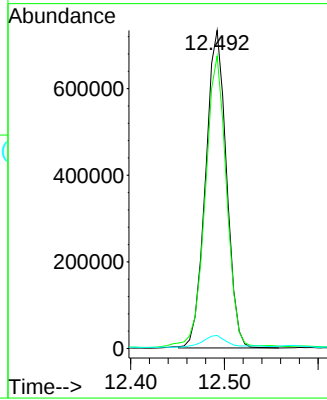
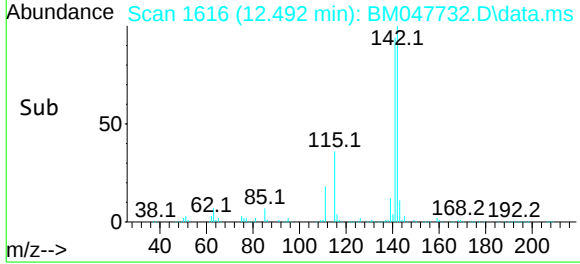
Instrument :
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ClientSampleId :
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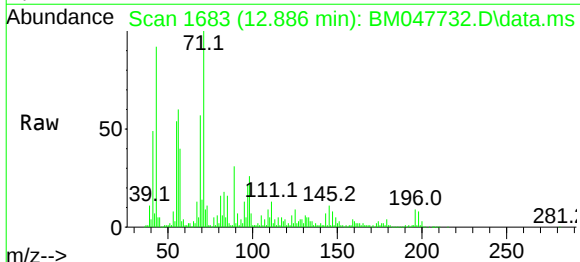
Tgt Ion:142 Resp: 1132862
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2
116 4.1 3.0 4.6

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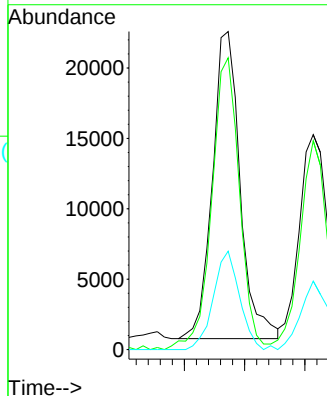
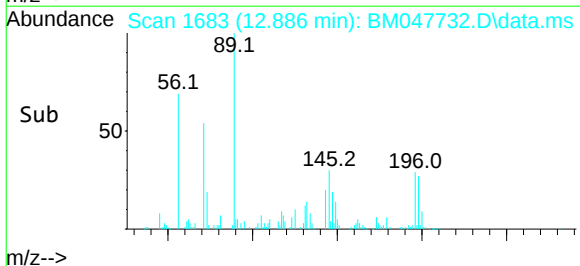
Reviewed By :Yogesh Patel 10/01/2024
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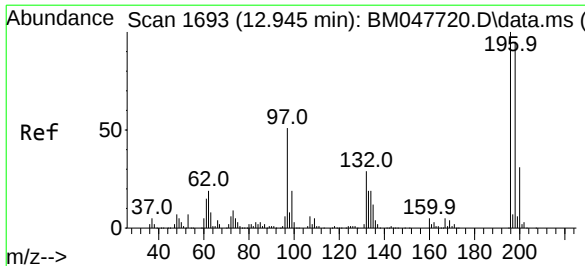


#41
2,4,6-Trichlorophenol
Concen: 2.437 ng/u1
RT: 12.886 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09



Tgt Ion:196 Resp: 34867
Ion Ratio Lower Upper
196 100
198 91.7 77.1 115.7
200 30.9 24.5 36.7





#42
2,4,5-Trichlorophenol
Concen: 1.485 ng/u1
RT: 12.957 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09

Instrument :

BNA_M

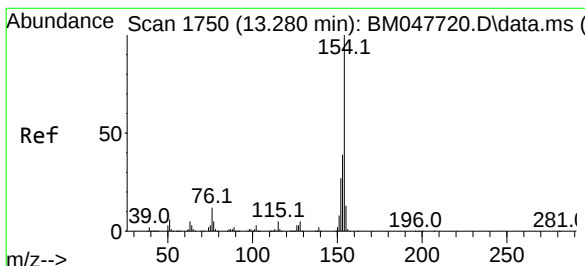
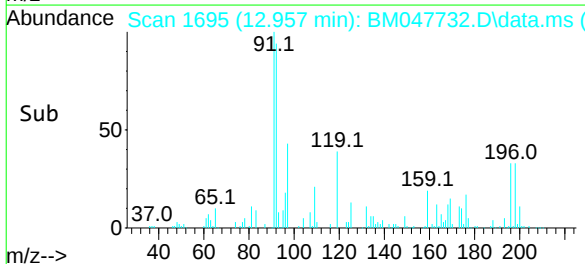
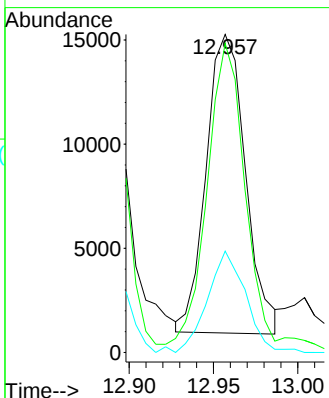
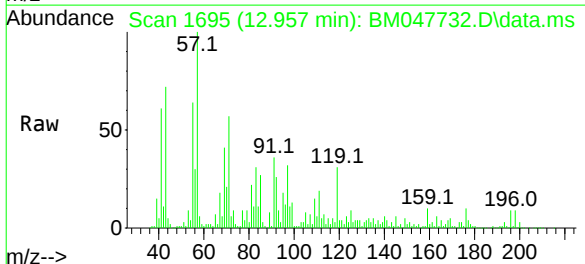
ClientSampleId :

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Tgt Ion:196 Resp: 23227
Ion Ratio Lower Upper
196 100
198 97.2 79.5 119.3
200 31.9 25.8 38.8

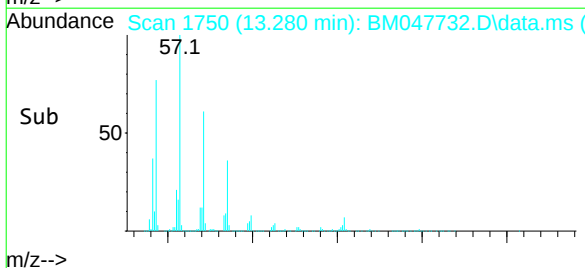
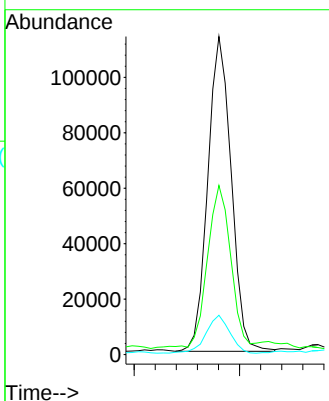
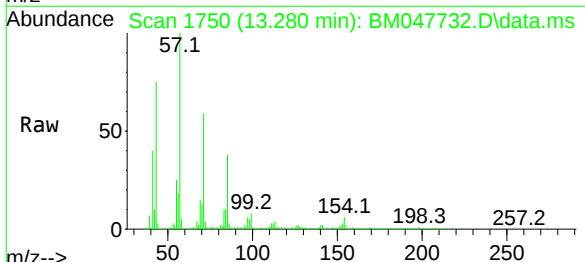
Manual Integrations
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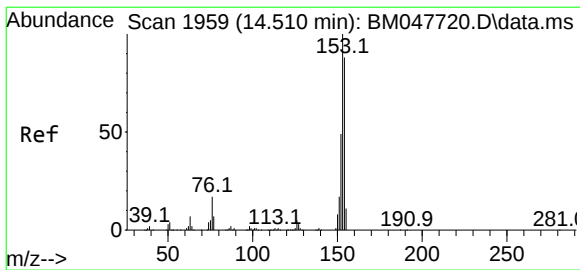
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#43
1,1'-Biphenyl
Concen: 2.886 ng/u1
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09

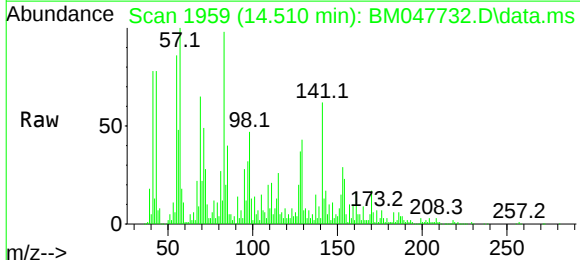
Tgt Ion:154 Resp: 175519
Ion Ratio Lower Upper
154 100
153 53.2 31.1 46.7#
76 12.4 12.1 18.1





#52
Acenaphthene
Concen: 1.546 ng/u1
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09

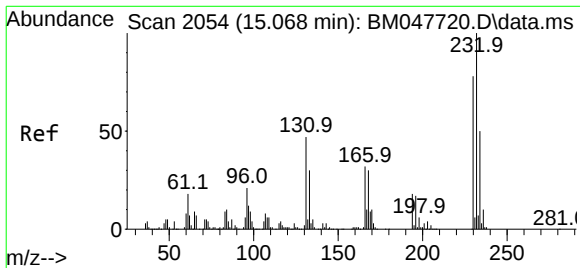
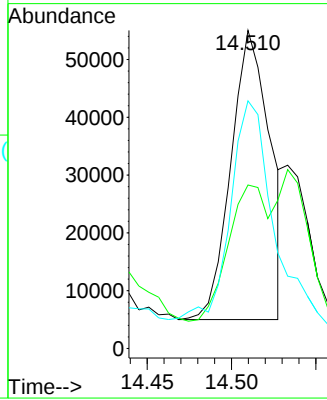
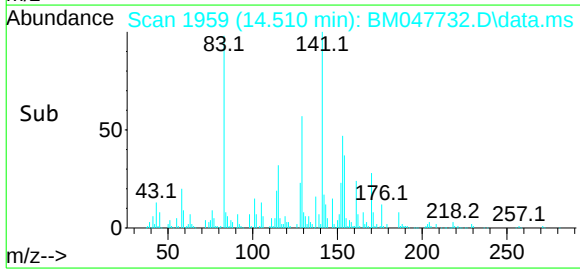
Instrument :
BNA_M
ClientSampleId :
DDCB6



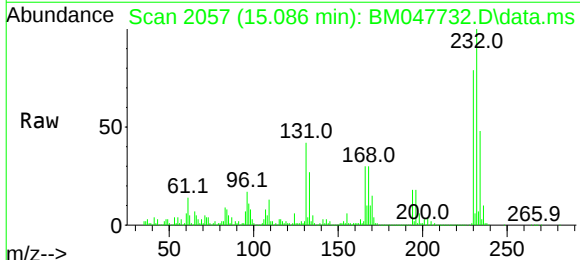
Tgt Ion:	153	Resp:	80466
Ion Ratio	Lower	Upper	
153	100		
152	51.4	39.7	59.5
154	77.9	72.6	108.8

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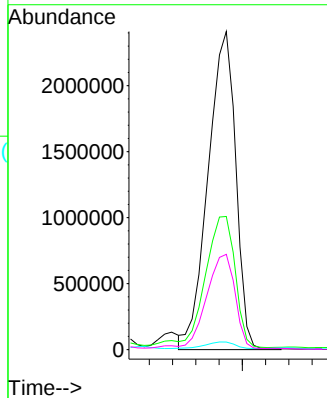
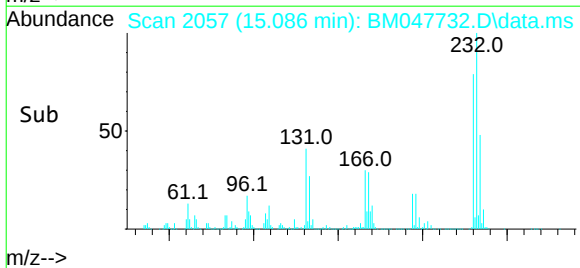
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

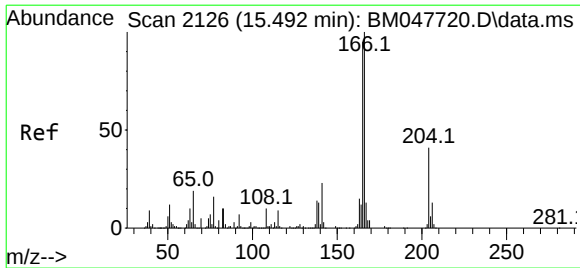


#58
2,3,4,6-Tetrachlorophenol
Concen: 323.534 ng/u1 m
RT: 15.086 min Scan# 2057
Delta R.T. 0.018 min
Lab File: BM047732.D
Acq: 01 Oct 2024 01:09



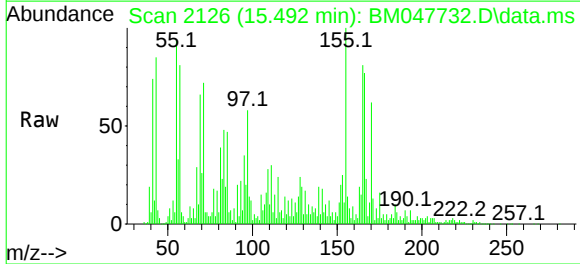
Tgt Ion:	232	Resp:	3989283
Ion Ratio	Lower	Upper	
232	100		
131	41.9	40.2	60.4
130	2.4	2.6	4.0#
166	30.0	25.3	37.9





#61
 Fluorene
 Concen: 2.663 ng/u1
 RT: 15.492 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BM047732.D
 Acq: 01 Oct 2024 01:09

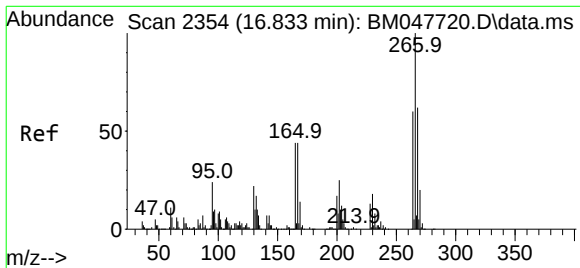
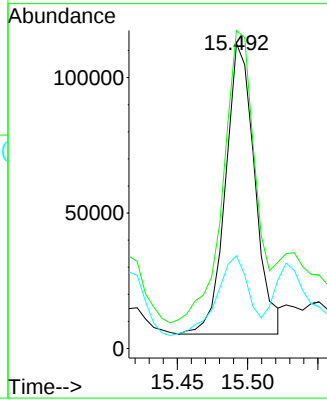
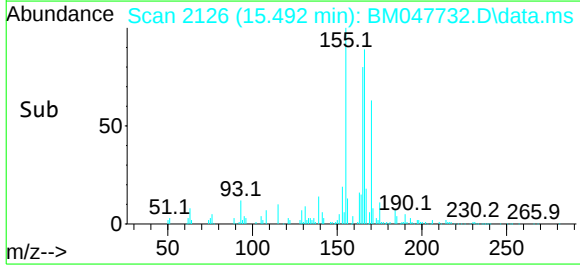
Instrument :
 BNA_M
 ClientSampleId :
 DDCB6



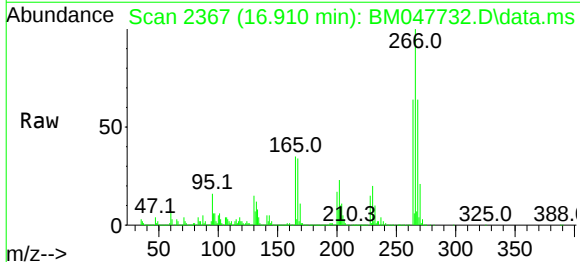
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Ion Ratio	Lower	Upper	
166	100		
165	104.2	77.8	116.6
167	30.4	10.8	16.2

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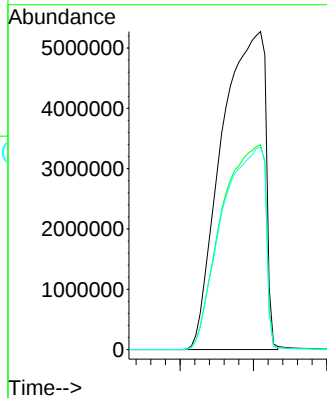
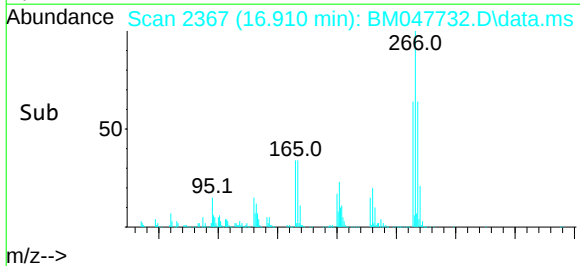
Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

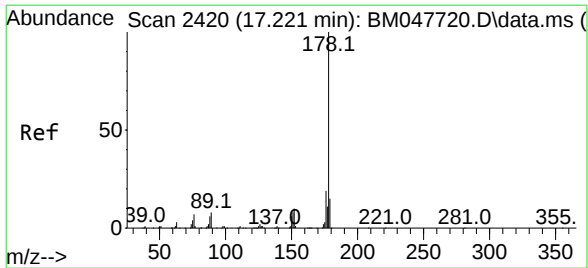


#71
 Pentachlorophenol
 Concen: 2030.179 ng/u1
 RT: 16.910 min Scan# 2367
 Delta R.T. 0.071 min
 Lab File: BM047732.D
 Acq: 01 Oct 2024 01:09



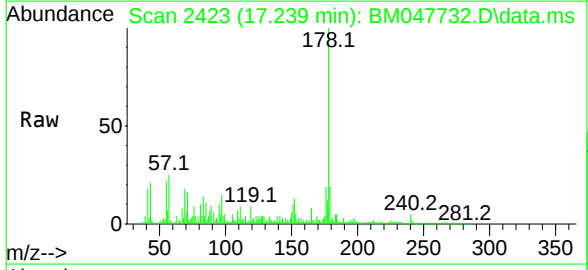
Tgt Ion:	266	Resp:	21880666
Ion Ratio	Lower	Upper	
266	100		
264	64.4	50.2	75.2
268	63.7	50.9	76.3





Phenanthrene
 Concen: 7.947 ng/u1
 RT: 17.239 min Scan# 2420
 Delta R.T. 0.012 min
 Lab File: BM047732.D
 Acq: 01 Oct 2024 01:09

Instrument :
 BNA_M
 ClientSampleId :
 DDCB6



Tgt Ion:	178	Resp:	658533
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.0	18.0
176	19.3	15.4	23.0

Manual Integrations
 APPROVED

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

