

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
 Data File : BM047794.D
 Acq On : 03 Oct 2024 03:08
 Operator : RC/JU
 Sample : P4020-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DD9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 03 03:42:19 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	7.804	152	325614	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.598	136	1179428	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	908789	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.186	188	1728022	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1683871	20.000	ng/ul	0.00
88) Perylene-d12	24.403	264	1926889	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	26270	2.607	ng/uL	0.00
4) Pyridine-d5	3.669	84	329252	11.160	ng/ul	0.00
7) Phenol-d5	6.969	99	490435	15.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	288438	13.202	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	403893	18.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	387007	16.906	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	191837m	20.428	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	205549	22.841	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	391008	21.751	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	366048	13.171	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1214058	18.426	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1412101	18.076	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	187525	14.295	ng/ul	0.00
60) Fluorene-d10	15.433	176	1057554	18.531	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	128560	12.713	ng/ul	-0.01
73) Anthracene-d10	17.280	188	1536203	18.080	ng/ul	0.00
81) Pyrene-d10	19.562	212	1913256	20.020	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.197	264	1882642	18.831	ng/ul	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.645	128	135974	2.004	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	251483	5.834	ng/ul	99
37) 1-Methylnaphthalene	12.480	142	159048	3.627	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	2021069	136.982	ng/ul#	93
71) Pentachlorophenol	16.880	266	17045207	1293.185	ng/ul	99
72) Phenanthrene	17.227	178	313542	3.094	ng/ul	98
80) Fluoranthene	19.227	202	140562	1.249	ng/ul#	90
82) Pyrene	19.592	202	140169	1.119	ng/ul	99

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

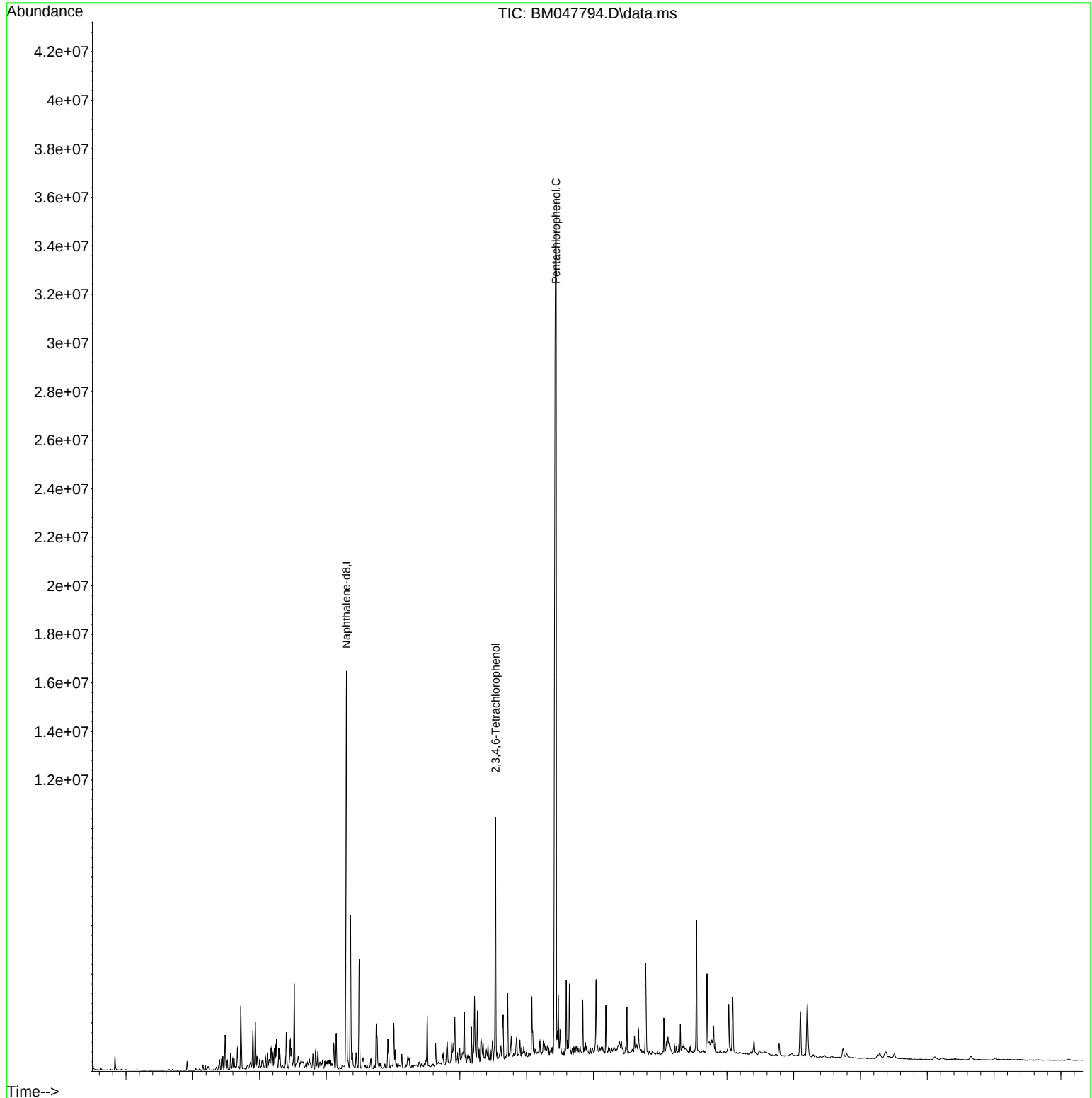
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
Data File : BM047794.D
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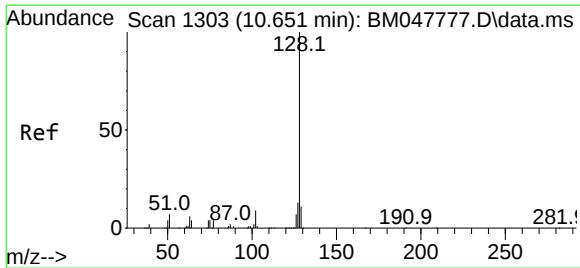
Instrument :
BNA_M
ClientSampleId :
DDCD9

Quant Time: Oct 03 03:42:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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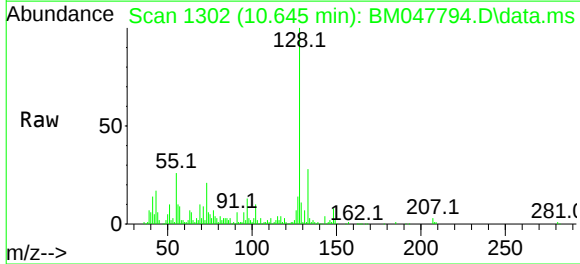
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024





#30
Naphthalene
Concen: 2.004 ng/ul
RT: 10.645 min Scan# 1303
Delta R.T. -0.018 min
Lab File: BM047794.D
Acq: 03 Oct 2024 03:08

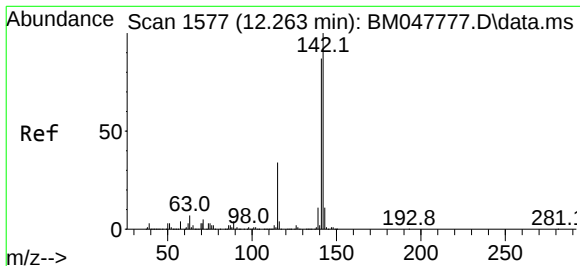
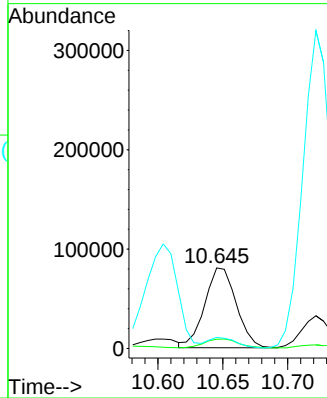
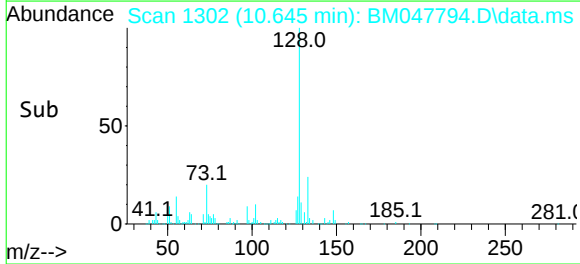
Instrument :
BNA_M
ClientSampleId :
DDCD9



Tgt Ion:128 Resp: 135974
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.8 10.4 15.6

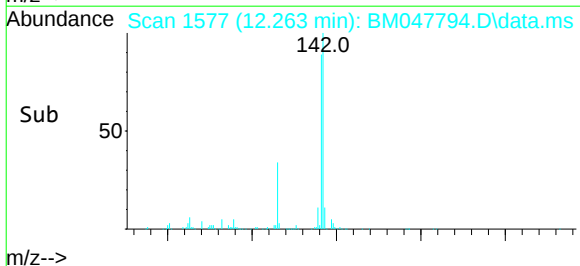
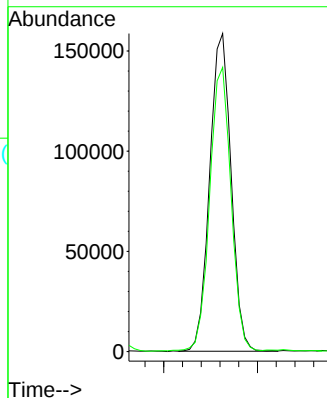
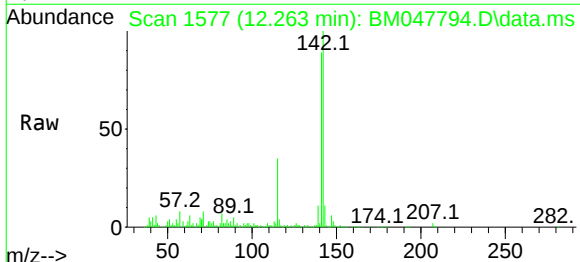
Manual Integrations
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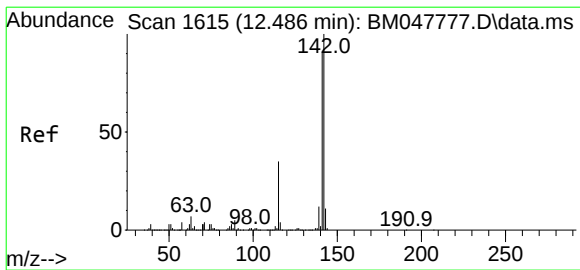
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#36
2-Methylnaphthalene
Concen: 5.834 ng/ul
RT: 12.263 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM047794.D
Acq: 03 Oct 2024 03:08

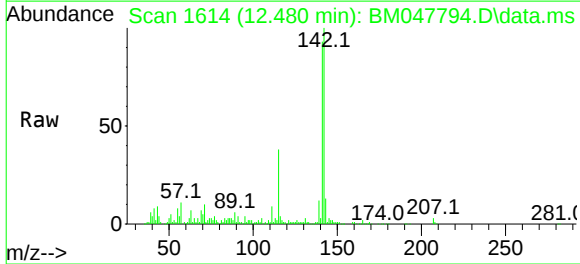
Tgt Ion:142 Resp: 251483
Ion Ratio Lower Upper
142 100
141 89.4 72.5 108.7





#37
 1-Methylnaphthalene
 Concen: 3.627 ng/ul
 RT: 12.480 min Scan# 1615
 Delta R.T. -0.012 min
 Lab File: BM047794.D
 Acq: 03 Oct 2024 03:08

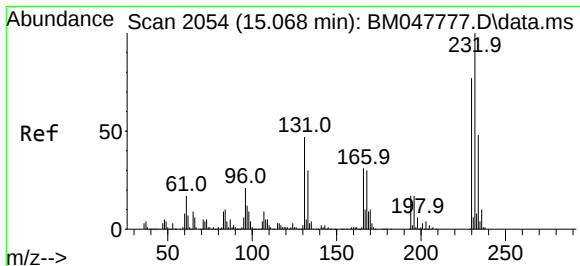
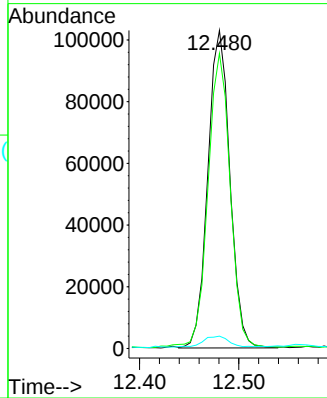
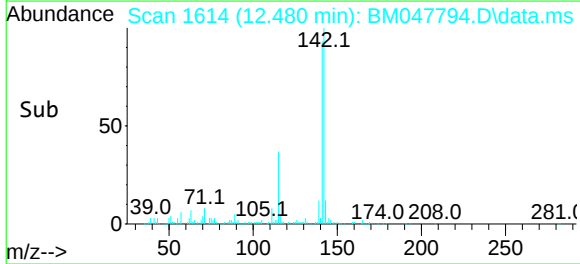
Instrument : BNA_M
 ClientSampleId : DD9



Tgt Ion:	142	Resp:	159048
Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.4	110.2
116	3.9	3.0	4.6

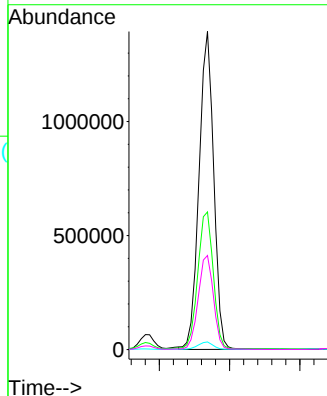
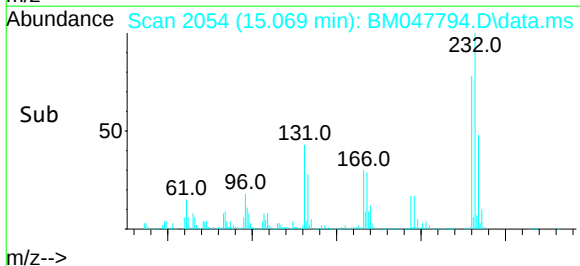
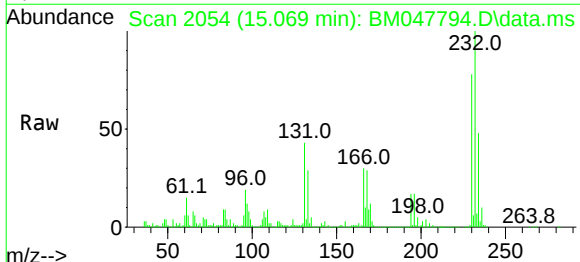
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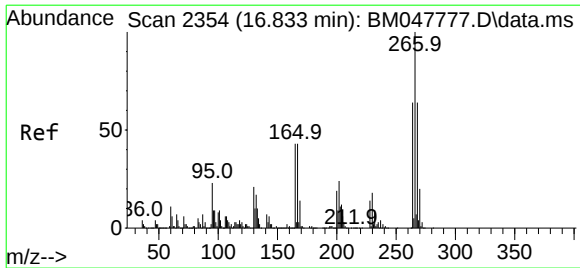
Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 136.982 ng/ul
 RT: 15.069 min Scan# 2054
 Delta R.T. -0.000 min
 Lab File: BM047794.D
 Acq: 03 Oct 2024 03:08

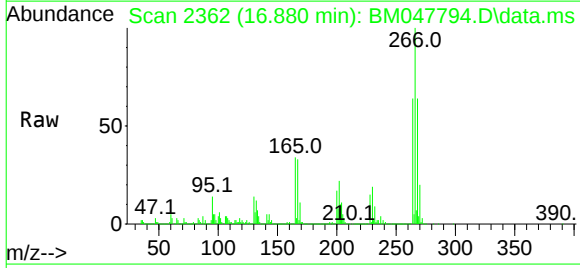
Tgt Ion:	232	Resp:	2021069
Ion	Ratio	Lower	Upper
232	100		
131	43.3	40.2	60.4
130	2.4	2.6	4.0#
166	29.6	25.3	37.9





#71
 Pentachlorophenol
 Concen: 1293.185 ng/u1
 RT: 16.880 min Scan# 2354
 Delta R.T. 0.041 min
 Lab File: BM047794.D
 Acq: 03 Oct 2024 03:08

Instrument :
 BNA_M
 ClientSampleId :
 DDCD9

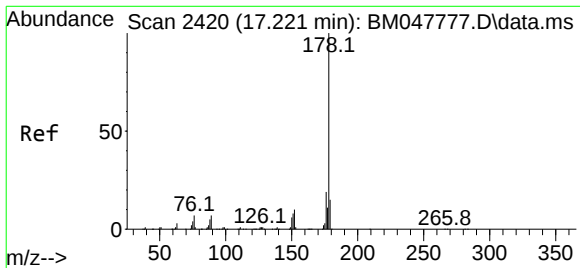
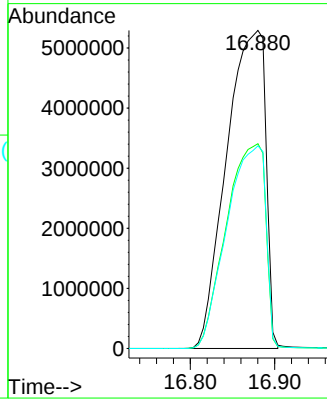
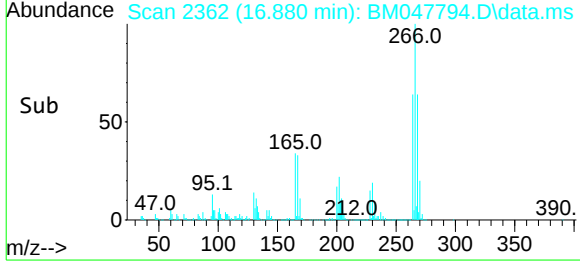


Tgt Ion: 266 Resp: 17045207

Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.2	75.2
268	63.7	50.9	76.3

Manual Integrations
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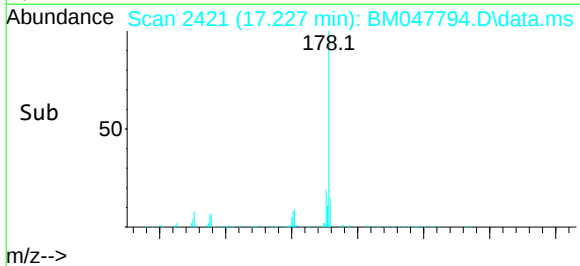
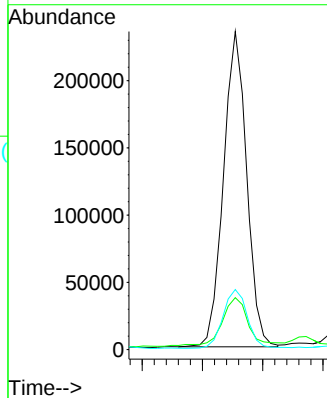
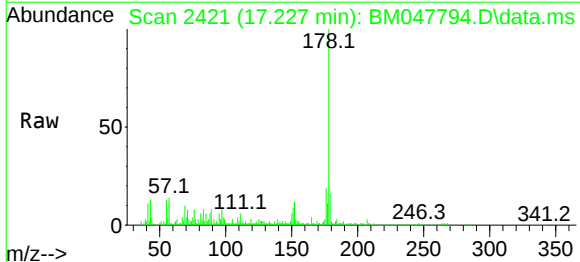
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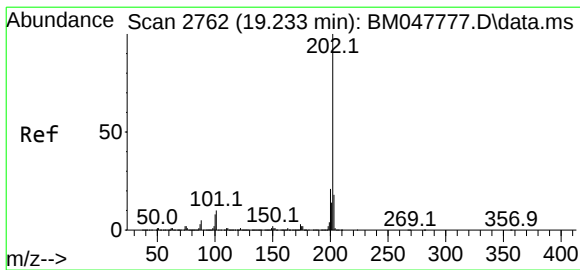


#72
 Phenanthrene
 Concen: 3.094 ng/u1
 RT: 17.227 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BM047794.D
 Acq: 03 Oct 2024 03:08

Tgt Ion: 178 Resp: 313542

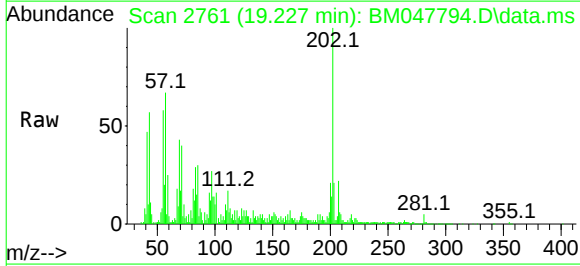
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.0	18.0
176	18.9	15.4	23.0





#80
 Fluoranthene
 Concen: 1.249 ng/u1
 RT: 19.227 min Scan# 2761
 Delta R.T. -0.012 min
 Lab File: BM047794.D
 Acq: 03 Oct 2024 03:08

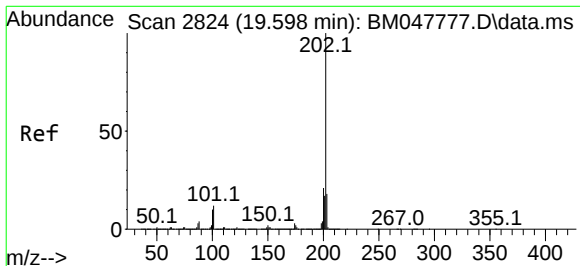
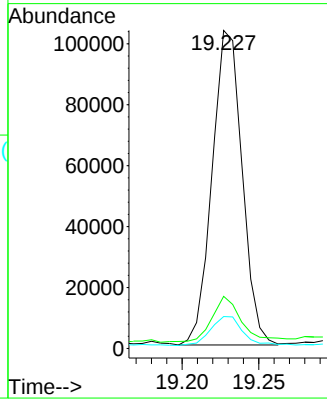
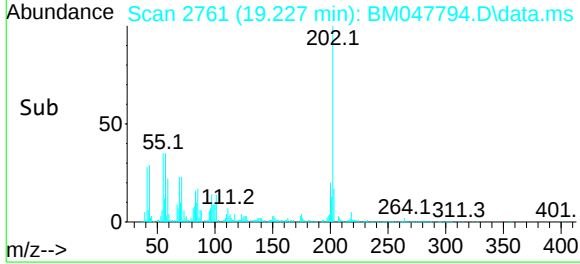
Instrument : BNA_M
 ClientSampleId : DDCD9



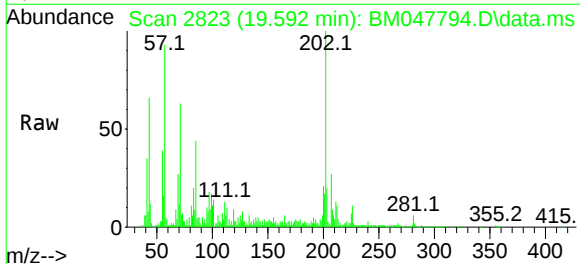
Tgt Ion:202 Resp: 140562
 Ion Ratio Lower Upper
 202 100
 101 16.4 9.0 13.4#
 100 10.0 6.8 10.2

Manual Integrations
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#82
 Pyrene
 Concen: 1.119 ng/u1
 RT: 19.592 min Scan# 2823
 Delta R.T. -0.006 min
 Lab File: BM047794.D
 Acq: 03 Oct 2024 03:08



Tgt Ion:202 Resp: 140169
 Ion Ratio Lower Upper
 202 100
 101 13.9 10.9 16.3
 100 11.3 9.4 14.2

