

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047715.D
 Acq On : 30 Sep 2024 13:18
 Operator : RC/JU
 Sample : P4018-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC99

Manual Integrations
 APPROVED

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

Quant Time: Sep 30 14:01:16 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	7.810	152	254745	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1047011	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.445	164	657737	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1358924	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	1242986	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1434559	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	9364	1.188	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.975	99	178959	7.429	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	110353	6.456	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	146880	8.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	96777	5.404	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	68851m	8.259	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	72555	9.082	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	143249	8.976	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	123814	5.018	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	473508	9.930	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	531423	9.399	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	50524	5.321	ng/ul	0.00
60) Fluorene-d10	15.434	176	428068	10.364	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	42898	5.394	ng/ul	0.00
73) Anthracene-d10	17.280	188	662184	9.910	ng/ul	0.00
81) Pyrene-d10	19.569	212	654775	9.282	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.204	264	457508	6.147	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.628	105	126561	4.130	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.069	232	35697	3.343	ng/ul	98
71) Pentachlorophenol	16.839	266	1496485	144.373	ng/ul	99
72) Phenanthrene	17.222	178	1417642	17.789	ng/ul	99
74) Anthracene	17.316	178	260627	3.206	ng/ul	99
77) Carbazole	17.580	167	189759	2.576	ng/ul	99
80) Fluoranthene	19.233	202	3861813	46.480	ng/ul	99
82) Pyrene	19.598	202	2212825	23.929	ng/ul	95
85) Benzo(a)anthracene	21.392	228	1511662	17.369	ng/ul	98
87) Chrysene	21.451	228	1568237	18.484	ng/ul	96
90) Benzo(b)fluoranthene	23.462	252	1732535	19.366	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	503199	5.501	ng/ul	97
93) Benzo(a)pyrene	24.268	252	463516	5.455	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.797	276	413529	3.798	ng/ul	99
95) Dibenzo(a,h)anthracene	27.833	278	189087	2.119	ng/ul#	93

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

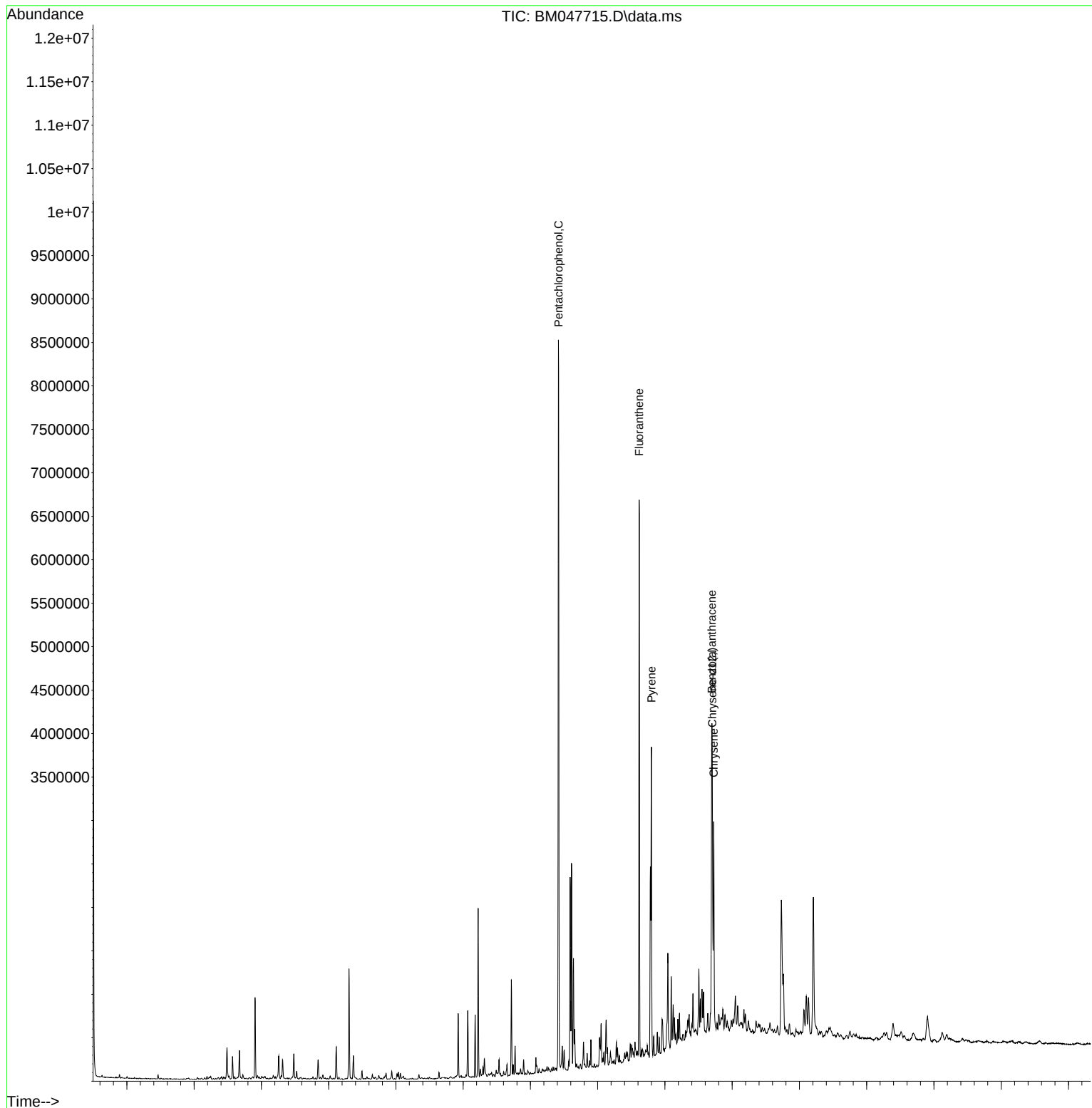
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047715.D
Acq On : 30 Sep 2024 13:18
Operator : RC/JU
Sample : P4018-01
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ALS Vial : 6 Sample Multiplier: 1

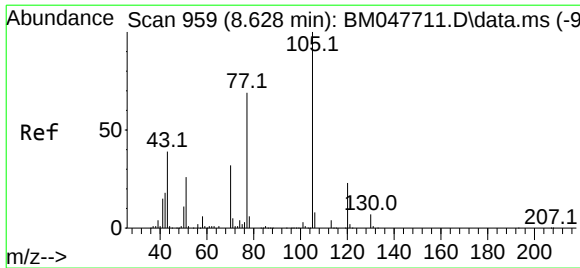
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
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#16

Acetophenone

Concen: 4.130 ng/u1

RT: 8.628 min Scan# 959

Delta R.T. -0.006 min

Lab File: BM047715.D

Acq: 30 Sep 2024 13:18

Instrument :

BNA_M

ClientSampleId :

DDC99

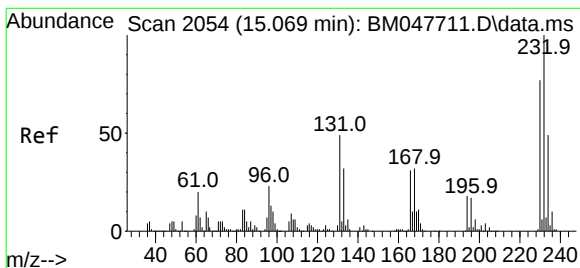
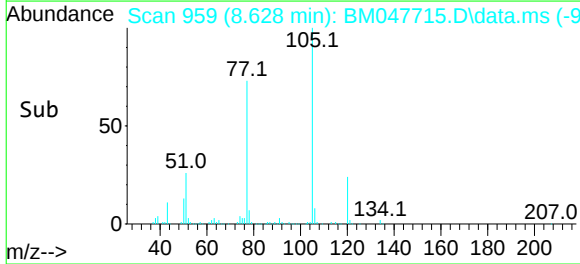
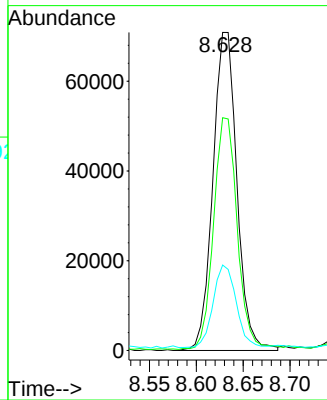
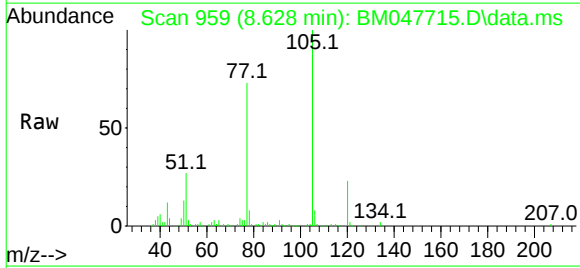
Tgt Ion:	105	Resp:	126561
Ion Ratio	Lower	Upper	
105	100		
77	73.2	66.6	100.0
51	26.9	27.0	40.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 3.343 ng/u1

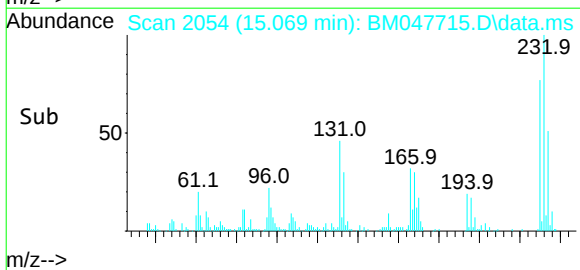
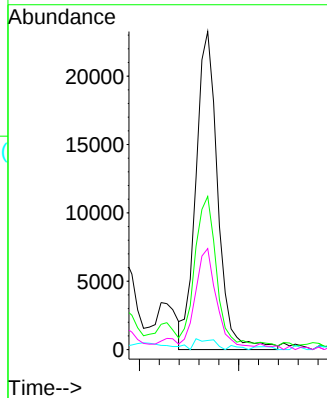
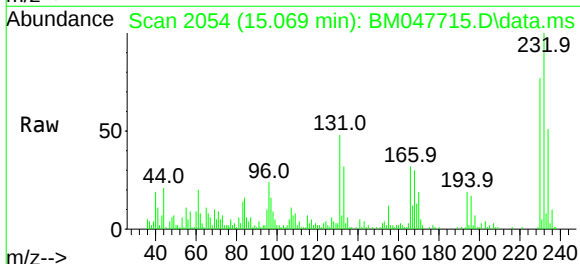
RT: 15.069 min Scan# 2054

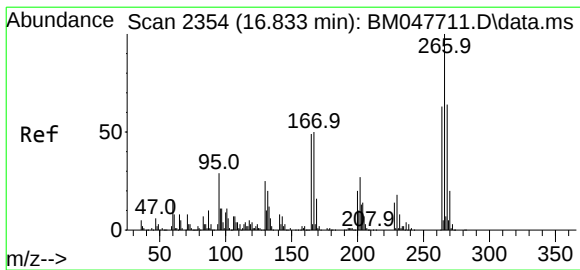
Delta R.T. 0.000 min

Lab File: BM047715.D

Acq: 30 Sep 2024 13:18

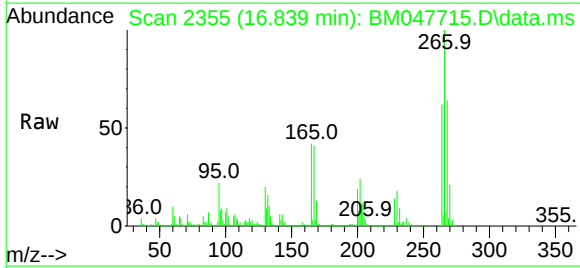
Tgt Ion:	232	Resp:	35697
Ion Ratio	Lower	Upper	
232	100		
131	48.2	40.2	60.4
130	2.9	2.6	4.0
166	31.8	25.3	37.9





#71
 Pentachlorophenol
 Concen: 144.373 ng/u1
 RT: 16.839 min Scan# 2354
 Delta R.T. 0.000 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

Instrument :
 BNA_M
 ClientSampleId :
 DDC99

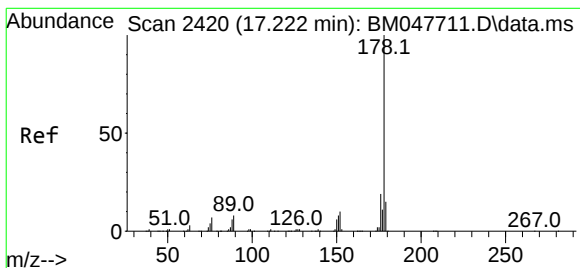
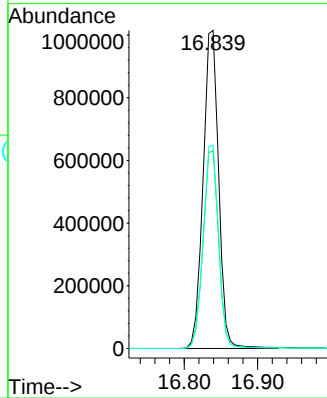
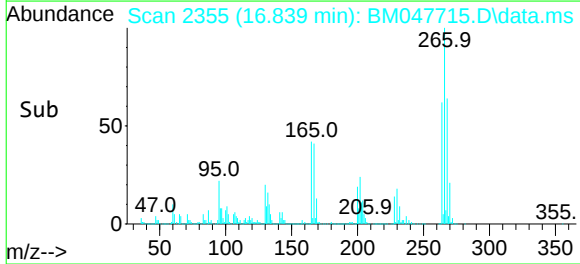


Tgt Ion: 266 Resp: 1496485

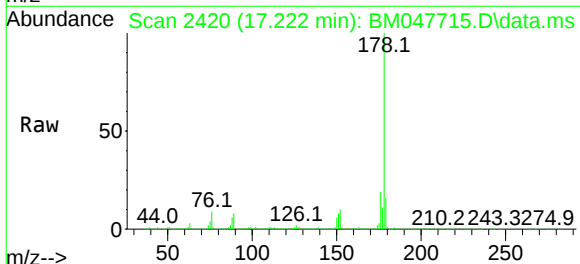
Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.2	75.2
268	63.9	50.9	76.3

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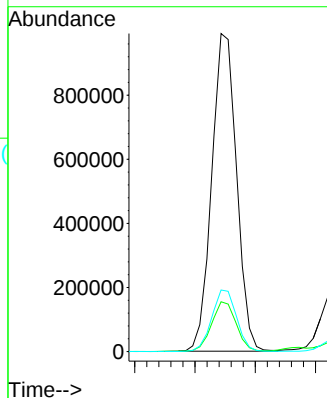
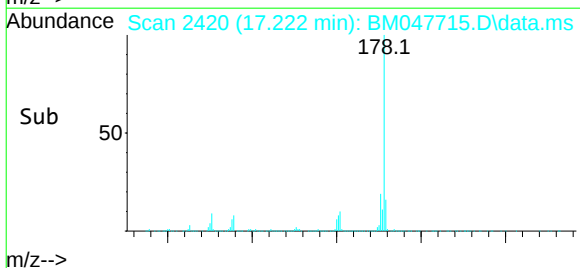


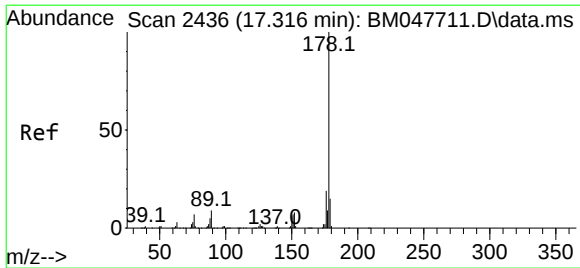
#72
 Phenanthrene
 Concen: 17.789 ng/u1
 RT: 17.222 min Scan# 2420
 Delta R.T. -0.006 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18



Tgt Ion: 178 Resp: 1417642

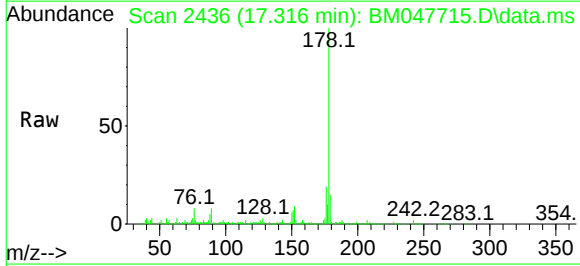
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	19.4	15.4	23.0





#74
 Anthracene
 Concen: 3.206 ng/u1
 RT: 17.316 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

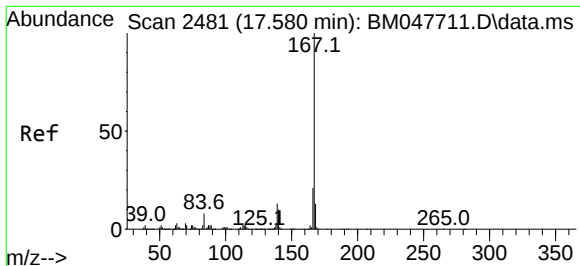
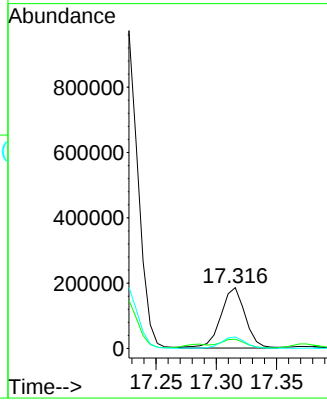
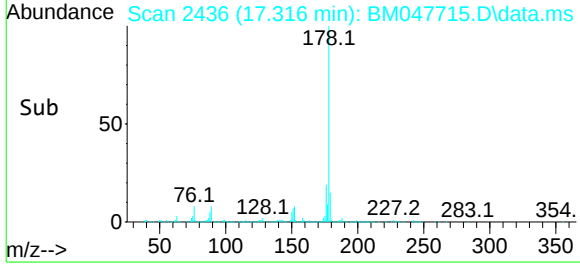
Instrument :
 BNA_M
 ClientSampleId :
 DDC99



Tgt Ion:	178	Resp:	260627
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.9	14.7	22.1

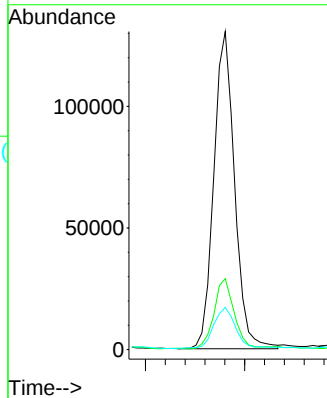
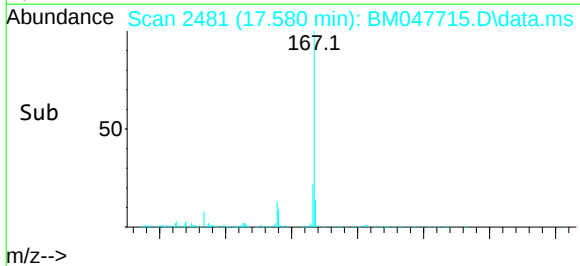
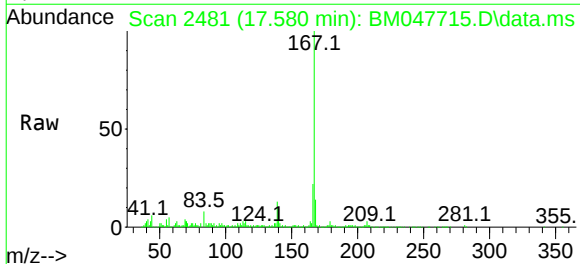
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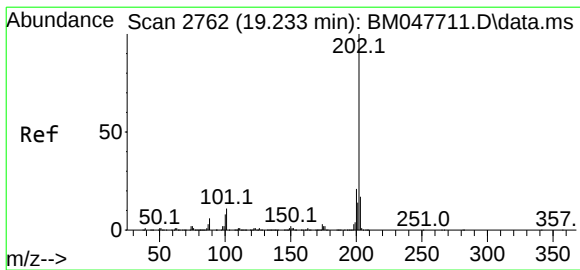
Reviewed By :Yogesh Patel 10/01/2024
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#77
 Carbazole
 Concen: 2.576 ng/u1
 RT: 17.580 min Scan# 2481
 Delta R.T. 0.000 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

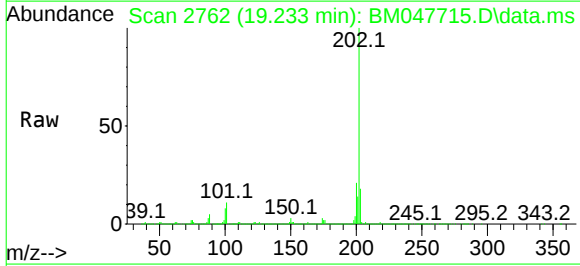
Tgt Ion:	167	Resp:	189759
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.3	10.9	16.3





#80
 Fluoranthene
 Concen: 46.480 ng/u1
 RT: 19.233 min Scan# 2762
 Delta R.T. -0.006 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

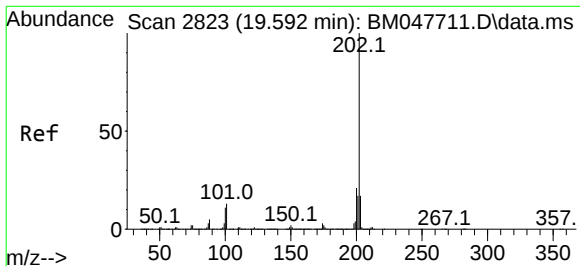
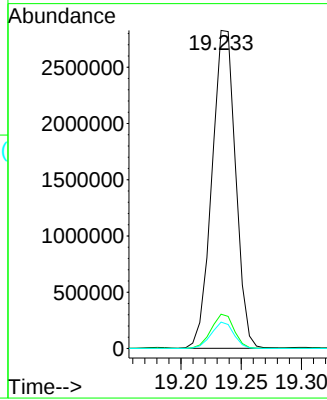
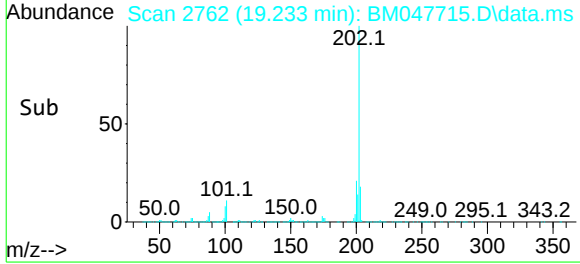
Instrument :
 BNA_M
 ClientSampleId :
 DDC99



Tgt Ion:202 Resp: 3861813
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.0 13.4
 100 8.3 6.8 10.2

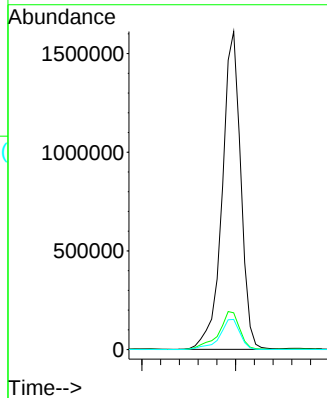
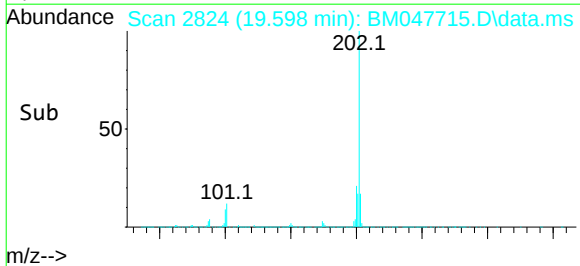
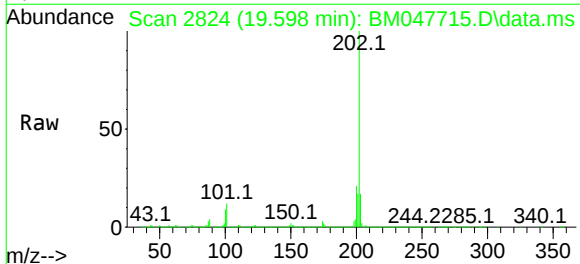
Manual Integrations
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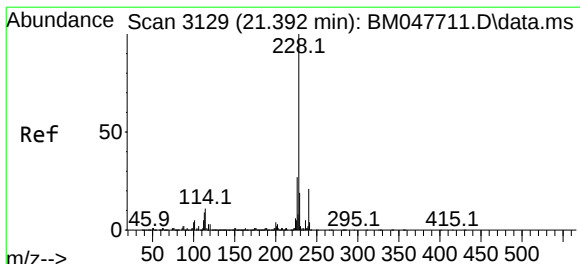
Reviewed By :Yogesh Patel 10/01/2024
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#82
 Pyrene
 Concen: 23.929 ng/u1
 RT: 19.598 min Scan# 2824
 Delta R.T. 0.000 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

Tgt Ion:202 Resp: 2212825
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.9 16.3
 100 9.5 9.4 14.2





#85
 Benzo(a)anthracene
 Concen: 17.369 ng/u1
 RT: 21.392 min Scan# 3129
 Delta R.T. 0.000 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

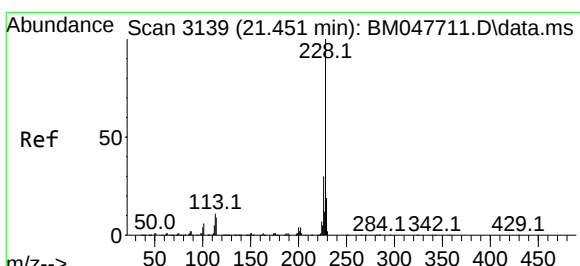
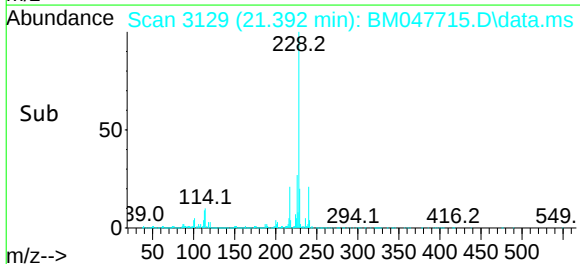
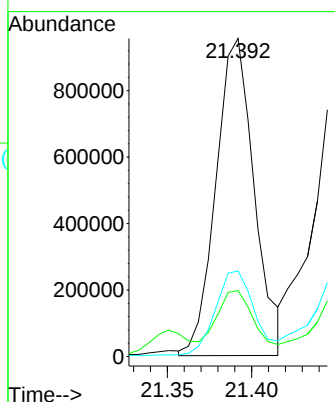
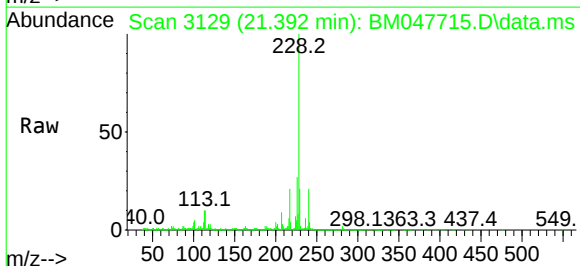
Instrument :
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Tgt Ion:228 Resp: 1511662

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	26.9	21.9	32.9

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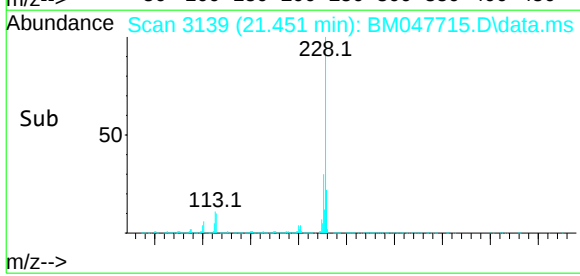
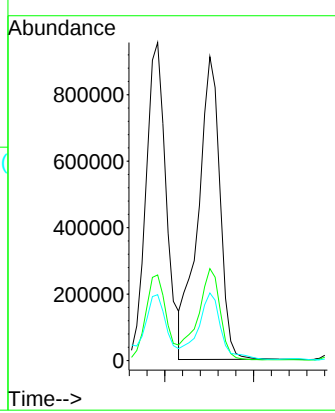
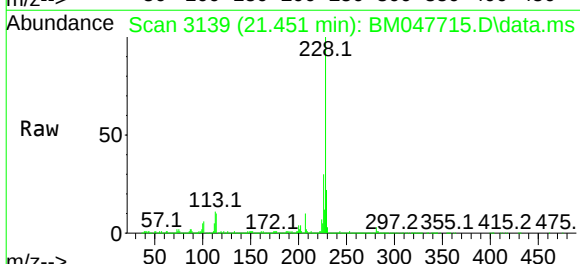
Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

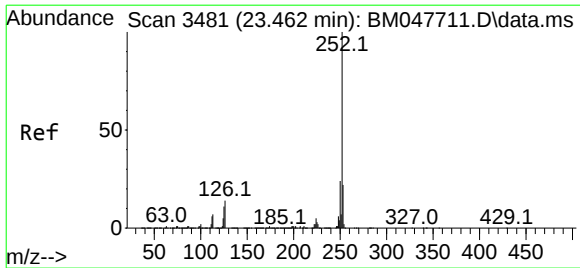


#87
 Chrysene
 Concen: 18.484 ng/u1
 RT: 21.451 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

Tgt Ion:228 Resp: 1568237

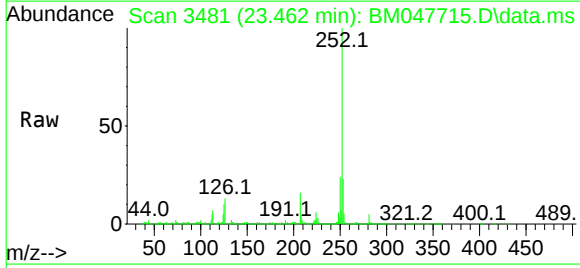
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	22.2	15.3	22.9





#90
 Benzo(b)fluoranthene
 Concen: 19.366 ng/u1
 RT: 23.462 min Scan# 3490
 Delta R.T. 0.000 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

Instrument :
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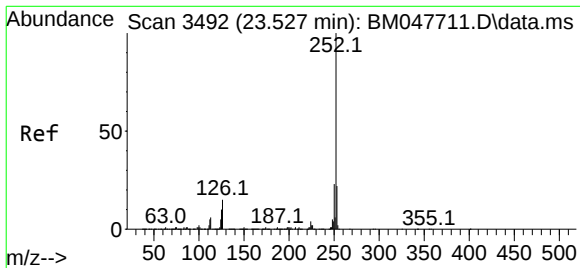
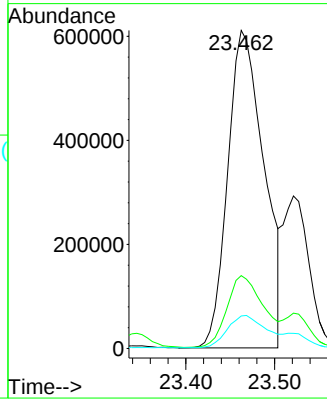
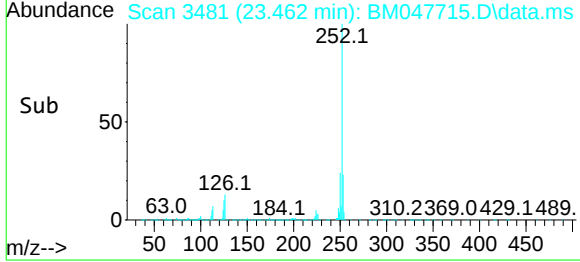


Tgt Ion: 252 Resp: 1732535

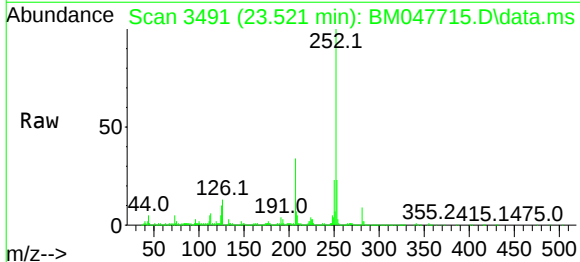
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	10.2	9.0	13.4

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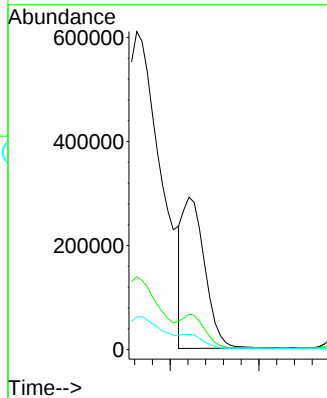
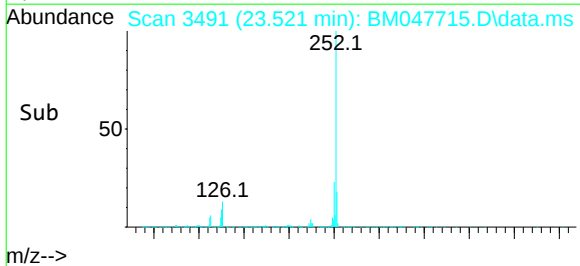


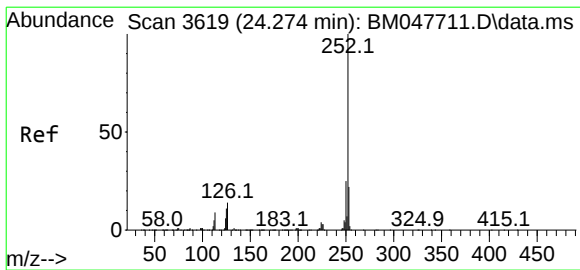
#91
 Benzo(k)fluoranthene
 Concen: 5.501 ng/u1
 RT: 23.521 min Scan# 3491
 Delta R.T. -0.006 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18



Tgt Ion: 252 Resp: 503199

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.9	8.9	13.3





#93

Benzo(a)pyrene

Concen: 5.455 ng/ul

RT: 24.268 min Scan# 3618

Delta R.T. -0.006 min

Lab File: BM047715.D

Acq: 30 Sep 2024 13:18

Instrument :

BNA_M

ClientSampleId :

DDC99

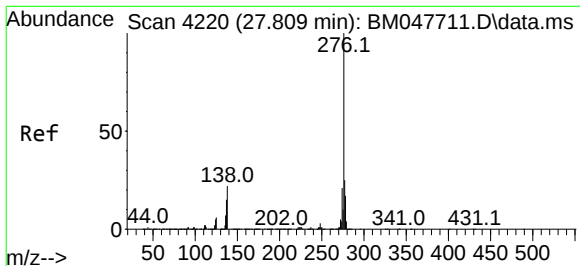
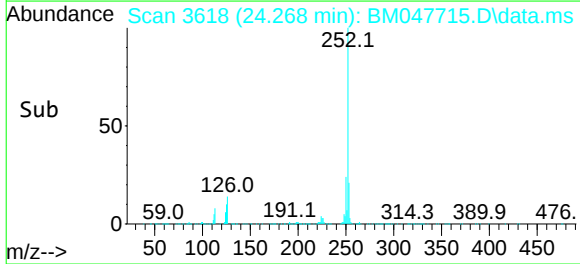
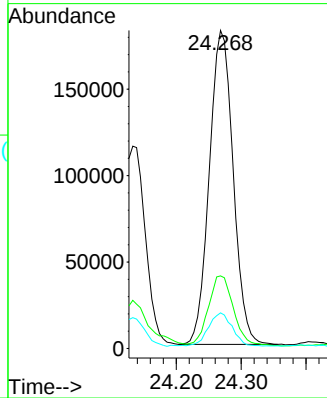
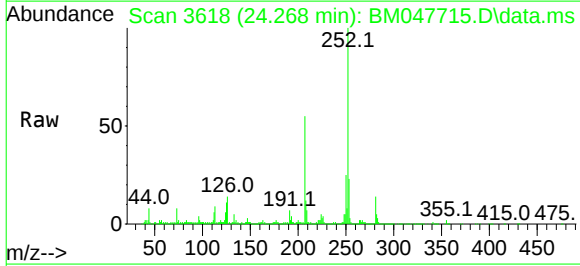
Tgt Ion:	252	Resp:	463516
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.2	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.798 ng/ul

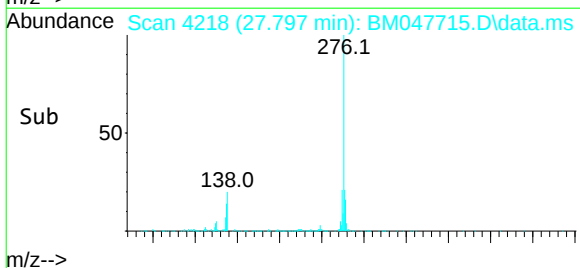
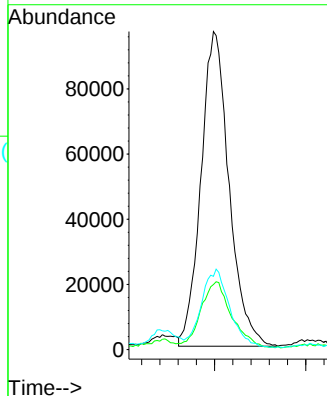
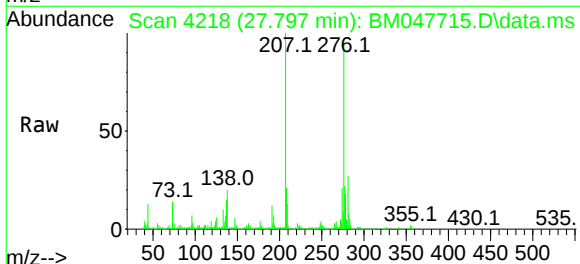
RT: 27.797 min Scan# 4218

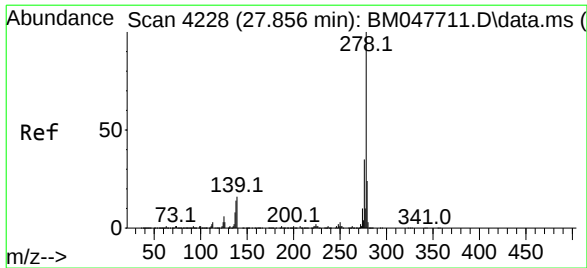
Delta R.T. -0.012 min

Lab File: BM047715.D

Acq: 30 Sep 2024 13:18

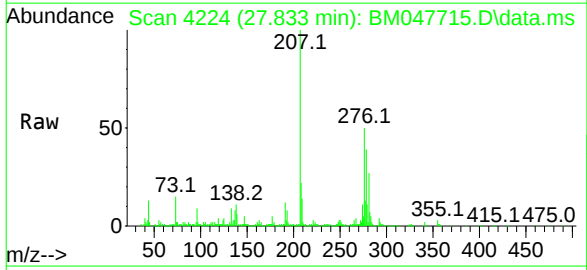
Tgt Ion:	276	Resp:	413529
Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.9	25.3
277	23.0	18.9	28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 2.119 ng/ul
 RT: 27.833 min Scan# 42
 Delta R.T. -0.029 min
 Lab File: BM047715.D
 Acq: 30 Sep 2024 13:18

Instrument :
 BNA_M
 ClientSampleId :
 DDC99



Tgt	Ion:278	Resp:	189087
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.4	20.2
279	28.7	18.4	27.6#

Manual Integrations
 APPROVED

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

