

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
 Data File : BM048729.D
 Acq On : 16 Nov 2024 05:02
 Operator : RC/JU
 Sample : P4751-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH9G2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 16 05:38:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 16:55:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	131645	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	520476	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	305329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.021	188	612422	20.000	ng/u1	0.00
79) Chrysene-d12	21.245	240	601183	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	743349	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	4256	1.289	ng/uL	0.00
4) Pyridine-d5	3.522	84	16049m	1.763	ng/u1	0.02
7) Phenol-d5	6.810	99	59380	5.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	39119	6.499	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	54716	6.591	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	29929	3.798	ng/u1	0.01
21) Nitrobenzene-d5	8.787	128	22328	5.919	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	25169	6.273	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	45511	6.106	ng/u1	0.02
31) 4-Chloroaniline-d4	10.586	131	20522m	1.938	ng/u1	0.03
46) Dimethylphthalate-d6	13.692	166	154284	7.916	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	171140	7.447	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	11709m	3.234	ng/u1	0.06
60) Fluorene-d10	15.274	176	137199	8.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	9963	3.234	ng/u1	0.00
73) Anthracene-d10	17.121	188	199800	7.710	ng/u1	0.00
81) Pyrene-d10	19.415	212	204564	6.780	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	158354	4.559	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.840	94	12604	1.199	ng/u1	96
16) Acetophenone	8.451	105	68258	5.557	ng/u1	99
52) Acenaphthene	14.339	153	25186	1.412	ng/u1	96
61) Fluorene	15.327	166	28139	1.445	ng/u1	94
72) Phenanthrene	17.062	178	543159	17.883	ng/u1	99
74) Anthracene	17.157	178	111510	3.658	ng/u1	99
77) Carbazole	17.433	167	51336	1.870	ng/u1	99
80) Fluoranthene	19.086	202	1192244	34.057	ng/u1	99
82) Pyrene	19.445	202	764573	20.142	ng/u1	99
85) Benzo(a)anthracene	21.227	228	590566	15.583	ng/u1	99
87) Chrysene	21.286	228	572678	15.725	ng/u1	97
90) Benzo(b)fluoranthene	23.227	252	789671	19.298	ng/u1	98
91) Benzo(k)fluoranthene	23.280	252	286114	7.013	ng/u1	97
93) Benzo(a)pyrene	23.991	252	263418	6.847	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.362	276	253140	5.063	ng/u1	96
95) Dibenzo(a,h)anthracene	27.397	278	99984	2.448	ng/u1#	89
96) Benzo(g,h,i)perylene	28.379	276	39543m	1.009	ng/u1	

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

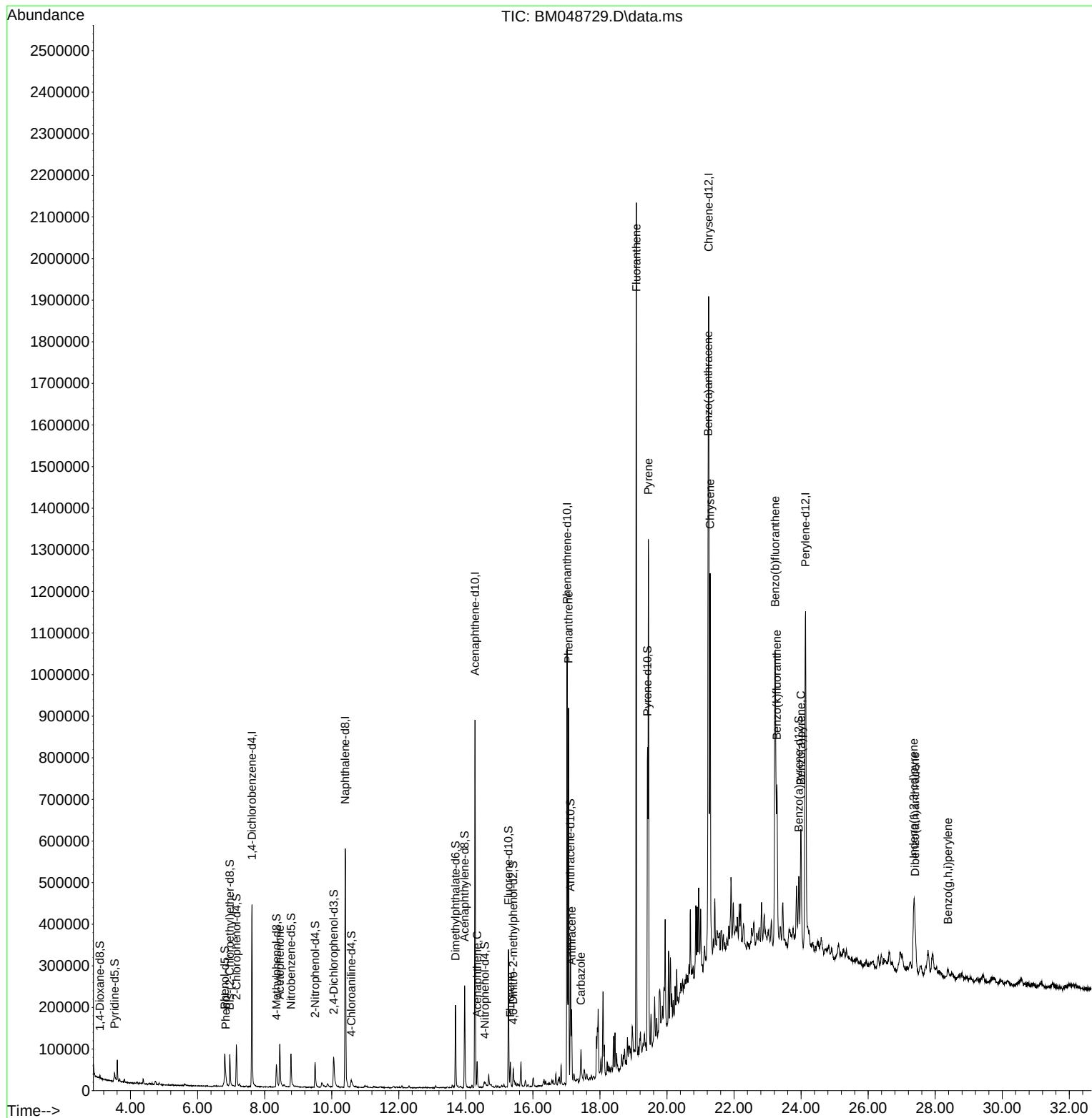
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
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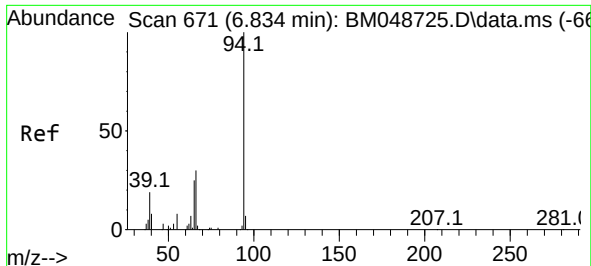
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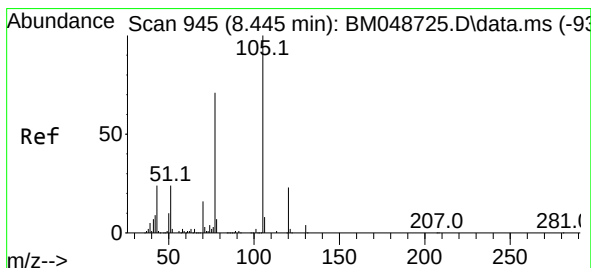
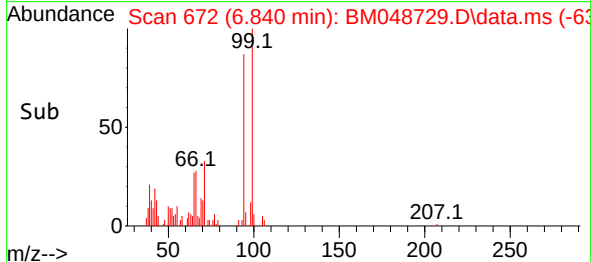
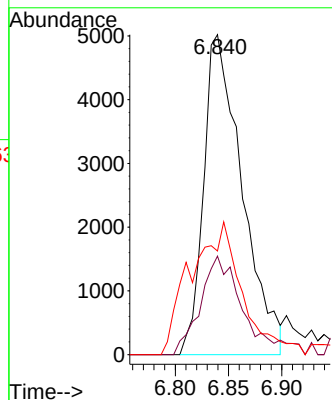
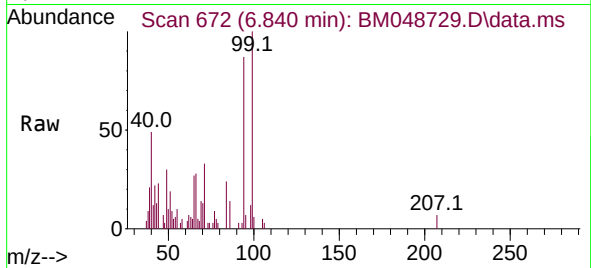
#8
Phenol
Concen: 1.199 ng/u1
RT: 6.840 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM048729.D
Acq: 16 Nov 2024 05:02

Instrument :
BNA_M
ClientSampleId :
BH9G2

Tgt Ion: 94 Resp: 12604
Ion Ratio Lower Upper
94 100
65 30.8 20.8 31.2
66 32.4 26.1 39.1

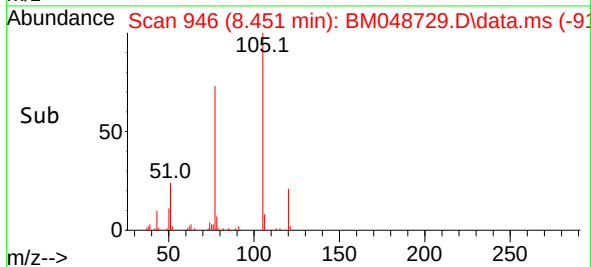
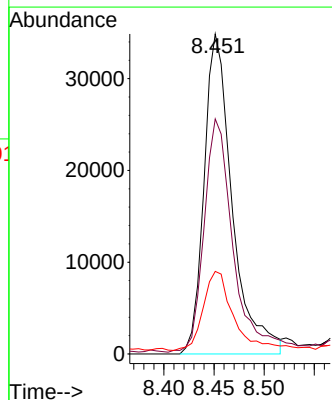
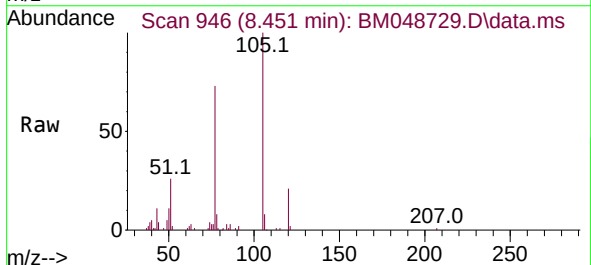
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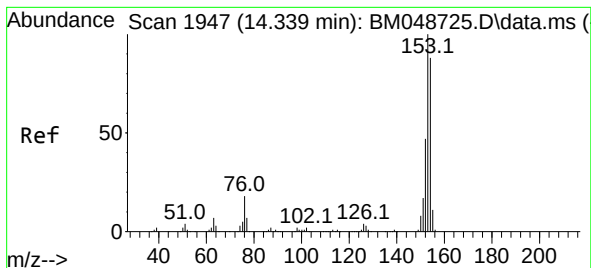
Reviewed By :Yogesh Patel 11/18/2024
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#16
Acetophenone
Concen: 5.557 ng/u1
RT: 8.451 min Scan# 946
Delta R.T. 0.006 min
Lab File: BM048729.D
Acq: 16 Nov 2024 05:02

Tgt Ion:105 Resp: 68258
Ion Ratio Lower Upper
105 100
77 73.4 59.7 89.5
51 25.8 20.6 31.0





#52

Acenaphthene

Concen: 1.412 ng/ul

RT: 14.339 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

Instrument :

BNA_M

ClientSampleId :

BH9G2

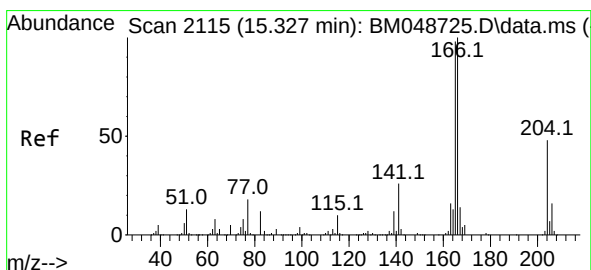
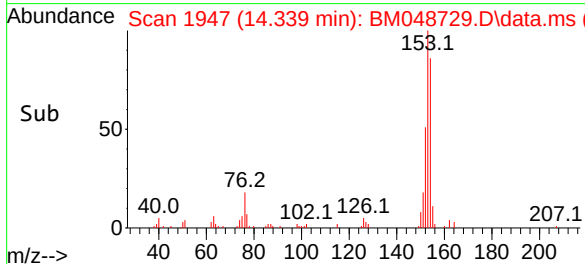
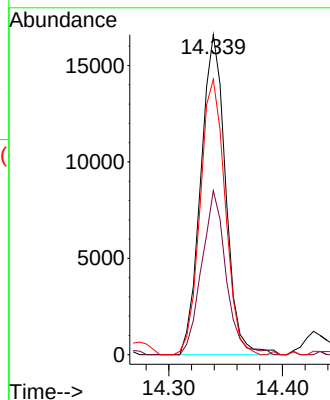
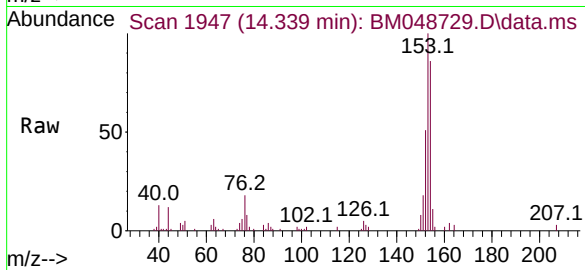
Tgt Ion:153	Resp:	25180
Ion Ratio	Lower	Upper
153	100	
152	51.3	38.3 57.5
154	86.1	71.1 106.7

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#61

Fluorene

Concen: 1.445 ng/ul

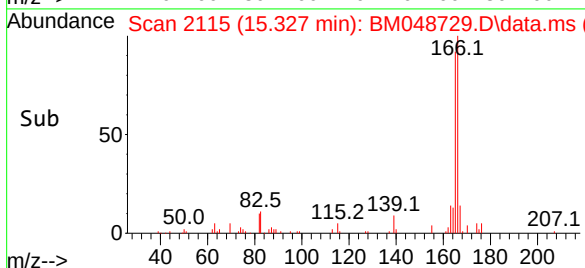
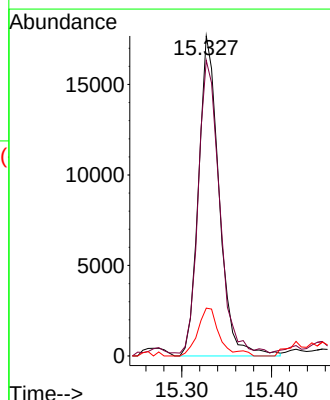
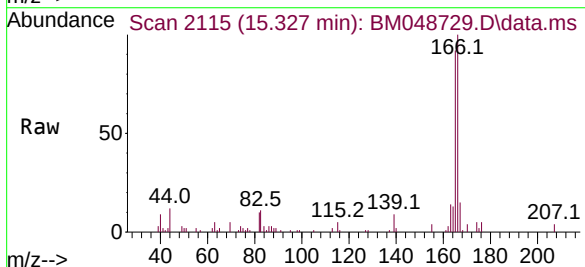
RT: 15.327 min Scan# 2115

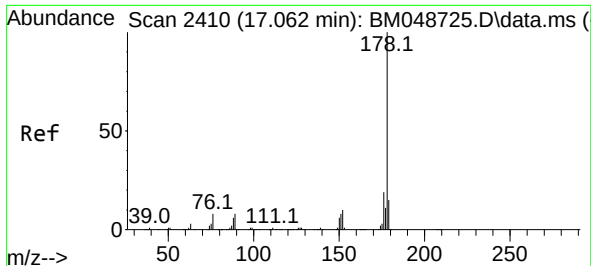
Delta R.T. 0.000 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

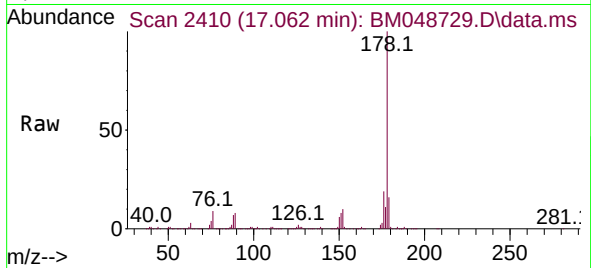
Tgt Ion:166	Resp:	28139
Ion Ratio	Lower	Upper
166	100	
165	92.3	78.7 118.1
167	14.9	11.0 16.6





#72
Phenanthrene
Concen: 17.883 ng/u1
RT: 17.062 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM048729.D
Acq: 16 Nov 2024 05:02

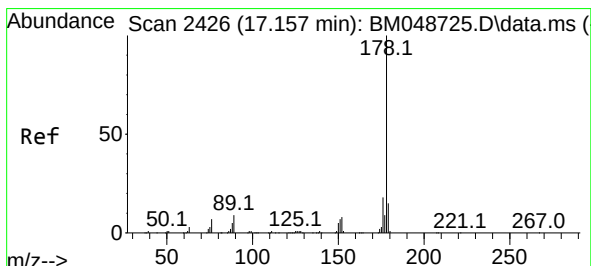
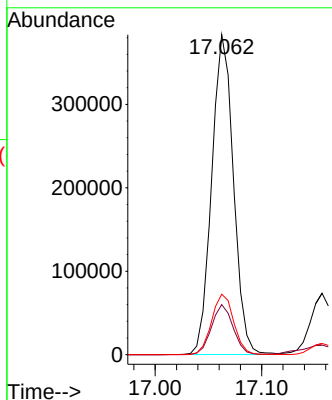
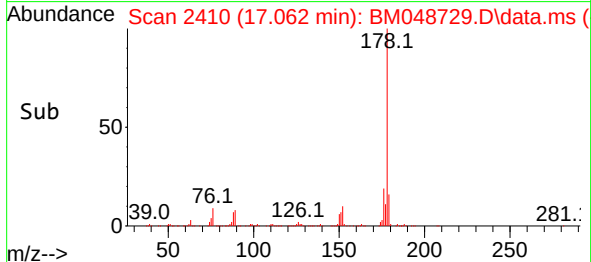
Instrument :
BNA_M
ClientSampleId :
BH9G2



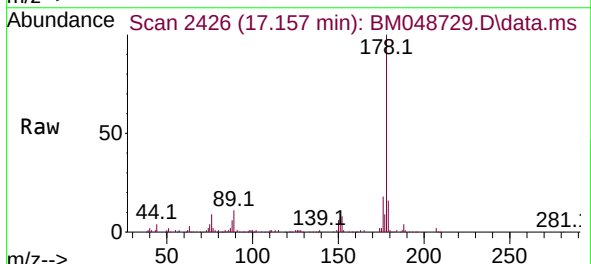
Tgt Ion:178 Resp: 543159
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 18.9 15.1 22.7

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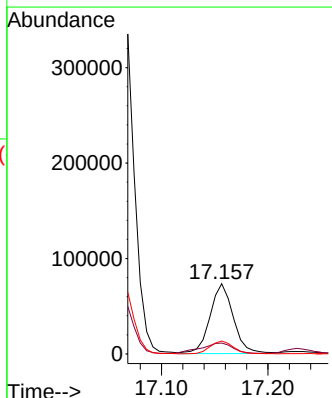
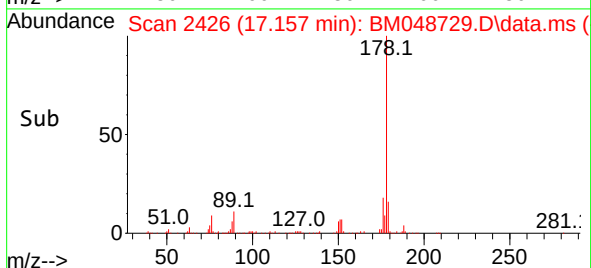
Reviewed By :Yogesh Patel 11/18/2024
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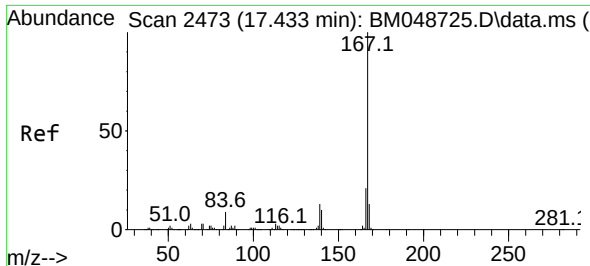


#74
Anthracene
Concen: 3.658 ng/u1
RT: 17.157 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM048729.D
Acq: 16 Nov 2024 05:02



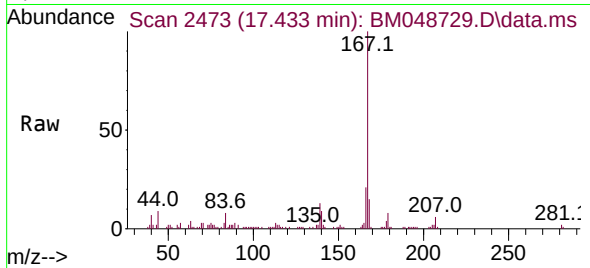
Tgt Ion:178 Resp: 111510
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.4 15.0 22.4





#77
 Carbazole
 Concen: 1.870 ng/ul
 RT: 17.433 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BM048729.D
 Acq: 16 Nov 2024 05:02

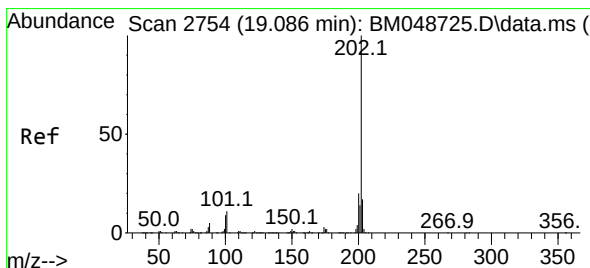
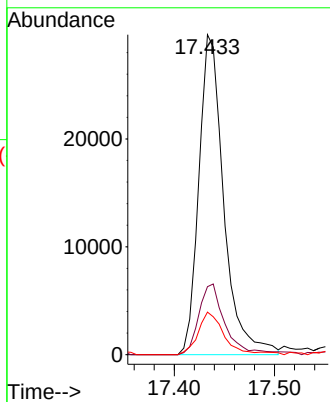
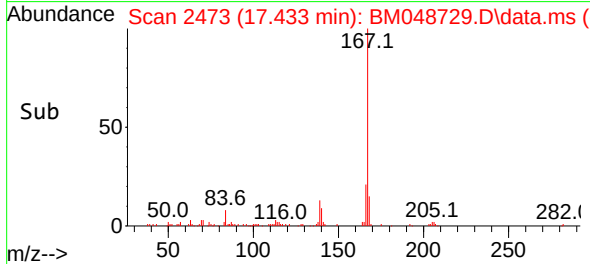
Instrument :
 BNA_M
 ClientSampleId :
 BH9G2



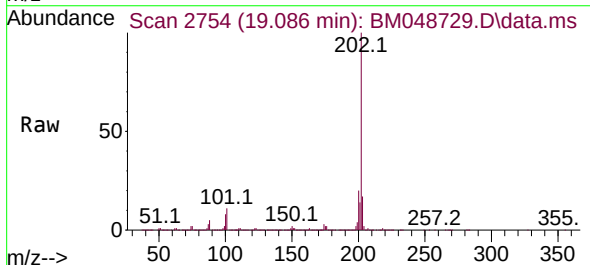
Tgt Ion:167 Resp: 51336
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.4 24.6
 139 13.3 10.3 15.5

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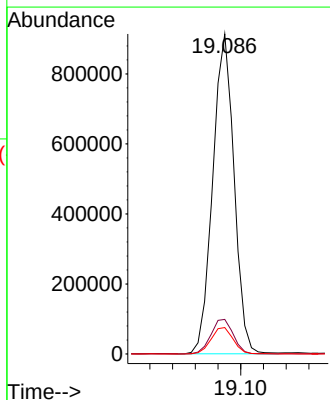
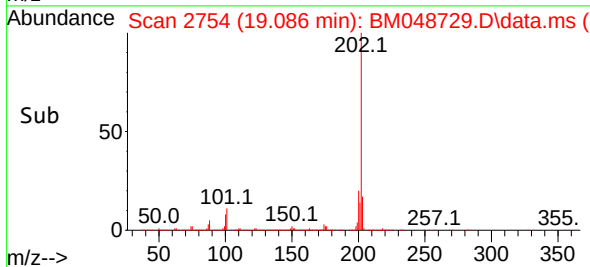
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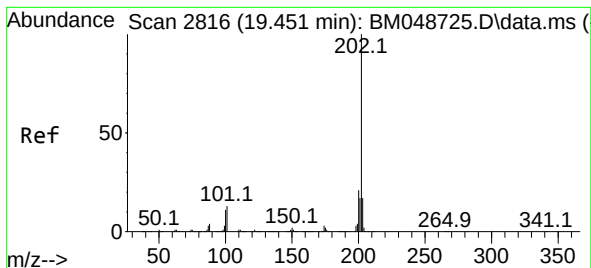


#80
 Fluoranthene
 Concen: 34.057 ng/ul
 RT: 19.086 min Scan# 2754
 Delta R.T. 0.000 min
 Lab File: BM048729.D
 Acq: 16 Nov 2024 05:02



Tgt Ion:202 Resp: 1192244
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.5 12.7
 100 8.2 7.0 10.4





#82

Pyrene

Concen: 20.142 ng/ul

RT: 19.445 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

Instrument :

BNA_M

ClientSampleId :

BH9G2

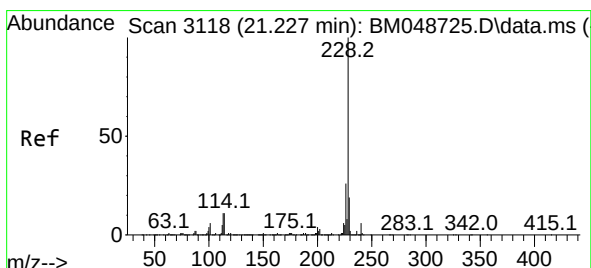
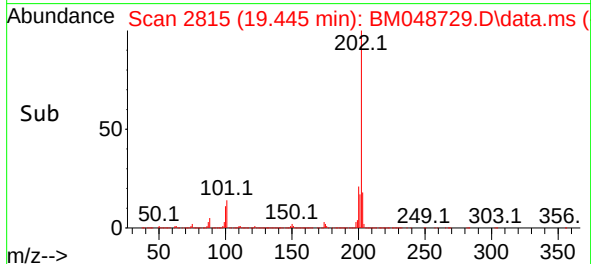
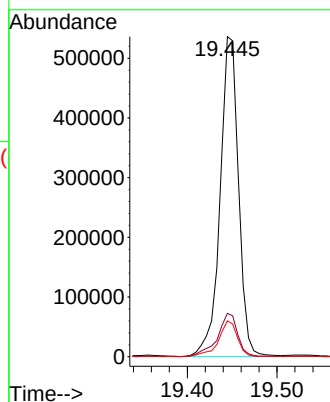
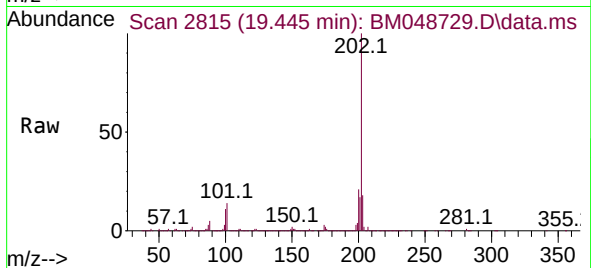
Tgt Ion:202 Resp: 76457
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.6 15.8
 100 11.2 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 15.583 ng/ul

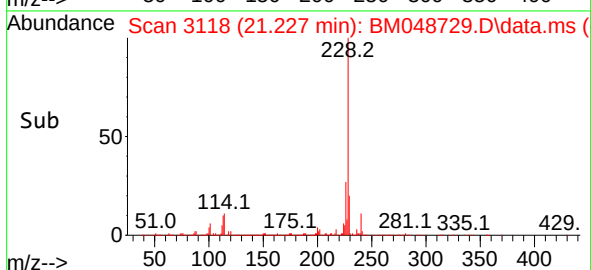
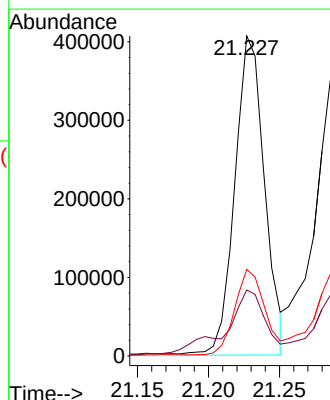
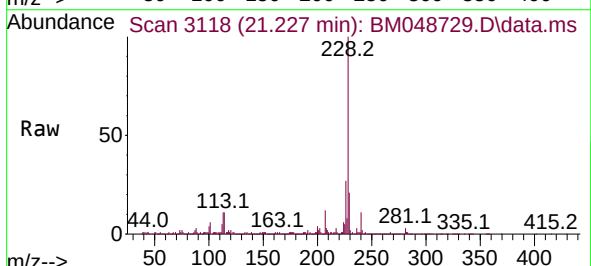
RT: 21.227 min Scan# 3118

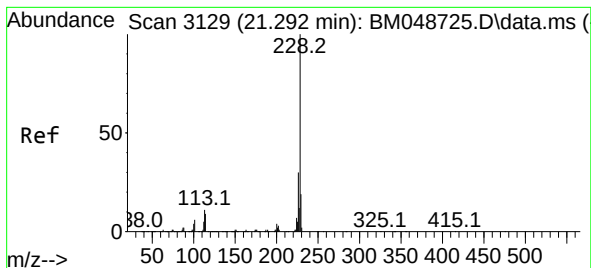
Delta R.T. -0.006 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

Tgt Ion:228 Resp: 590566
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.7 23.5
 226 27.0 21.7 32.5





#87

Chrysene

Concen: 15.725 ng/ul

RT: 21.286 min Scan# 3129

Delta R.T. -0.006 min

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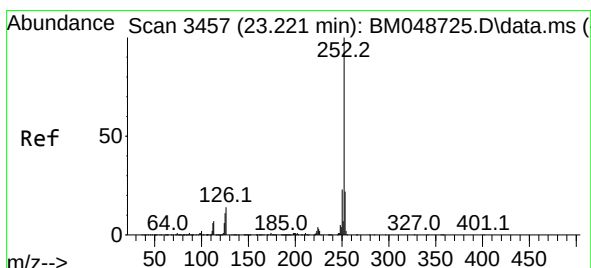
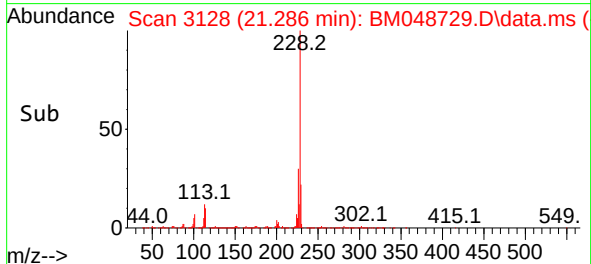
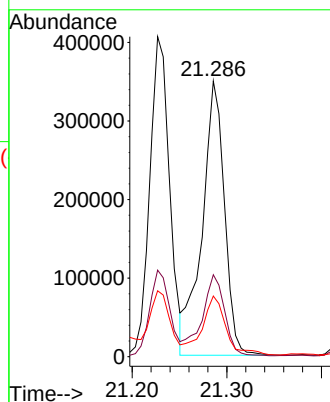
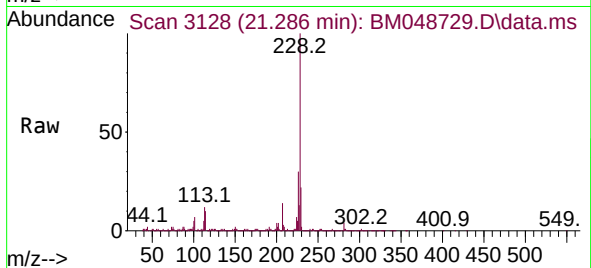
Tgt Ion:	228	Resp:	572678
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	22.0	15.6	23.4

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#90

Benzo(b)fluoranthene

Concen: 19.298 ng/ul

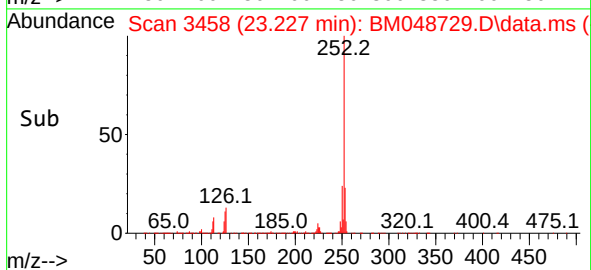
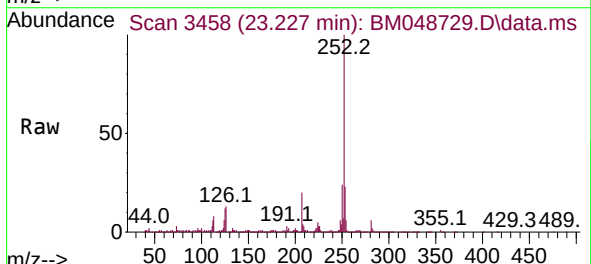
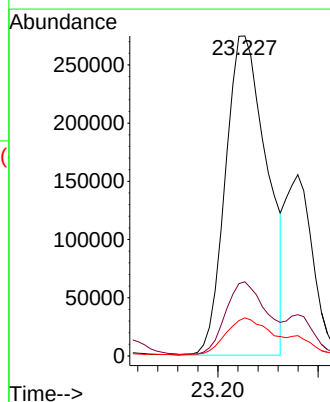
RT: 23.227 min Scan# 3458

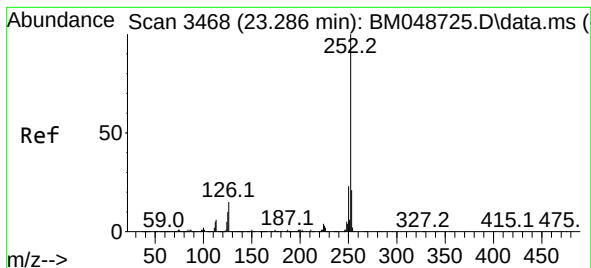
Delta R.T. 0.000 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

Tgt Ion:	252	Resp:	789671
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	11.9	8.7	13.1





#91

Benzo(k)fluoranthene

Concen: 7.013 ng/u1

RT: 23.280 min Scan# 3468

Delta R.T. -0.006 min

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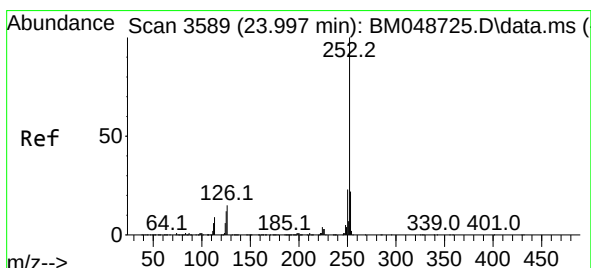
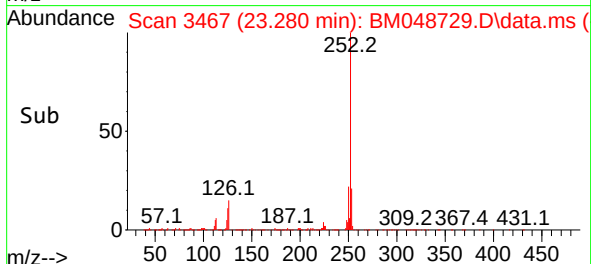
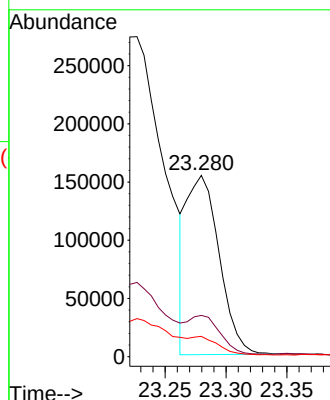
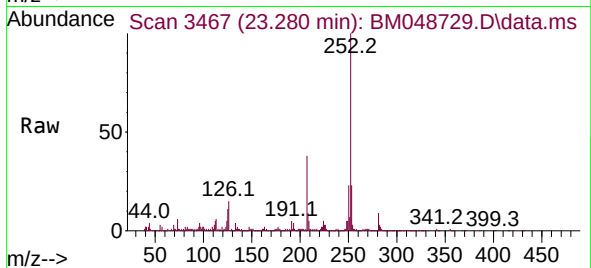
Tgt Ion:	252	Resp:	286114
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	11.2	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#93

Benzo(a)pyrene

Concen: 6.847 ng/u1

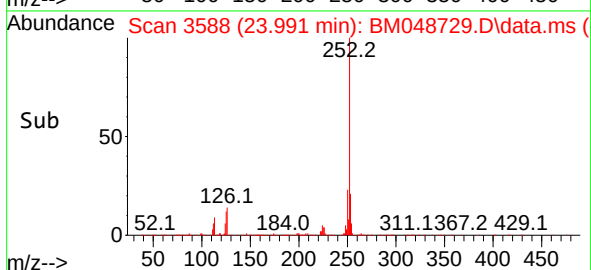
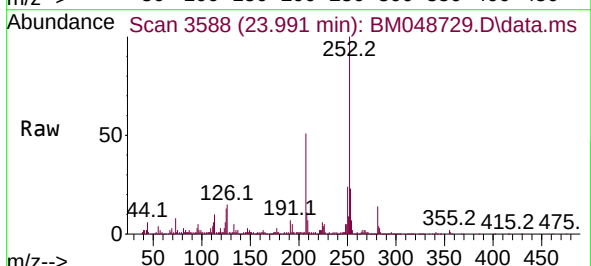
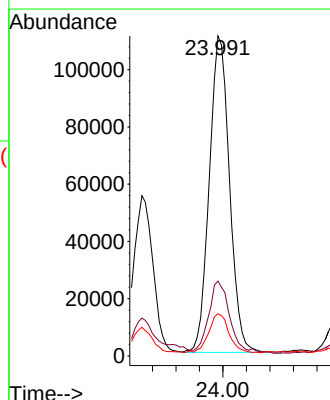
RT: 23.991 min Scan# 3588

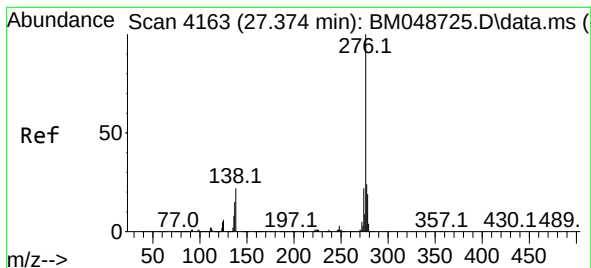
Delta R.T. -0.006 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

Tgt Ion:	252	Resp:	263418
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	13.2	9.1	13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.063 ng/ul

RT: 27.362 min Scan# 4161

Delta R.T. -0.012 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

Instrument :

BNA_M

ClientSampleId :

BH9G2

Tgt Ion:276 Resp: 253140

Ion Ratio Lower Upper

276 100

138 22.8 16.2 24.2

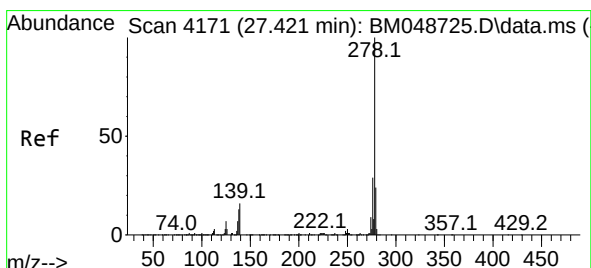
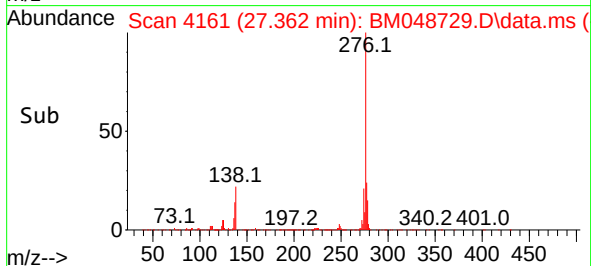
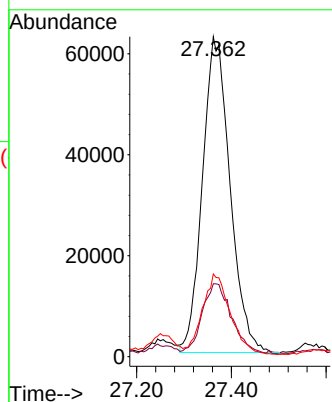
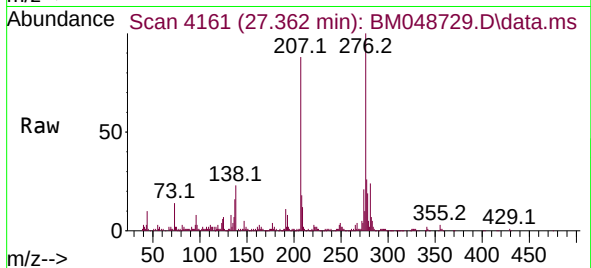
277 25.9 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.448 ng/ul

RT: 27.397 min Scan# 4167

Delta R.T. -0.018 min

Lab File: BM048729.D

Acq: 16 Nov 2024 05:02

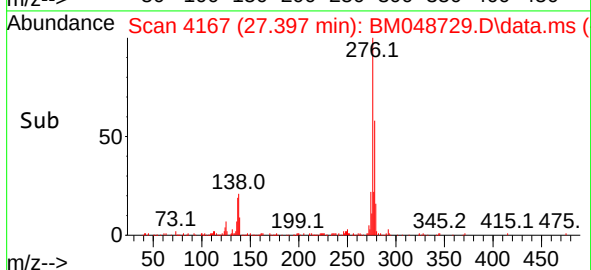
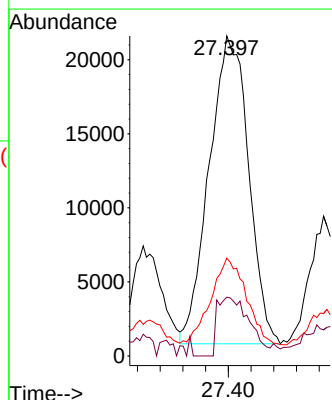
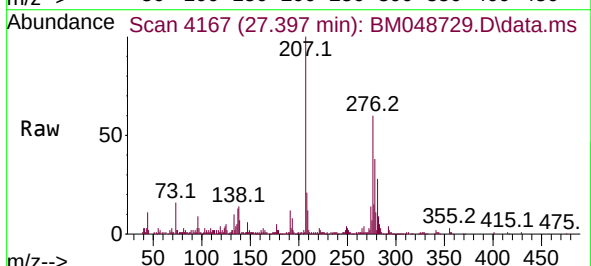
Tgt Ion:278 Resp: 99984

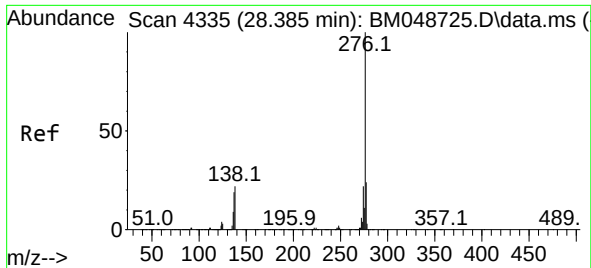
Ion Ratio Lower Upper

278 100

139 18.4 12.6 18.8

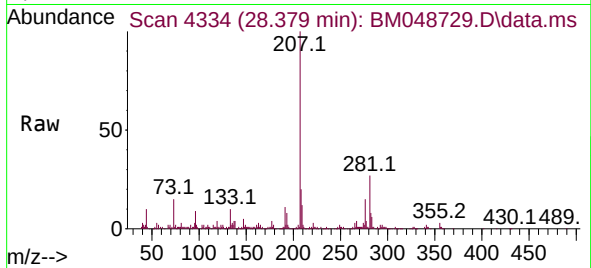
279 30.5 19.0 28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 1.009 ng/ul m
 RT: 28.379 min Scan# 4
 Delta R.T. -0.006 min
 Lab File: BM048729.D
 Acq: 16 Nov 2024 05:02

Instrument :
 BNA_M
 ClientSampleId :
 BH9G2



Tgt Ion: 276 Resp: 3954
 Ion Ratio Lower Upper
 276 100
 138 26.4 17.6 26.4
 277 28.3 18.6 28.0

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 11/18/2024
 Supervised By : mohammad ahmed 11/18/2024

