

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038876.D
 Acq On : 06 Mar 2023 17:58
 Operator : CG/JU
 Sample : 01746-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAC7

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Mar 06 23:59:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	279679	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1253174	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	793411	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1685837	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1578020	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1872392	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	31163	4.161	ng/uL	0.00
4) Pyridine-d5	3.804	84	169270	8.220	ng/u1	0.00
7) Phenol-d5	7.151	99	143408	5.469	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	474595	28.328	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	440021	22.521	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	278194	13.468	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	285553	32.458	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	274641	33.316	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	493154	25.744	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	703140	22.022	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1932040	31.440	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2114063	29.434	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	56289	4.576	ng/u1	0.00
60) Fluorene-d10	15.627	176	1694289	31.262	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	273767	31.236	ng/u1	0.00
73) Anthracene-d10	17.480	188	2826608	34.003	ng/u1	0.00
81) Pyrene-d10	19.768	212	3267358	37.646	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3373141	35.748	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.016	107	38097	1.586	ng/u1	90
30) Naphthalene	10.874	128	17822740	249.240	ng/u1#	89
36) 2-Methylnaphthalene	12.474	142	1328736	28.468	ng/u1	99
37) 1-Methylnaphthalene	12.692	142	962035	20.456	ng/u1	100
42) 2,4,5-Trichlorophenol	13.139	196	27590	1.675	ng/u1	94
43) 1,1'-Biphenyl	13.480	154	694128	11.092	ng/u1	98
50) Acenaphthylene	14.363	152	171695	2.155	ng/u1	97
52) Acenaphthene	14.704	153	1499800	27.353	ng/u1	99
56) Dibenzofuran	15.039	168	2027627	26.637	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	53921m	3.759	ng/u1	
61) Fluorene	15.686	166	735237	11.520	ng/u1	98
71) Pentachlorophenol	17.027	266	196073	15.344	ng/u1	99
72) Phenanthrene	17.427	178	1095560	11.248	ng/u1	99
77) Carbazole	17.786	167	5397940	58.612	ng/u1	100

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

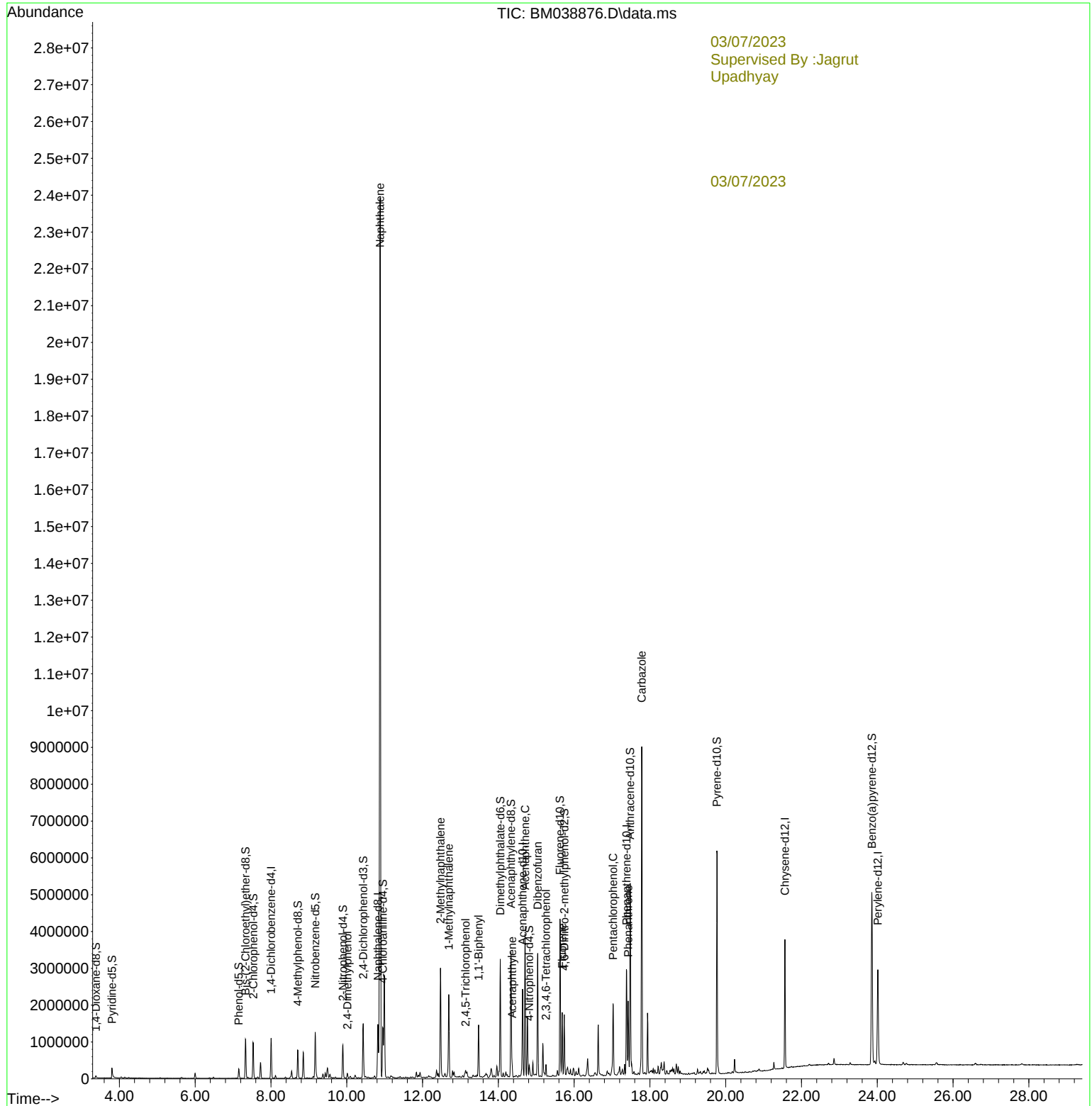
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
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Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

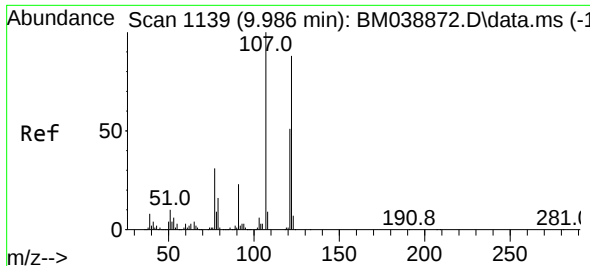
Instrument :
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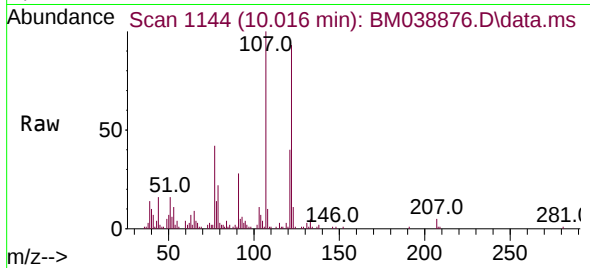
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#26
2,4-Dimethylphenol
Concen: 1.586 ng/ul
RT: 10.016 min Scan# 1139
Delta R.T. 0.029 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

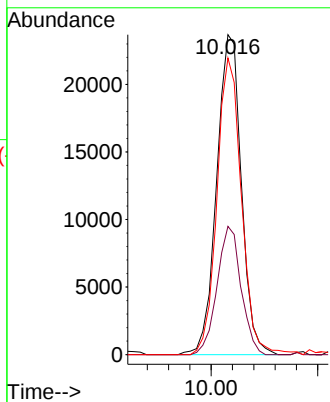
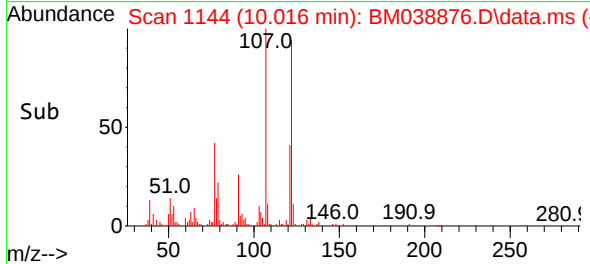
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:107 Resp: 3809
Ion Ratio Lower Upper
107 100
121 40.1 39.8 59.8
122 92.7 69.0 103.4

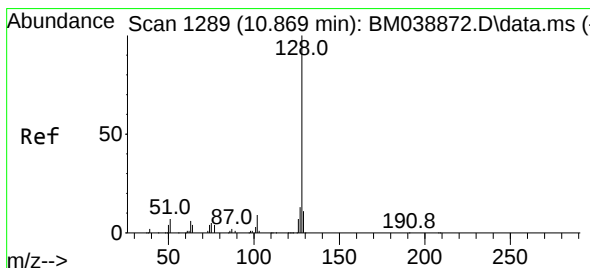
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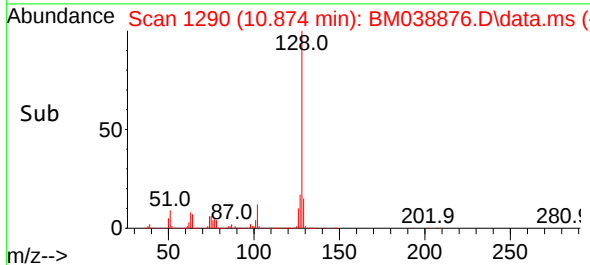
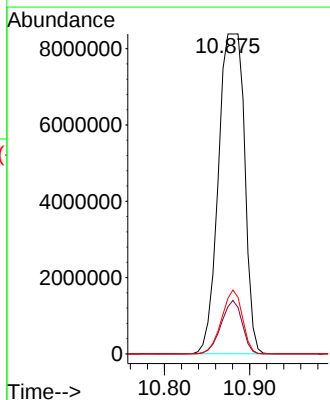
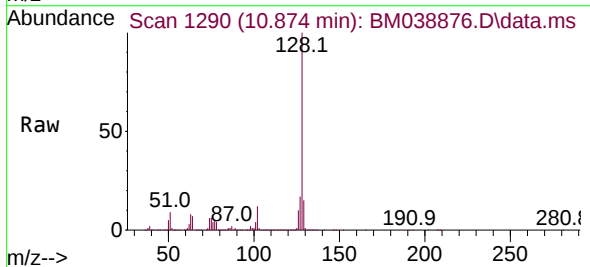
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Upadhyay

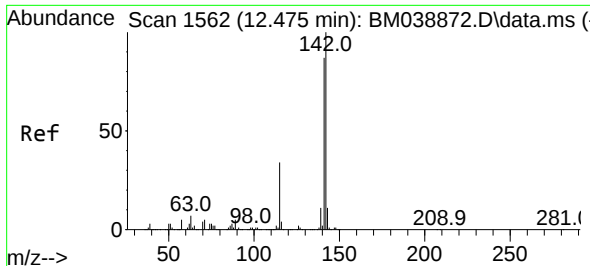
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#30
Naphthalene
Concen: 249.240 ng/ul
RT: 10.874 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

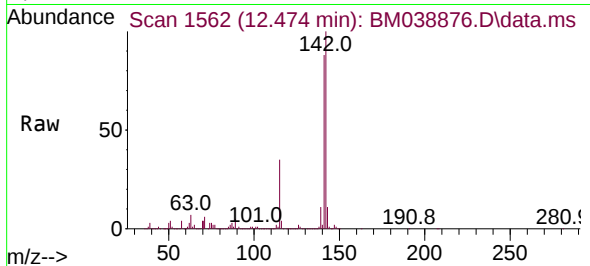
Tgt Ion:128 Resp:17822740
Ion Ratio Lower Upper
128 100
129 14.7 8.6 12.8#
127 17.4 10.2 15.4#





#36
2-Methylnaphthalene
Concen: 28.468 ng/ul
RT: 12.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

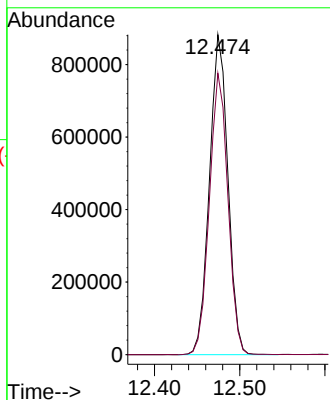
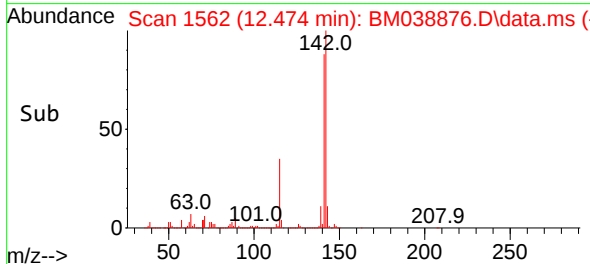
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 1328736
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6

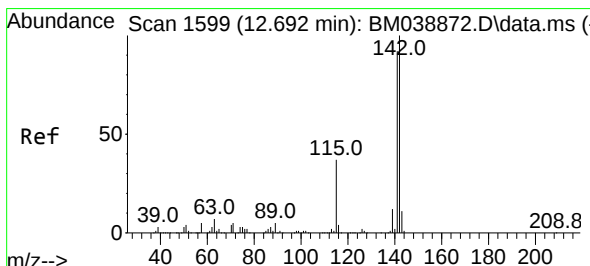
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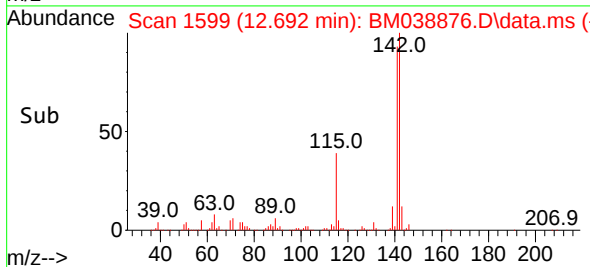
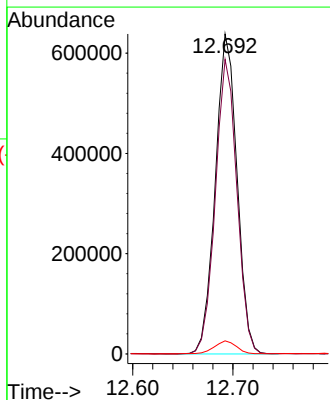
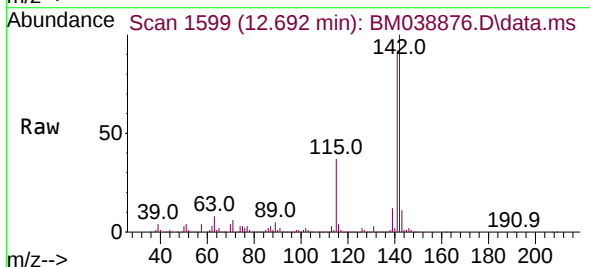
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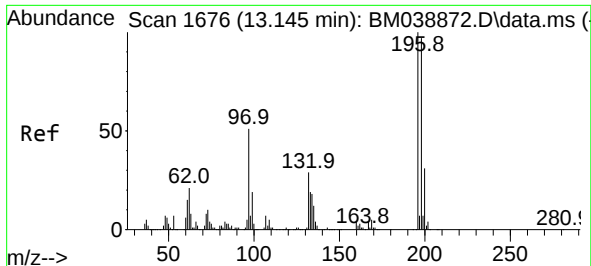
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#37
1-Methylnaphthalene
Concen: 20.456 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

Tgt Ion:142 Resp: 962035
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 4.1 3.2 4.8





#42

2,4,5-Trichlorophenol

Concen: 1.675 ng/ul

RT: 13.139 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BM038876.D

Acq: 06 Mar 2023 17:58

Instrument :

BNA_M

ClientSampleId :

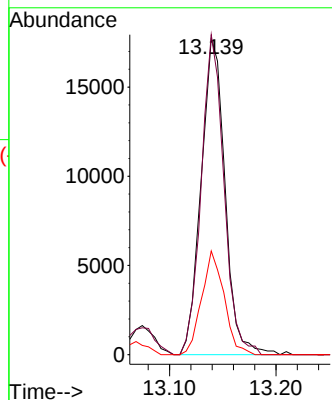
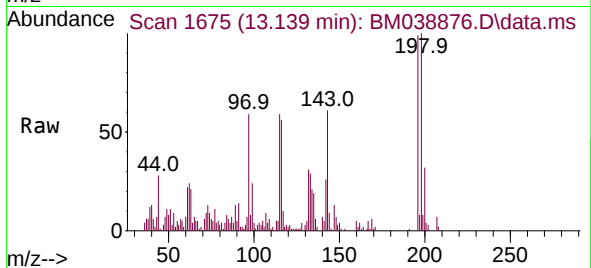
DCAC7

Tgt Ion:196 Resp: 27590

Ion	Ratio	Lower	Upper
196	100		
198	101.2	77.5	116.3
200	36.6	24.8	37.2

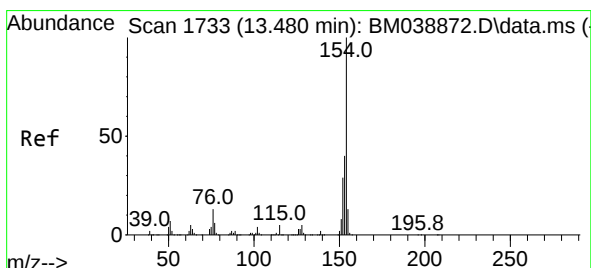
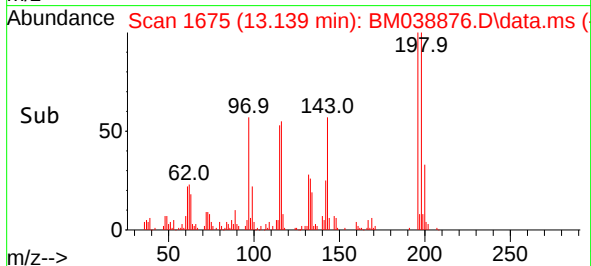
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#43

1,1'-Biphenyl

Concen: 11.092 ng/ul

RT: 13.480 min Scan# 1733

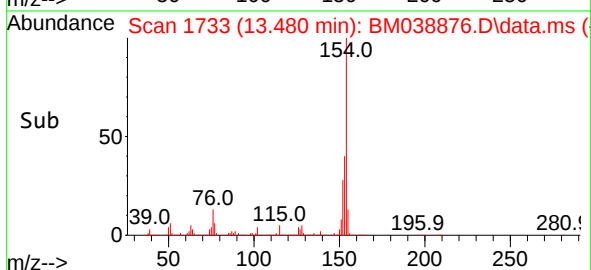
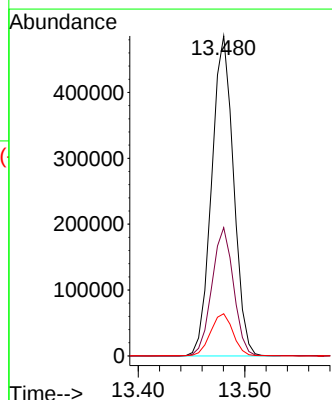
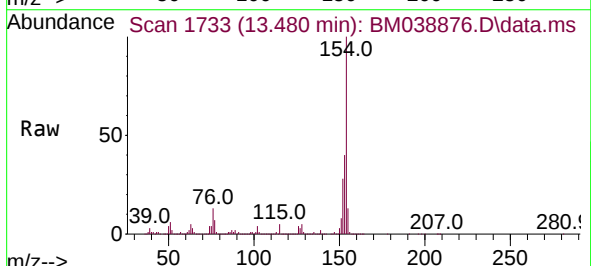
Delta R.T. -0.000 min

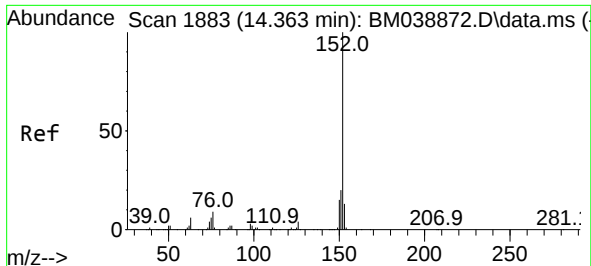
Lab File: BM038876.D

Acq: 06 Mar 2023 17:58

Tgt Ion:154 Resp: 694128

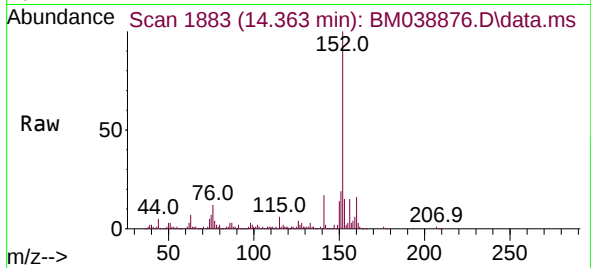
Ion	Ratio	Lower	Upper
154	100		
153	40.1	31.3	46.9
76	13.2	11.0	16.6





#50
Acenaphthylene
Concen: 2.155 ng/ul
RT: 14.363 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

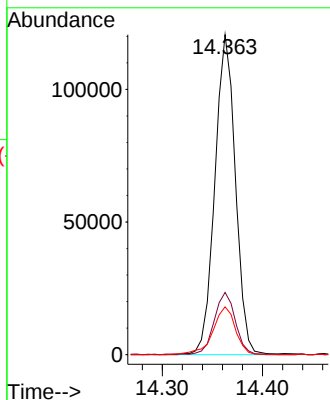
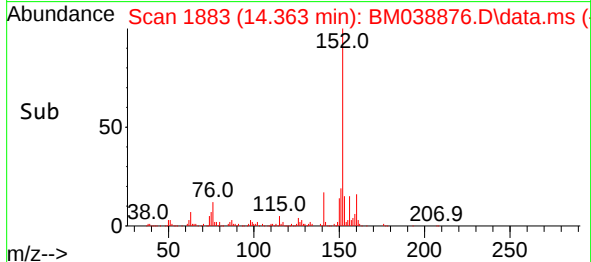
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:152 Resp: 171695
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 14.9 10.4 15.6

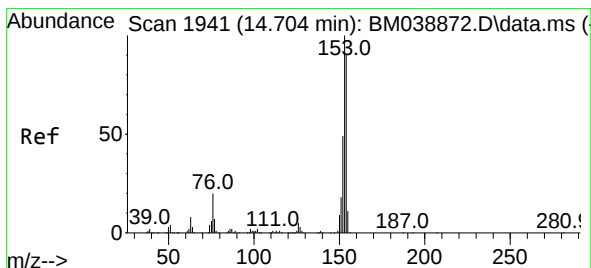
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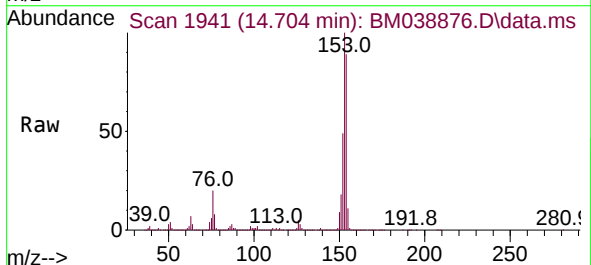


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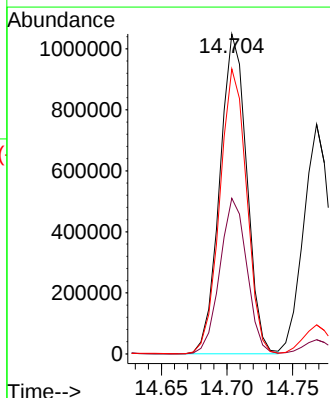
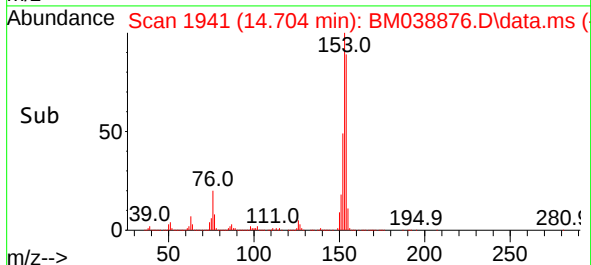
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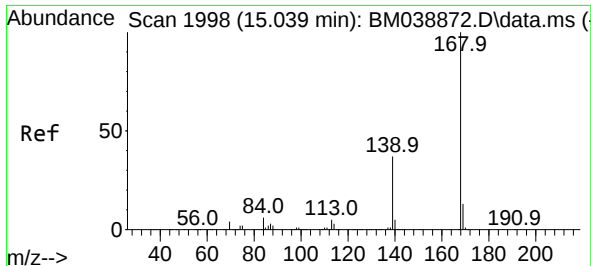


#52
Acenaphthene
Concen: 27.353 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58



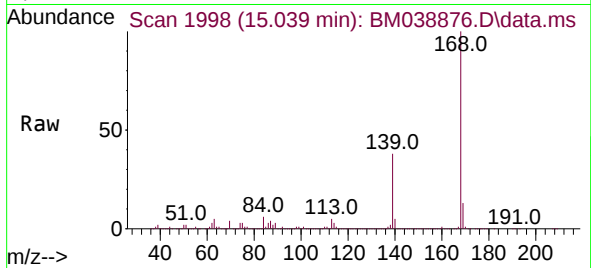
Tgt Ion:153 Resp: 1499800
Ion Ratio Lower Upper
153 100
152 48.6 39.1 58.7
154 89.1 70.4 105.6





#56
Dibenzenofuran
Concen: 26.637 ng/ul
RT: 15.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

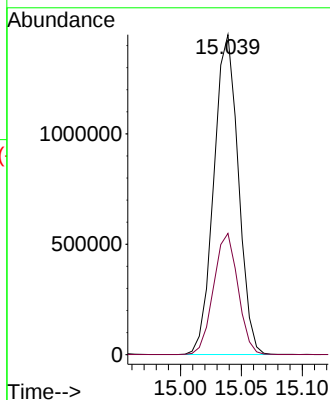
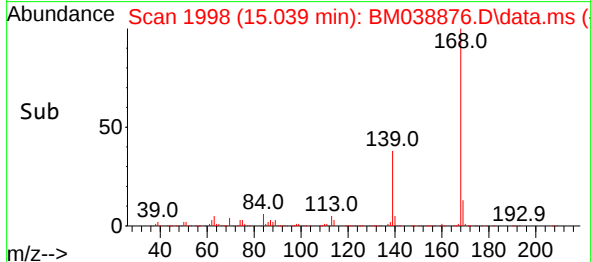
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:168 Resp: 202762
Ion Ratio Lower Upper
168 100
139 37.9 30.9 46.3

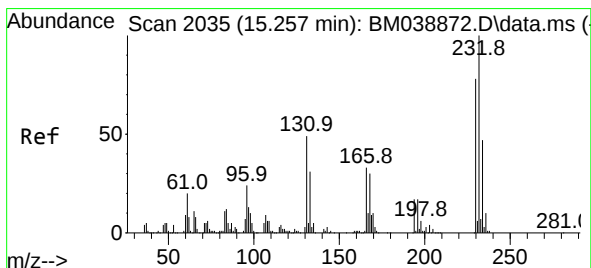
Manual Integrations
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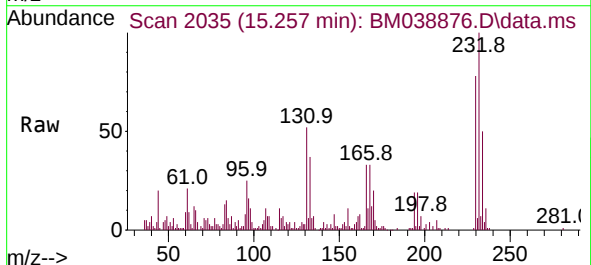


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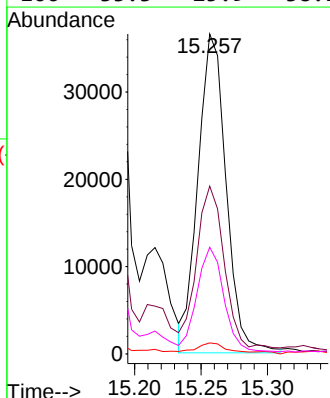
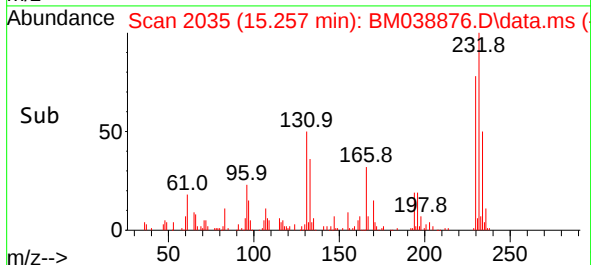
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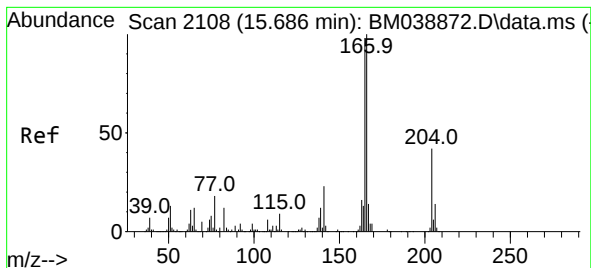


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.759 ng/ul m
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58



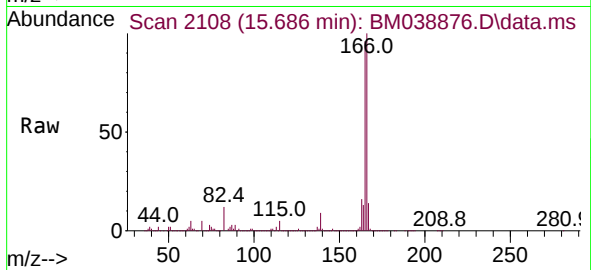
Tgt Ion:232 Resp: 53921
Ion Ratio Lower Upper
232 100
131 52.4 40.6 60.8
130 3.4 2.0 3.0#
166 33.3 25.9 38.9





#61
Fluorene
Concen: 11.520 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

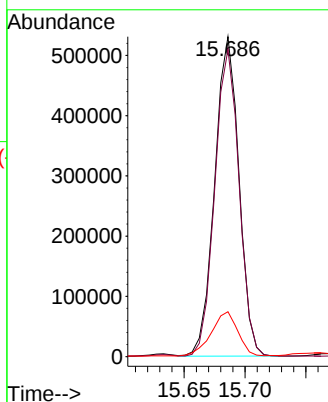
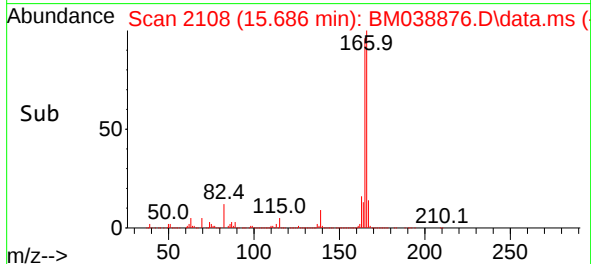
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:166 Resp: 73523
Ion Ratio Lower Upper
166 100
165 96.0 78.2 117.4
167 14.1 10.5 15.7

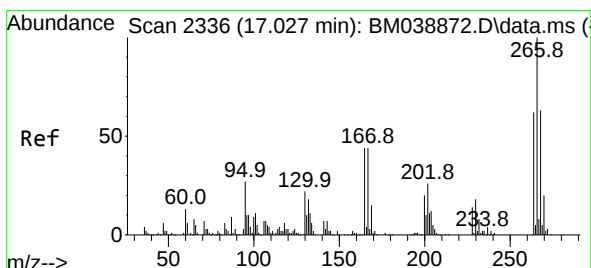
Manual Integrations
APPROVED

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Giraldo

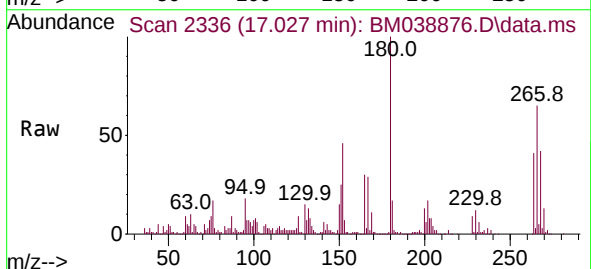


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Supervised By :Jagrut
Upadhyay

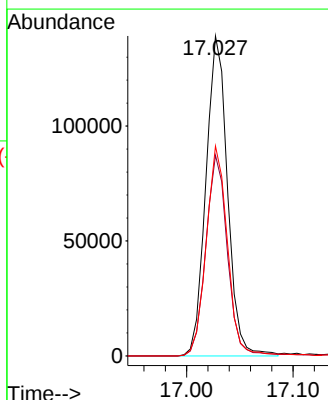
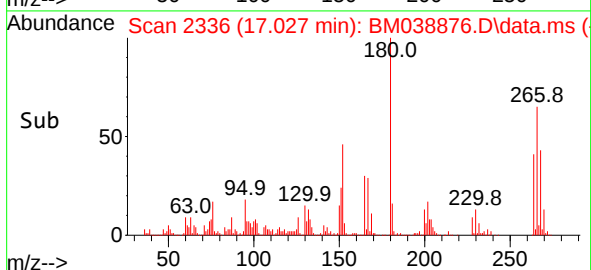
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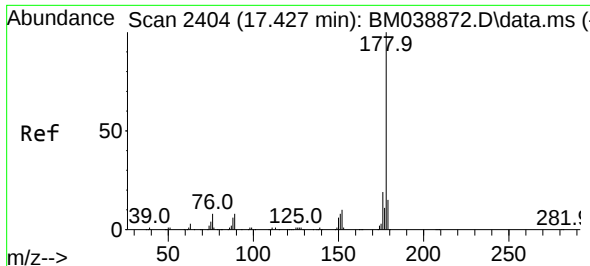


#71
Pentachlorophenol
Concen: 15.344 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58



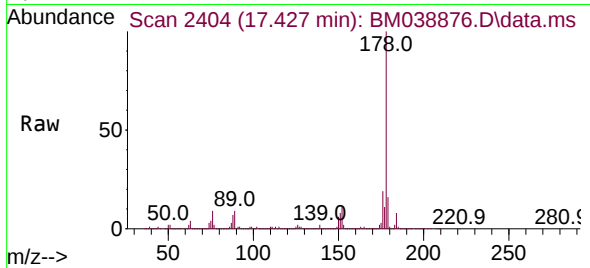
Tgt Ion:266 Resp: 196073
Ion Ratio Lower Upper
266 100
264 62.7 51.0 76.6
268 65.6 51.7 77.5





#72
Phenanthrene
Concen: 11.248 ng/ul
RT: 17.427 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58

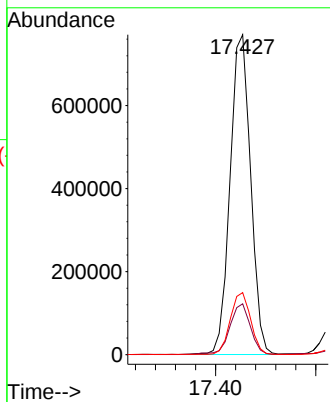
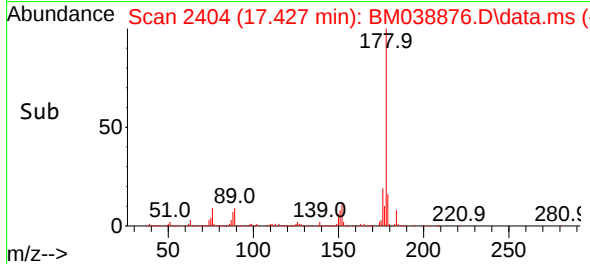
Instrument :
BNA_M
ClientSampleId :
DCAC7



Tgt Ion:178 Resp: 1095560
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.4 15.7 23.5

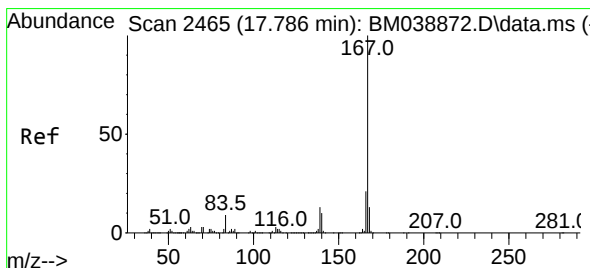
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

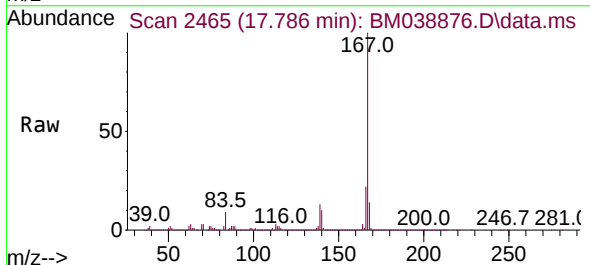


03/07/2023
Supervised By :Jagrut
Upadhyay

03/07/2023



#77
Carbazole
Concen: 58.612 ng/ul
RT: 17.786 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BM038876.D
Acq: 06 Mar 2023 17:58



Tgt Ion:167 Resp: 5397940
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.4 10.6 16.0

