

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042889.D
 Acq On : 18 Nov 2023 19:45
 Operator : MA/JU
 Sample : 05268-17DL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKE3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 22:38:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	24473	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	98393	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	62038	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	144037	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	146544	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	178045	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	747m	0.958	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.034	99	1262m	0.530	ng/u1	0.06
9) Bis-(2-Chloroethyl)eth...	7.175	67	9642m	5.761	ng/u1	0.02
11) 2-Chlorophenol-d4	7.351	132	5833	3.174	ng/u1	0.02
15) 4-Methylphenol-d8	8.563	113	3021m	1.611	ng/u1	0.03
21) Nitrobenzene-d5	9.028	128	3816m	4.424	ng/u1	0.01
24) 2-Nitrophenol-d4	9.739	143	3645	3.612	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.281	165	7575m	4.037	ng/u1	0.04
31) 4-Chloroaniline-d4	10.834	131	9076m	3.810	ng/u1	0.04
46) Dimethylphthalate-d6	13.892	166	38302	6.523	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	36259	5.772	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.463	176	31713	6.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	3158m	2.894	ng/u1	0.01
73) Anthracene-d10	17.327	188	51737	6.409	ng/u1	0.00
81) Pyrene-d10	19.621	212	75026	7.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	74456	6.991	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.675	128	187723	30.454	ng/u1	99
36) 2-Methylnaphthalene	12.298	142	8251	1.997	ng/u1	92
37) 1-Methylnaphthalene	12.516	142	11198	2.578	ng/u1	87
43) 1,1'-Biphenyl	13.310	154	9922	1.918	ng/u1	98
52) Acenaphthene	14.533	153	25612	5.380	ng/u1	95
56) Dibenzofuran	14.880	168	33783	5.113	ng/u1	100
61) Fluorene	15.527	166	6550	1.168	ng/u1	99
71) Pentachlorophenol	16.868	266	3425	2.538	ng/u1	96
72) Phenanthrene	17.268	178	18336	2.038	ng/u1	97
77) Carbazole	17.657	167	107585	14.395	ng/u1	99

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

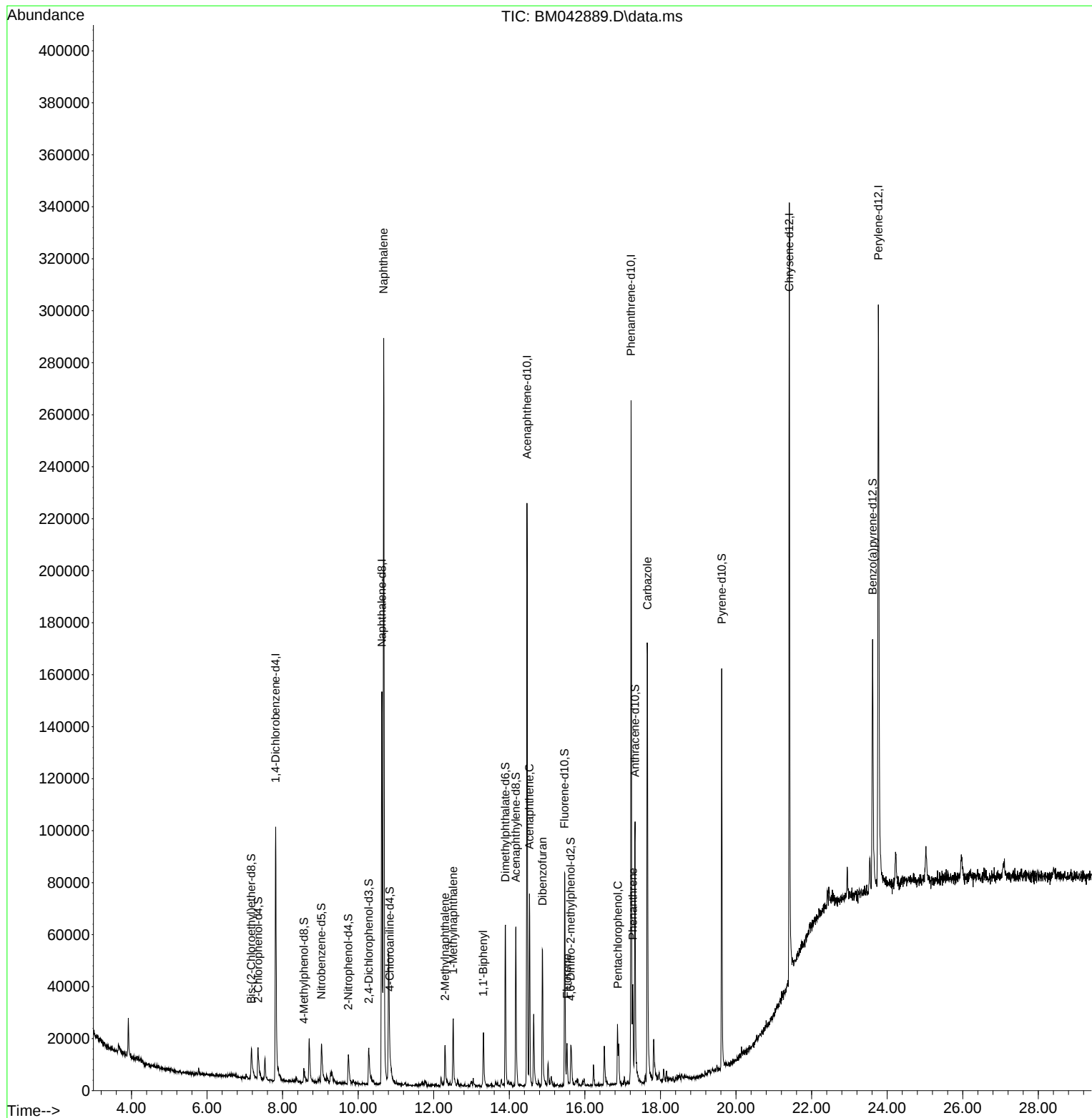
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
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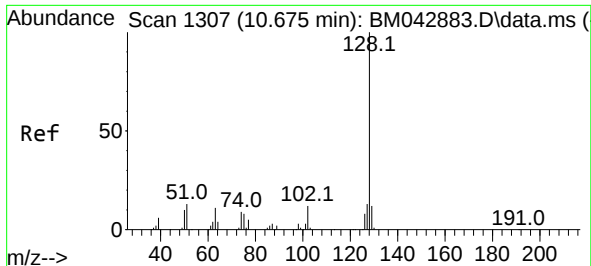
Instrument :
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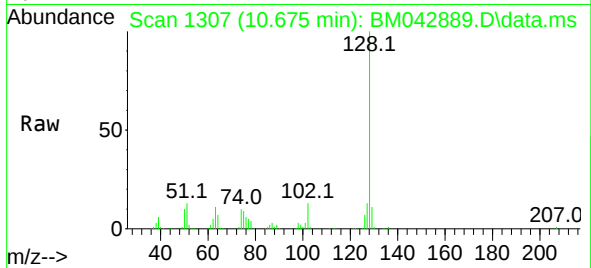
Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023





#30
Naphthalene
Concen: 30.454 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

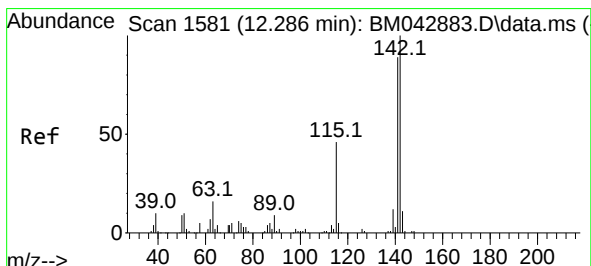
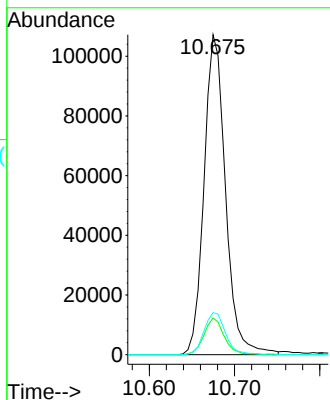
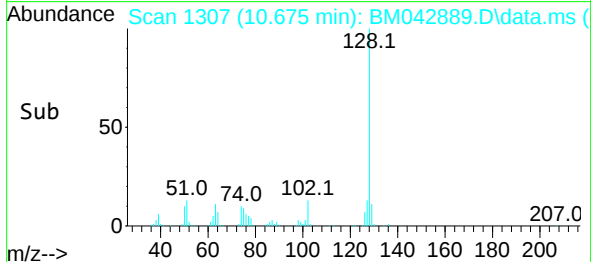
Instrument :
BNA_M
ClientSampleId :
DCKE3DL



Tgt Ion:128 Resp: 18772
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.2 10.5 15.7

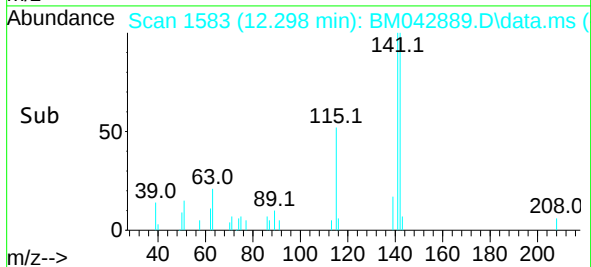
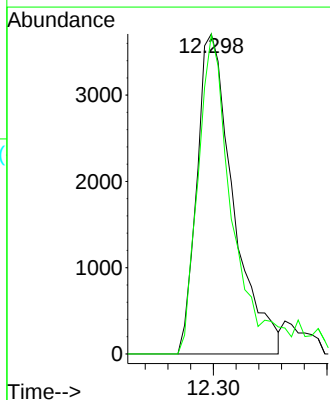
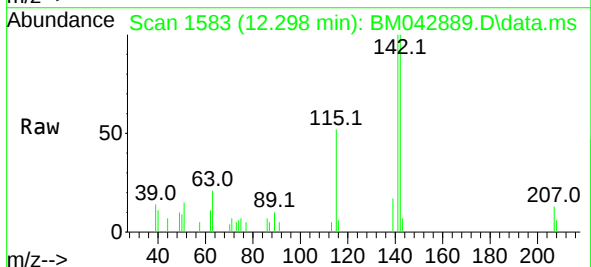
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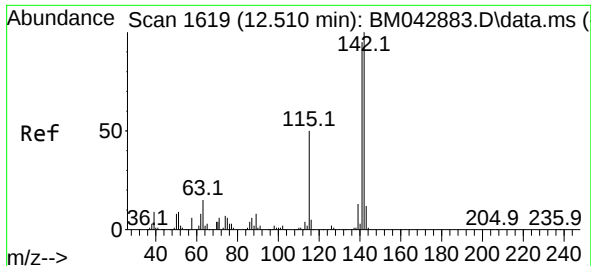
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#36
2-Methylnaphthalene
Concen: 1.997 ng/ul
RT: 12.298 min Scan# 1583
Delta R.T. 0.012 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

Tgt Ion:142 Resp: 8251
Ion Ratio Lower Upper
142 100
141 99.7 73.6 110.4





#37

1-Methylnaphthalene

Concen: 2.578 ng/ul

RT: 12.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM042889.D

Acq: 18 Nov 2023 19:45

Instrument :

BNA_M

ClientSampleId :

DCKE3DL

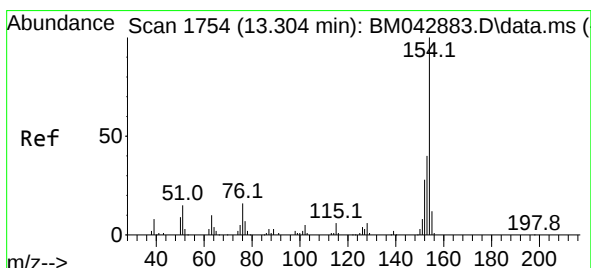
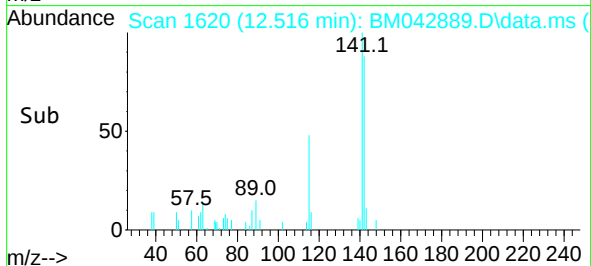
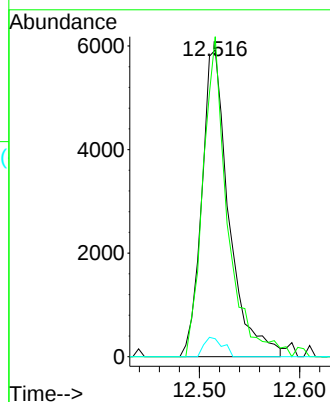
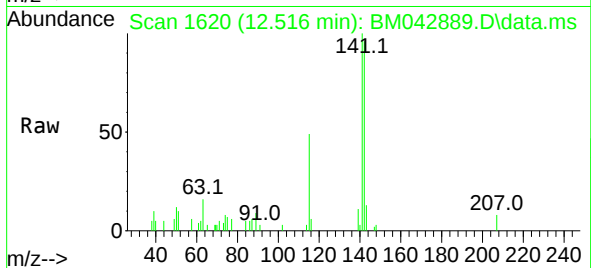
Tgt Ion:142	Resp:	11198
Ion Ratio	Lower	Upper
142	100	
141	104.3	73.3 109.9
116	5.8	3.9 5.9

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#43

1,1'-Biphenyl

Concen: 1.918 ng/ul

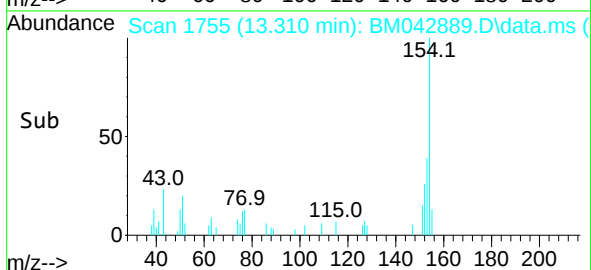
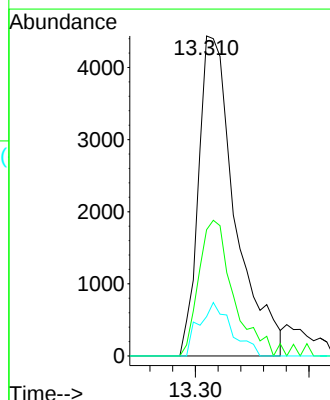
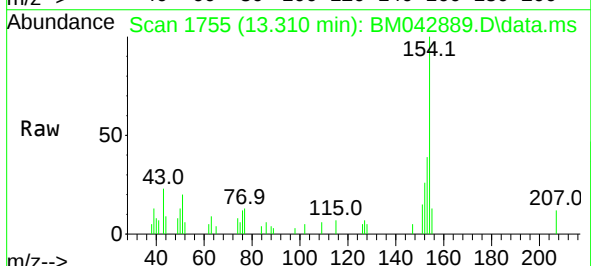
RT: 13.310 min Scan# 1755

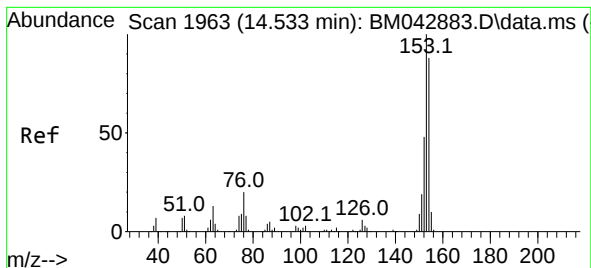
Delta R.T. 0.006 min

Lab File: BM042889.D

Acq: 18 Nov 2023 19:45

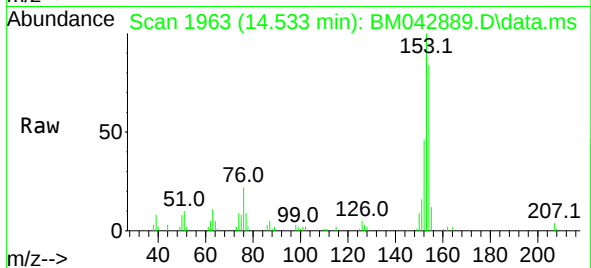
Tgt Ion:154	Resp:	9922
Ion Ratio	Lower	Upper
154	100	
153	39.4	32.4 48.6
76	12.3	10.7 16.1





#52
Acenaphthene
Concen: 5.380 ng/u1
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

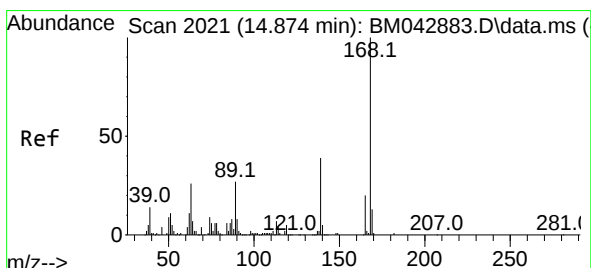
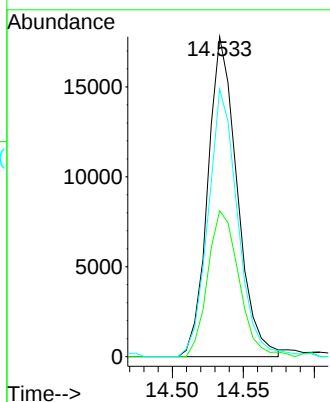
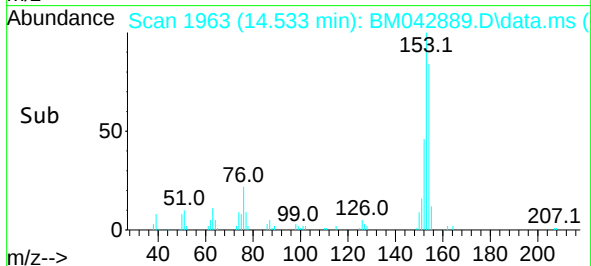
Instrument :
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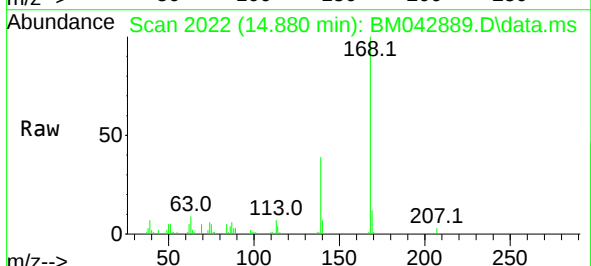
Tgt Ion:153 Resp: 2561
Ion Ratio Lower Upper
153 100
152 45.6 38.2 57.2
154 83.6 71.3 106.9

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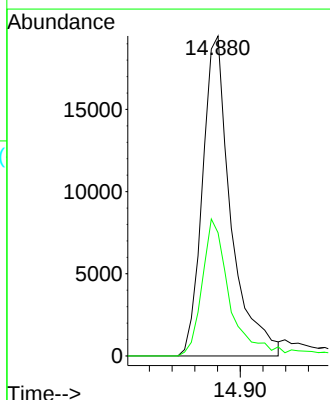
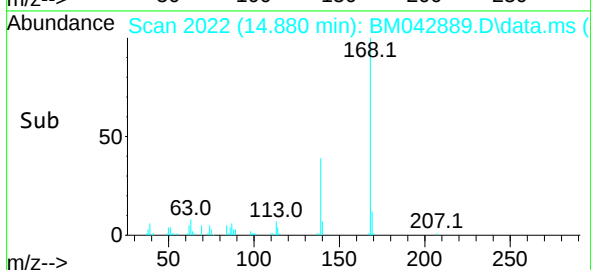
Reviewed By :Yogesh Patel 11/20/2023
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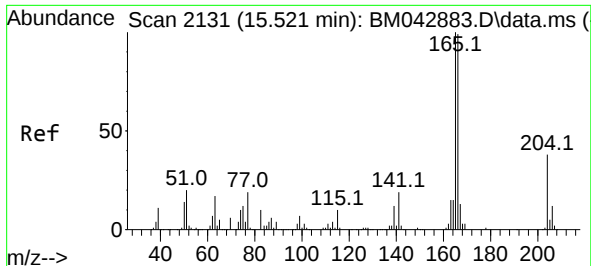


#56
Dibenzofuran
Concen: 5.113 ng/u1
RT: 14.880 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45



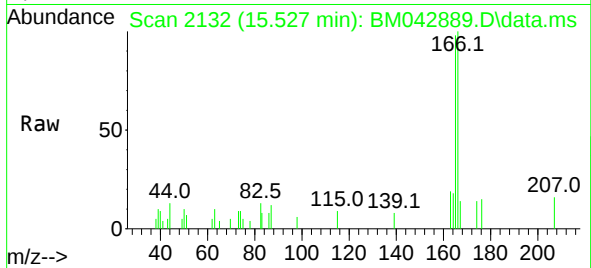
Tgt Ion:168 Resp: 33783
Ion Ratio Lower Upper
168 100
139 38.5 30.8 46.2





#61
Fluorene
Concen: 1.168 ng/ul
RT: 15.527 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

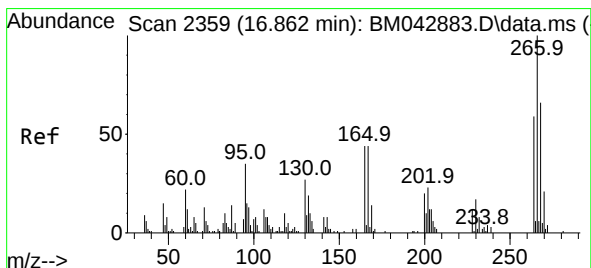
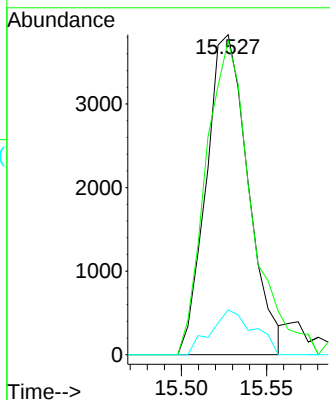
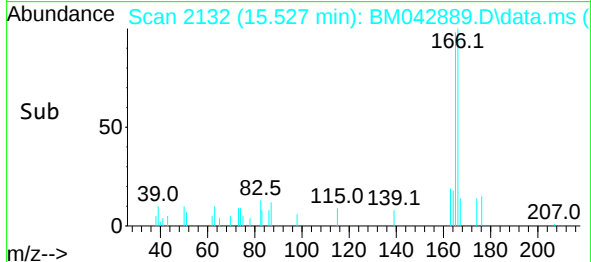
Instrument :
BNA_M
ClientSampleId :
DCKE3DL



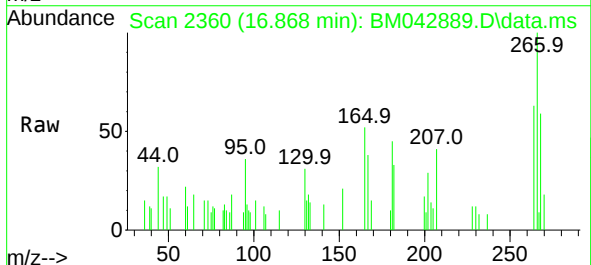
Tgt Ion:166 Resp: 6550
Ion Ratio Lower Upper
166 100
165 98.1 79.3 118.9
167 14.0 10.6 15.8

Manual Integrations
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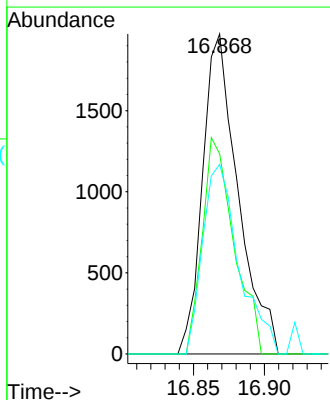
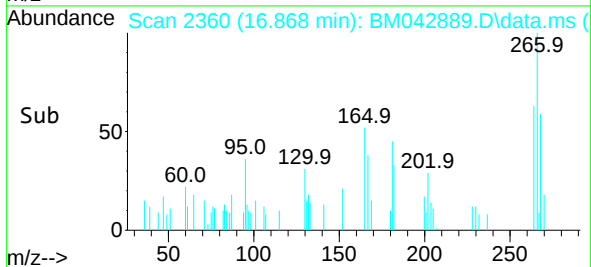
Reviewed By :Yogesh Patel 11/20/2023
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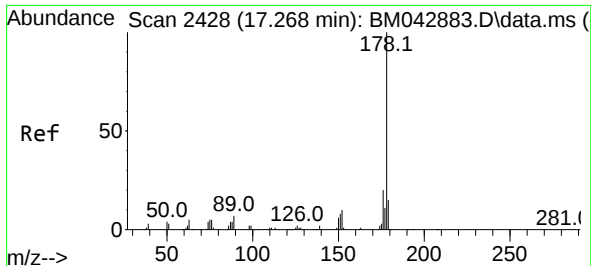


#71
Pentachlorophenol
Concen: 2.538 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. 0.006 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45



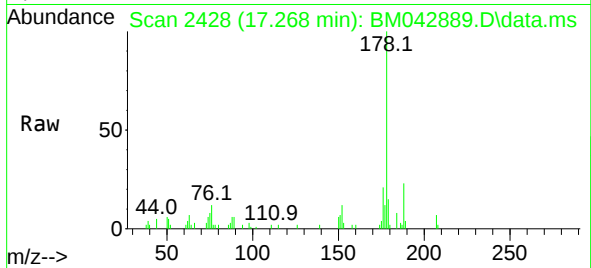
Tgt Ion:266 Resp: 3425
Ion Ratio Lower Upper
266 100
264 62.5 50.3 75.5
268 59.2 52.1 78.1





#72
Phenanthrene
Concen: 2.038 ng/u1
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45

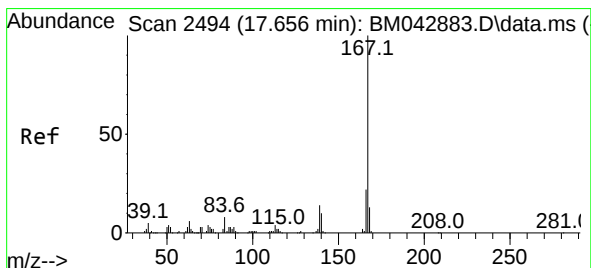
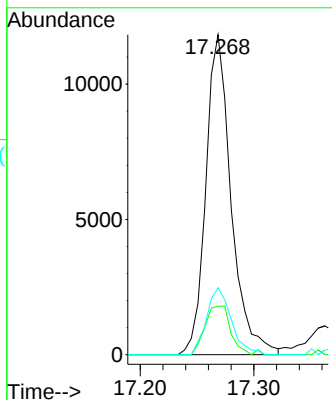
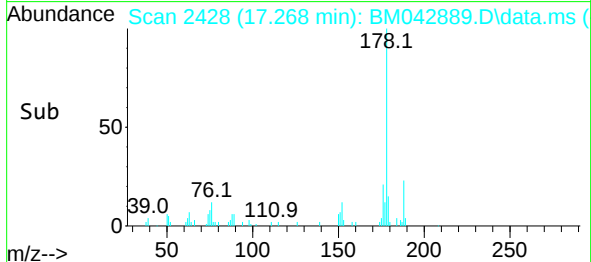
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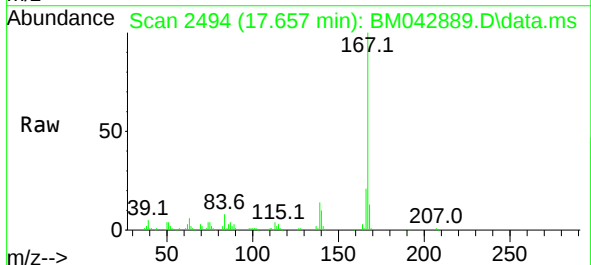
Tgt Ion:178 Resp: 18330
Ion Ratio Lower Upper
178 100
179 15.1 11.4 17.2
176 21.0 15.5 23.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#77
Carbazole
Concen: 14.395 ng/u1
RT: 17.657 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM042889.D
Acq: 18 Nov 2023 19:45



Tgt Ion:167 Resp: 107585
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 14.0 10.8 16.2

