

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042816.D
 Acq On : 16 Nov 2023 21:32
 Operator : MA/JU
 Sample : 05268-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 00:38:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	25090	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.633	136	103132	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.480	164	70873	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	169410	20.000	ng/u1	0.00
79) Chrysene-d12	21.415	240	166026	20.000	ng/u1	# 0.00
88) Perylene-d12	23.774	264	196293	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2784	3.482	ng/uL	0.00
4) Pyridine-d5	3.622	84	13545	6.810	ng/u1	0.00
7) Phenol-d5	6.998	99	11533	4.723	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	52782	30.761	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	40021	21.240	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	25746m	13.391	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	24272	26.843	ng/u1	0.00
24) 2-Nitrophenol-d4	9.733	143	26921	25.451	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	47003	23.898	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	49005	19.624	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	226402	33.753	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	221467	30.858	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	3068m	4.048	ng/u1	0.02
60) Fluorene-d10	15.474	176	186702	33.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	31159	24.282	ng/u1	0.00
73) Anthracene-d10	17.333	188	336540	35.447	ng/u1	0.00
81) Pyrene-d10	19.627	212	444900	40.922	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	431853	36.780	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.686	128	46457	7.190	ng/u1	99
37) 1-Methylnaphthalene	12.521	142	15353	3.372	ng/u1#	93
43) 1,1'-Biphenyl	13.316	154	36771	6.221	ng/u1	98
52) Acenaphthene	14.545	153	200776	36.916	ng/u1	98
56) Dibenzofuran	14.880	168	95985	12.715	ng/u1	97
61) Fluorene	15.533	166	13225	2.064	ng/u1#	93
77) Carbazole	17.662	167	589193	67.029	ng/u1	99

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

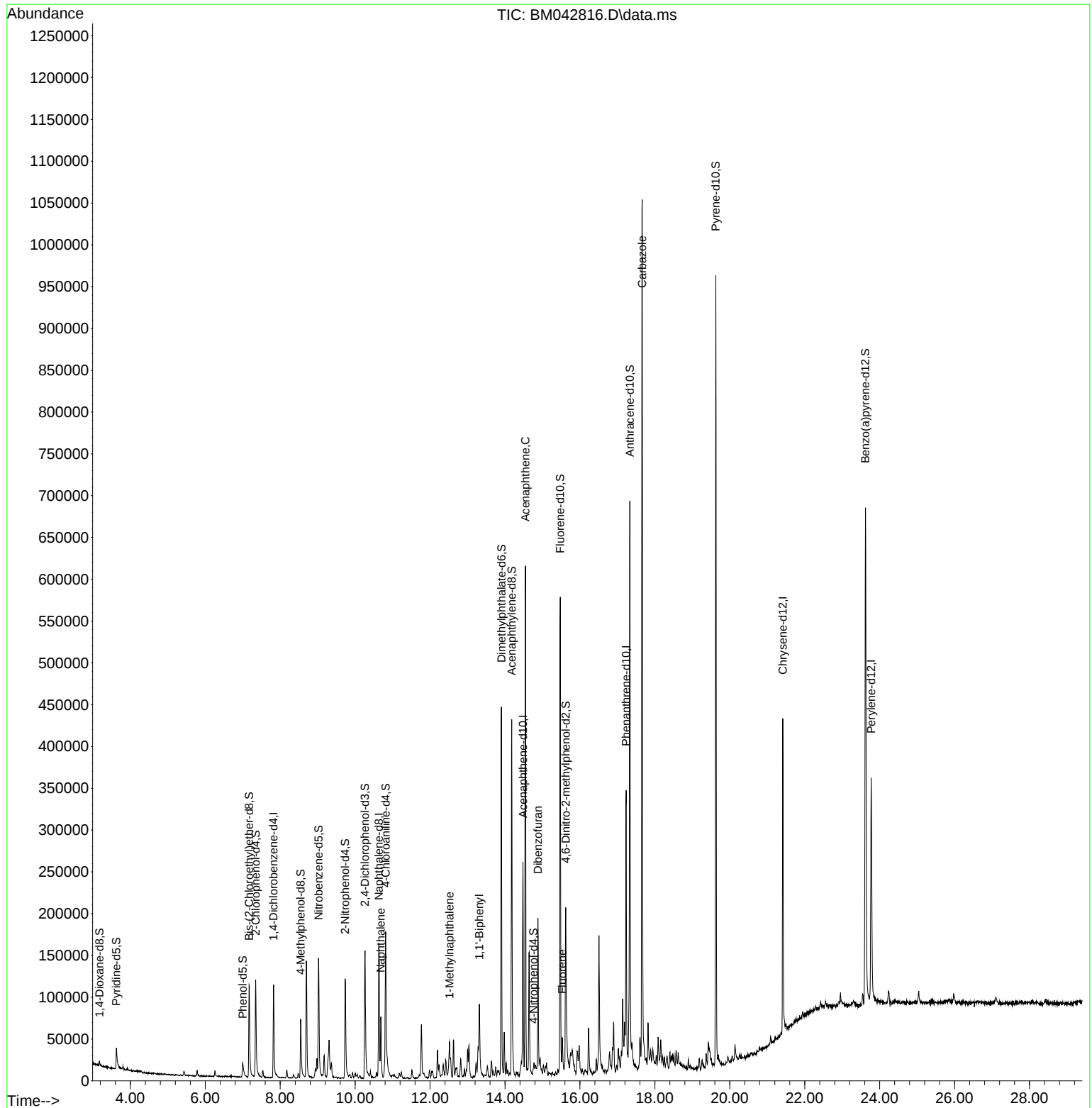
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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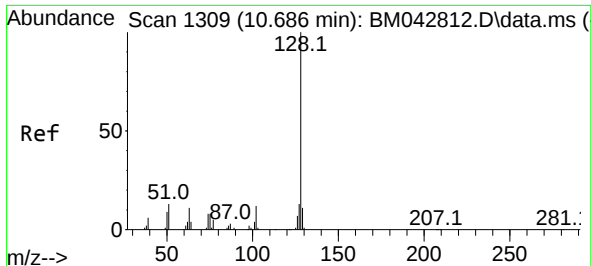
Instrument :
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Quant Time: Nov 17 00:38:14 2023
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Quant Title : SVOA CALIBRATION
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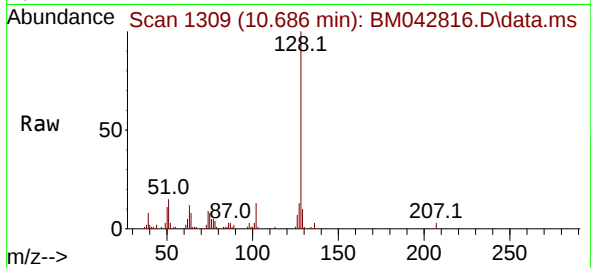
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023





#30
Naphthalene
Concen: 7.190 ng/ul
RT: 10.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042816.D
Acq: 16 Nov 2023 21:32

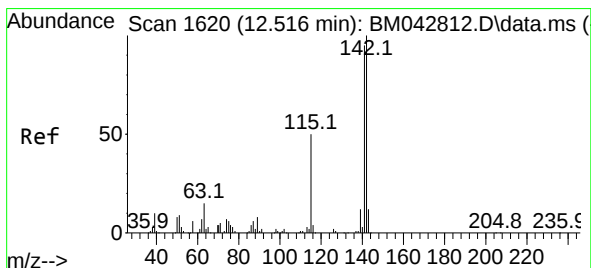
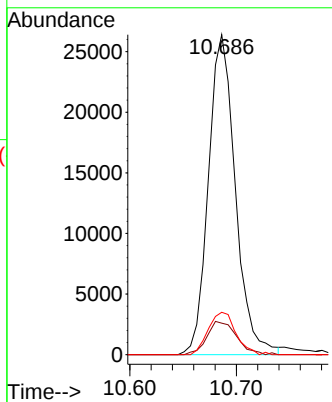
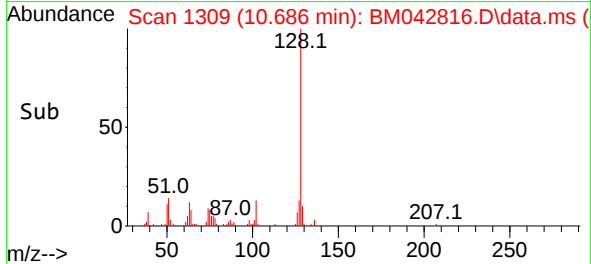
Instrument :
BNA_M
ClientSampleId :
DCKC9



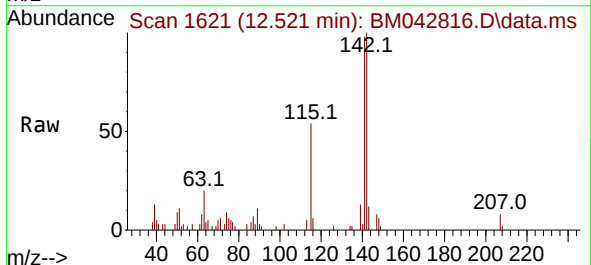
Tgt Ion:128 Resp: 4645
Ion Ratio Lower Upper
128 100
129 9.9 8.6 13.0
127 13.2 10.5 15.7

Manual Integrations
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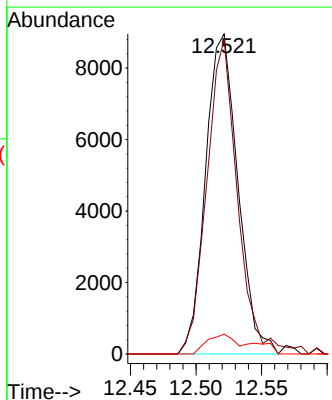
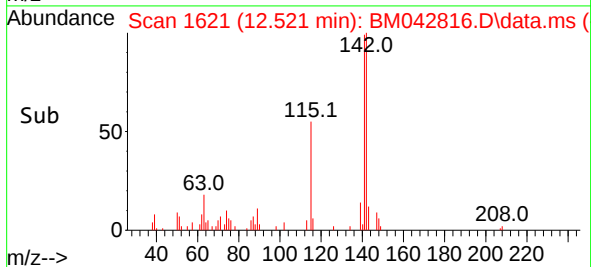
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Supervised By :mohammad ahmed 11/19/2023

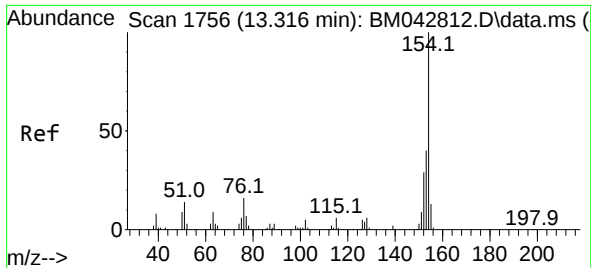


#37
1-Methylnaphthalene
Concen: 3.372 ng/ul
RT: 12.521 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BM042816.D
Acq: 16 Nov 2023 21:32



Tgt Ion:142 Resp: 15353
Ion Ratio Lower Upper
142 100
141 98.4 73.3 109.9
116 6.2 3.9 5.9#





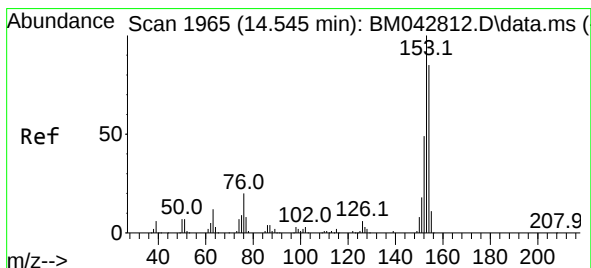
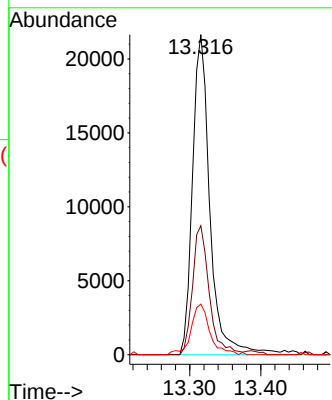
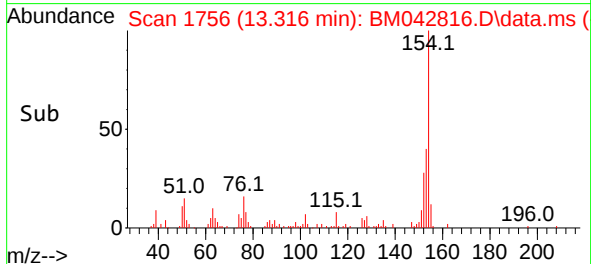
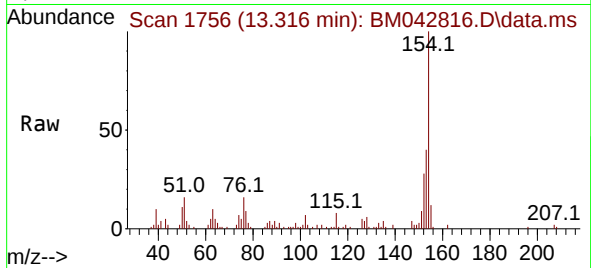
#43
1,1'-Biphenyl
Concen: 6.221 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM042816.D
Acq: 16 Nov 2023 21:32

Instrument :
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ClientSampleId :
DCKC9

Tgt Ion:154 Resp: 3677
Ion Ratio Lower Upper
154 100
153 40.3 32.4 48.6
76 15.8 10.7 16.1

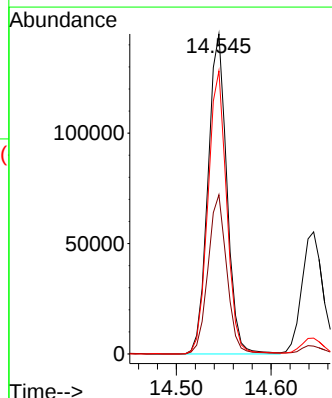
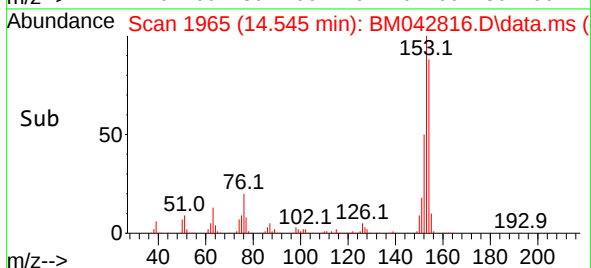
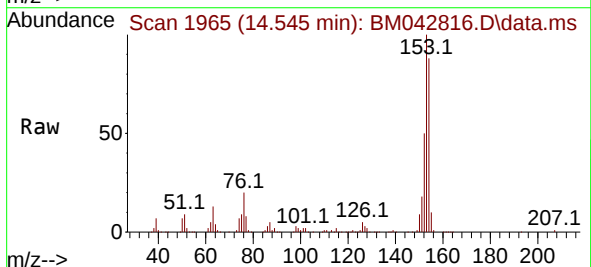
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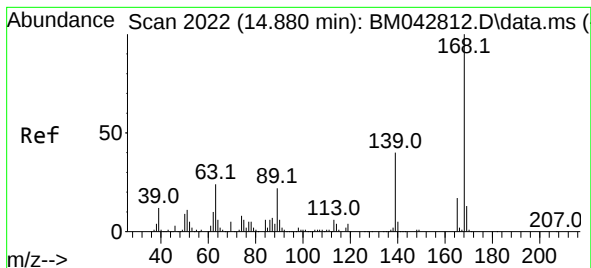
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#52
Acenaphthene
Concen: 36.916 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM042816.D
Acq: 16 Nov 2023 21:32

Tgt Ion:153 Resp: 200776
Ion Ratio Lower Upper
153 100
152 49.8 38.2 57.2
154 88.4 71.3 106.9





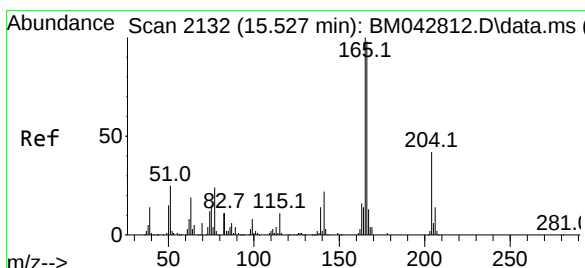
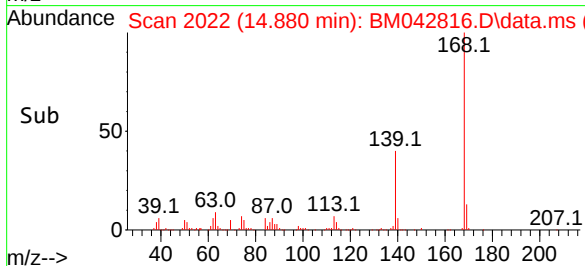
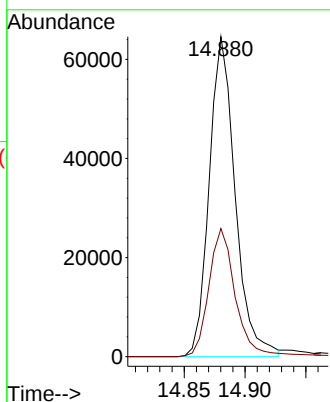
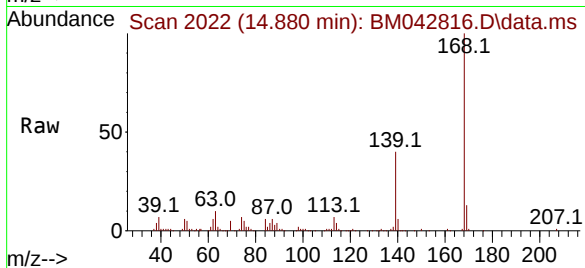
#56
Dibenzenofuran
Concen: 12.715 ng/ul
RT: 14.880 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM042816.D
Acq: 16 Nov 2023 21:32

Instrument :
BNA_M
ClientSampleId :
DCKC9

Tgt Ion:168 Resp: 9598
Ion Ratio Lower Upper
168 100
139 40.1 30.8 46.2

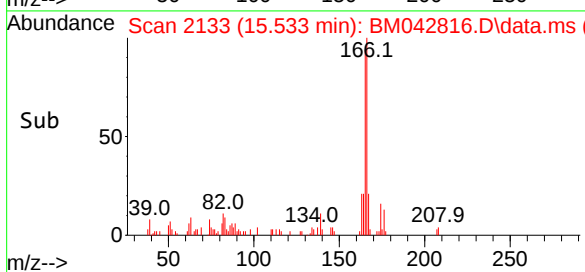
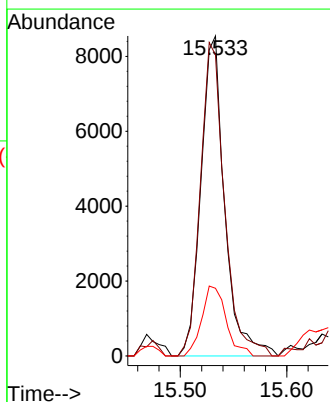
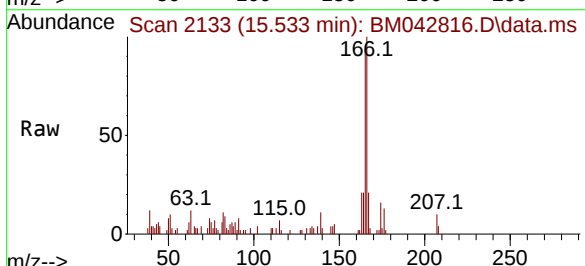
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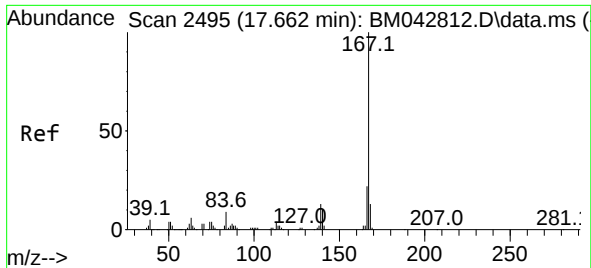
Reviewed By :Yogesh Patel 11/17/2023
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#61
Fluorene
Concen: 2.064 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BM042816.D
Acq: 16 Nov 2023 21:32

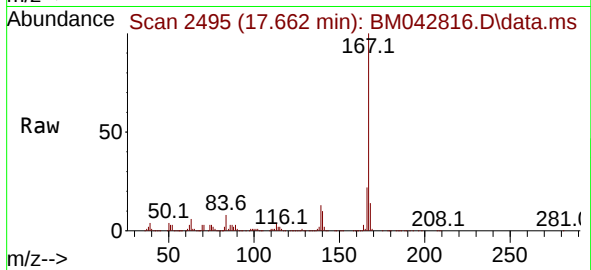
Tgt Ion:166 Resp: 13225
Ion Ratio Lower Upper
166 100
165 94.0 79.3 118.9
167 21.2 10.6 15.8#





#77
 Carbazole
 Concen: 67.029 ng/ul
 RT: 17.662 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BM042816.D
 Acq: 16 Nov 2023 21:32

Instrument :
 BNA_M
 ClientSampleId :
 DCKC9



Tgt Ion:167 Resp: 589193
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.3 10.8 16.2

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