

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042826.D
 Acq On : 17 Nov 2023 03:33
 Operator : MA/JU
 Sample : 05268-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKE3

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 04:14:26 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	25611	20.000	ng/u1	0.00
20) Naphthalene-d8	10.633	136	104195	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.474	164	65413	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.233	188	152013	20.000	ng/u1	0.00
79) Chrysene-d12	21.415	240	150136	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	174067	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2573	3.152	ng/uL	0.00
4) Pyridine-d5	3.622	84	17260	8.501	ng/u1	0.00
7) Phenol-d5	6.998	99	10549m	4.232	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	55346	31.599	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	38059	19.788	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	21115	10.759	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	24070	26.348	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	25385	23.754	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	45245	22.770	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	57379	22.743	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	199458	32.218	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	206097	31.114	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	1753m	2.506	ng/u1	0.02
60) Fluorene-d10	15.468	176	169943	33.149	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.621	200	29240	25.394	ng/u1	0.00
73) Anthracene-d10	17.333	188	300442	35.266	ng/u1	0.00
81) Pyrene-d10	19.627	212	398627	40.546	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	382700	36.756	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.686	128	1052238	161.196	ng/u1	100
36) 2-Methylnaphthalene	12.298	142	45674	10.440	ng/u1	93
37) 1-Methylnaphthalene	12.516	142	57242	12.444	ng/u1	96
42) 2,4,5-Trichlorophenol	12.998	196	2733m	1.806	ng/u1	
43) 1,1'-Biphenyl	13.315	154	58059	10.643	ng/u1	98
50) Acenaphthylene	14.204	152	14705	1.981	ng/u1	93
52) Acenaphthene	14.539	153	130391	25.976	ng/u1	97
56) Dibenzofuran	14.880	168	181930	26.112	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	6411m	4.082	ng/u1	
61) Fluorene	15.527	166	37487	6.337	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.627	198	9891	8.437	ng/u1	91
71) Pentachlorophenol	16.868	266	25088	17.613	ng/u1	96
72) Phenanthrene	17.274	178	89810	9.457	ng/u1	98
74) Anthracene	17.368	178	10411m	1.090	ng/u1	
77) Carbazole	17.656	167	631633	80.080	ng/u1	99

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

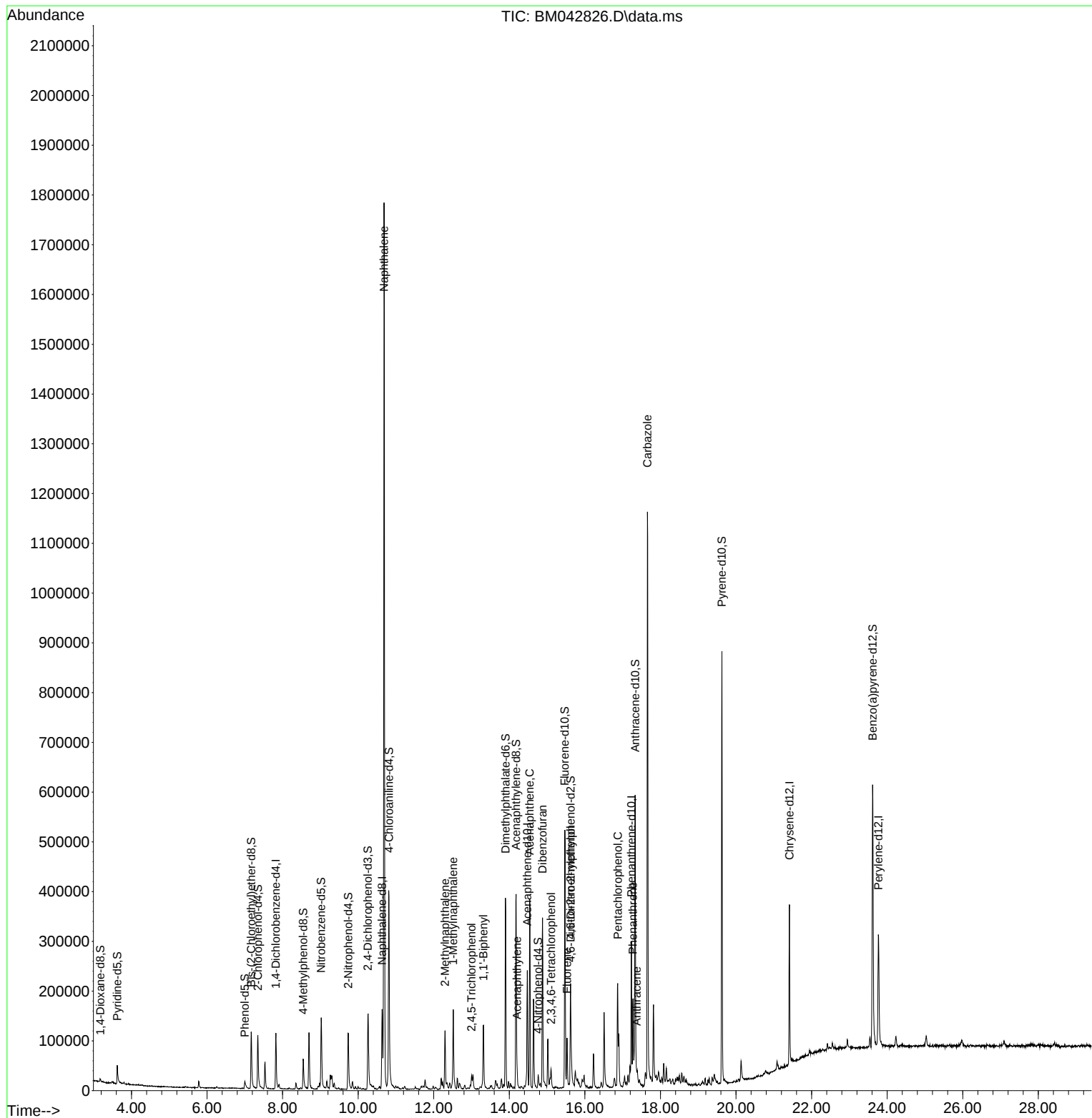
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042826.D
Acq On : 17 Nov 2023 03:33
Operator : MA/JU
Sample : 05268-17
Misc :
ALS Vial : 68 Sample Multiplier: 1

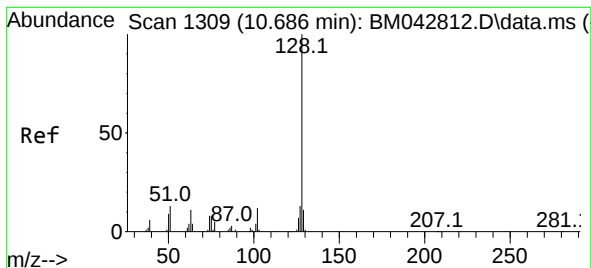
Instrument :
BNA_M
ClientSampleId :
DCKE3

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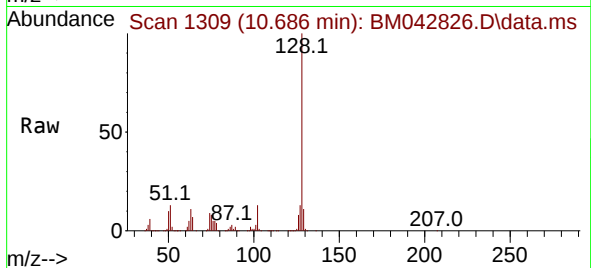
Quant Time: Nov 17 04:14:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 161.196 ng/ul
RT: 10.686 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

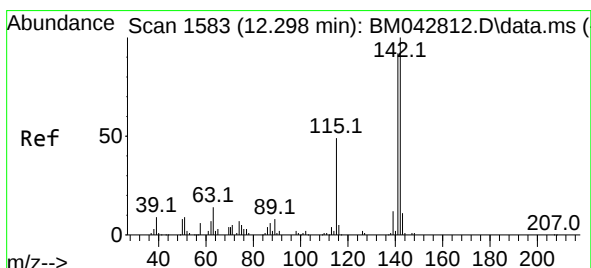
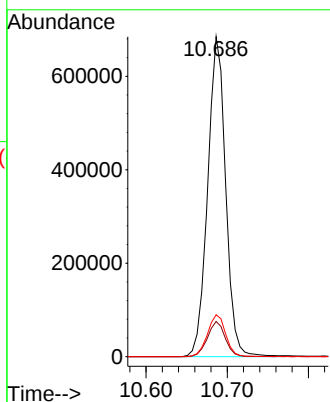
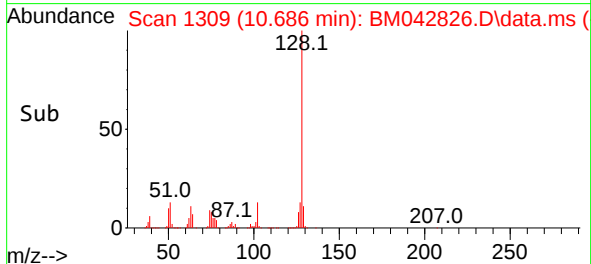
Instrument :
BNA_M
ClientSampleId :
DCKE3



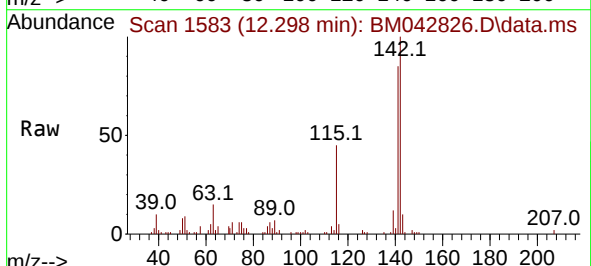
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Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.5 15.7

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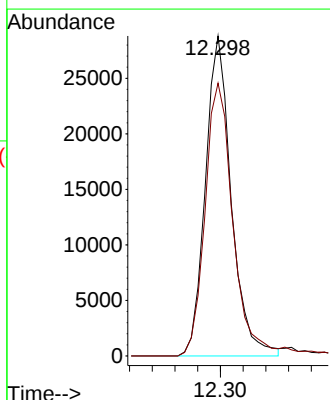
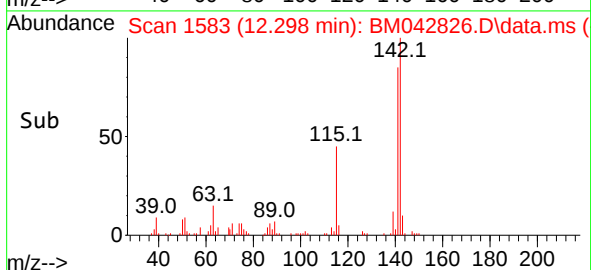
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

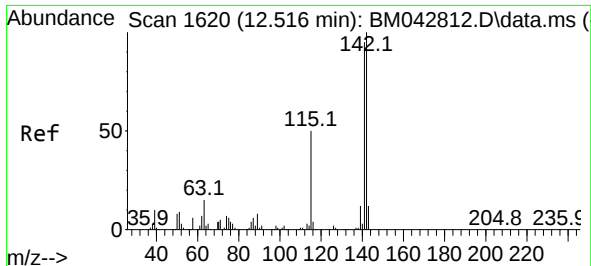


#36
2-Methylnaphthalene
Concen: 10.440 ng/ul
RT: 12.298 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33



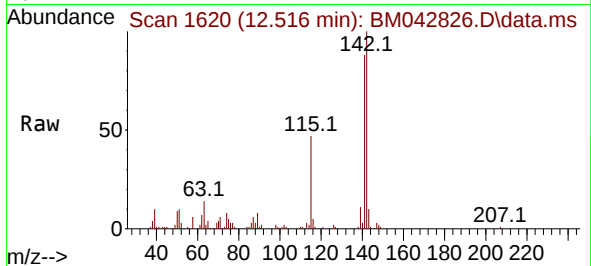
Tgt Ion:142 Resp: 45674
Ion Ratio Lower Upper
142 100
141 85.2 73.6 110.4





#37
1-Methylnaphthalene
Concen: 12.444 ng/ul
RT: 12.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

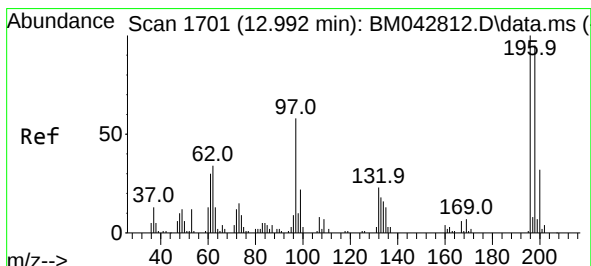
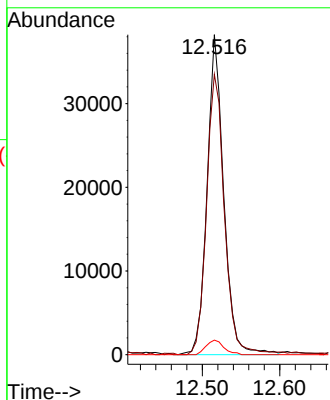
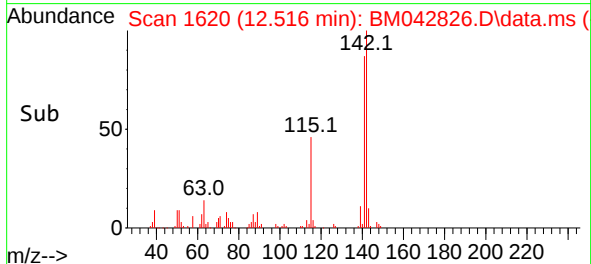
Instrument :
BNA_M
ClientSampleId :
DCKE3



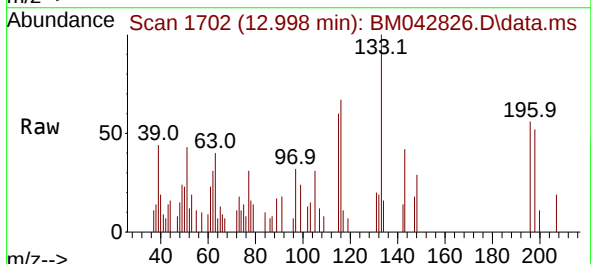
Tgt Ion:142 Resp: 5724
Ion Ratio Lower Upper
142 100
141 87.6 73.3 109.9
116 4.6 3.9 5.9

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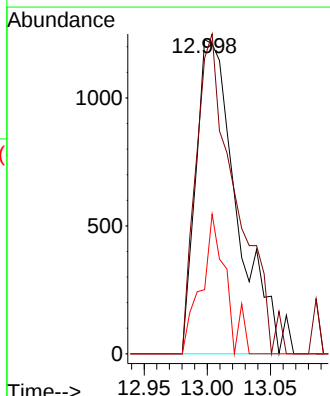
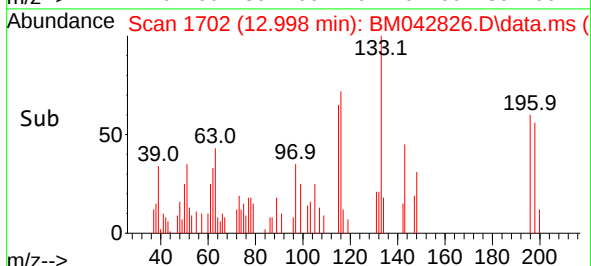
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

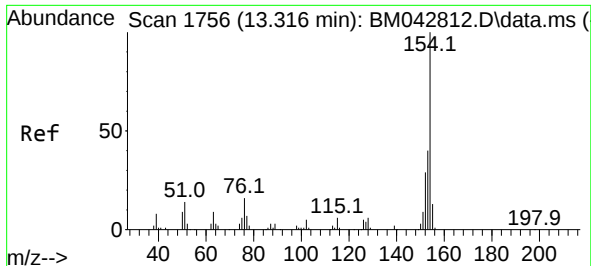


#42
2,4,5-Trichlorophenol
Concen: 1.806 ng/ul m
RT: 12.998 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33



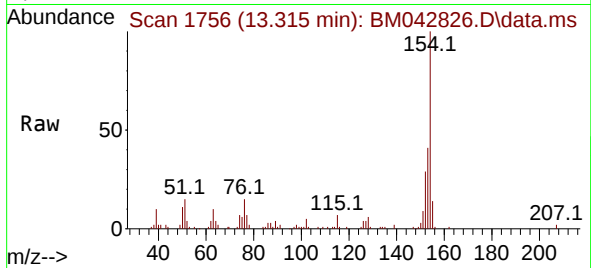
Tgt Ion:196 Resp: 2733
Ion Ratio Lower Upper
196 100
198 94.1 77.4 116.0
200 20.4 26.2 39.4#





#43
1,1'-Biphenyl
Concen: 10.643 ng/ul
RT: 13.315 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

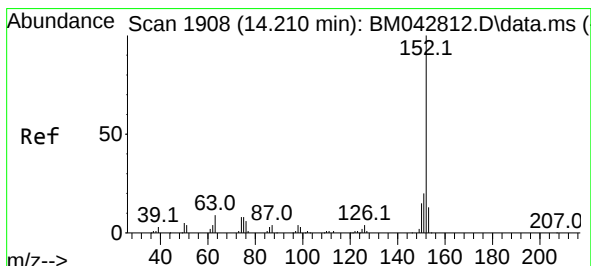
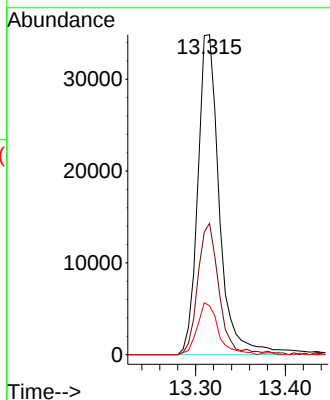
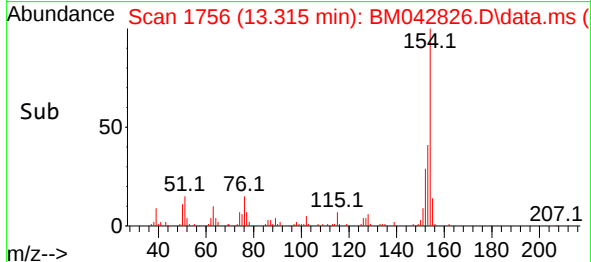
Instrument :
BNA_M
ClientSampleId :
DCKE3



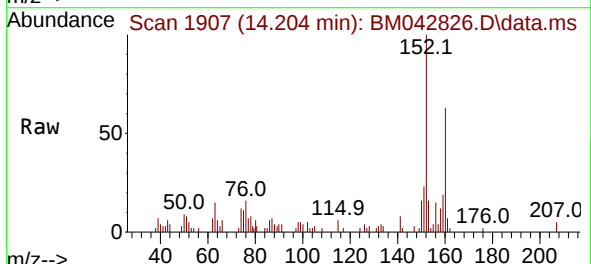
Tgt Ion:154 Resp: 58059
Ion Ratio Lower Upper
154 100
153 41.0 32.4 48.6
76 15.3 10.7 16.1

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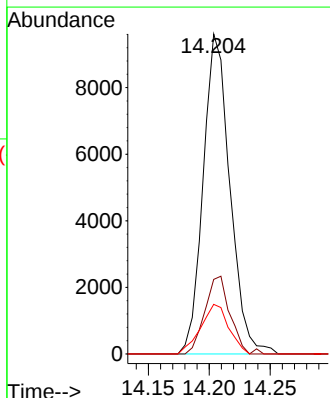
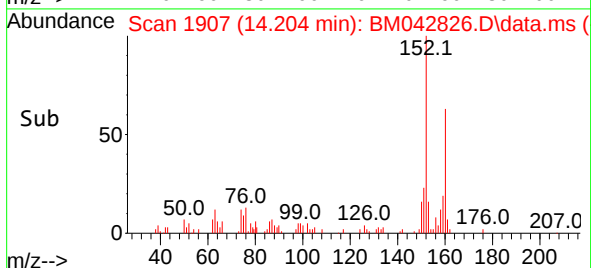
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

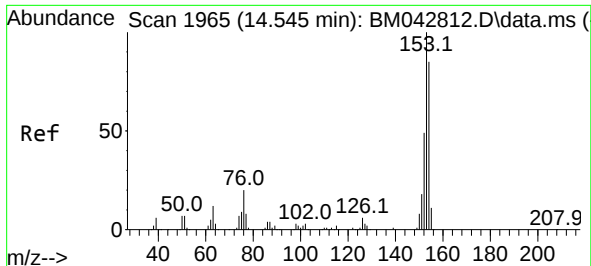


#50
Acenaphthylene
Concen: 1.981 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33



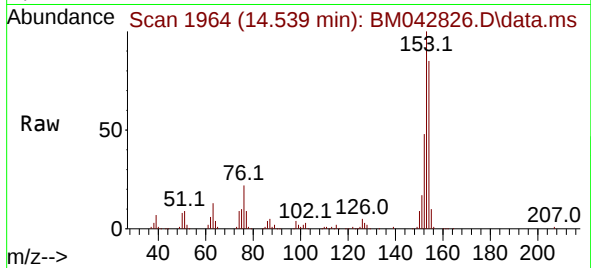
Tgt Ion:152 Resp: 14705
Ion Ratio Lower Upper
152 100
151 23.3 16.0 24.0
153 15.5 10.5 15.7





#52
Acenaphthene
Concen: 25.976 ng/ul
RT: 14.539 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

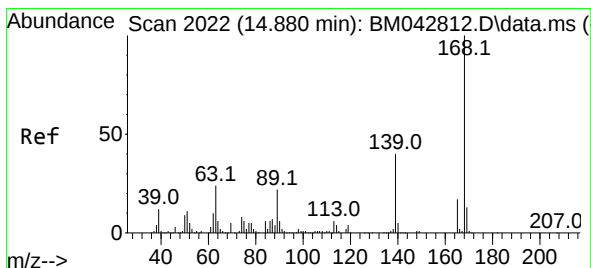
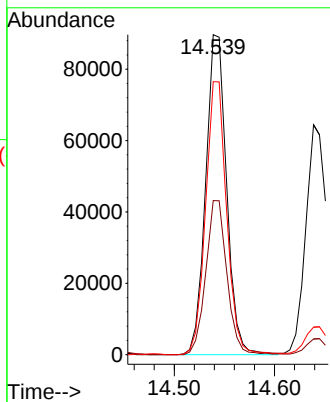
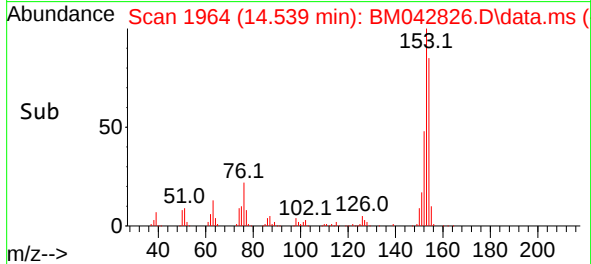
Instrument :
BNA_M
ClientSampleId :
DCKE3



Tgt Ion:153 Resp: 13039
Ion Ratio Lower Upper
153 100
152 48.2 38.2 57.2
154 85.3 71.3 106.9

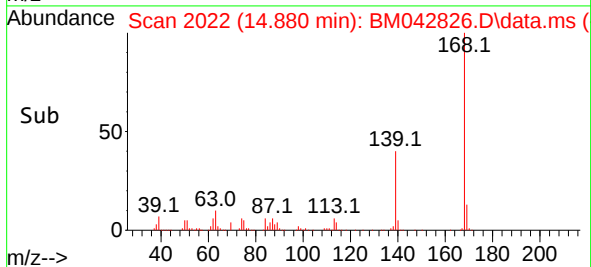
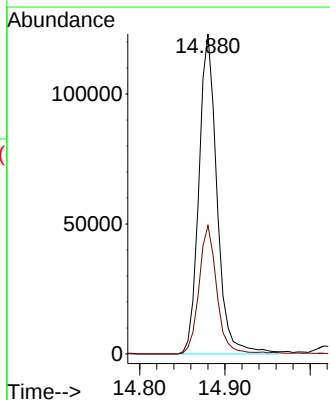
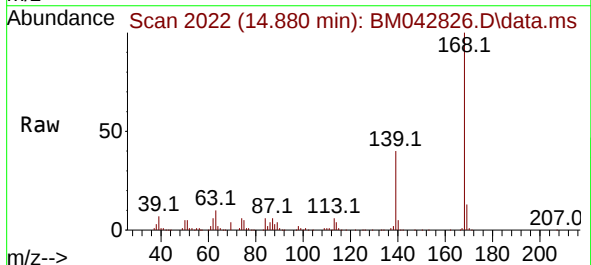
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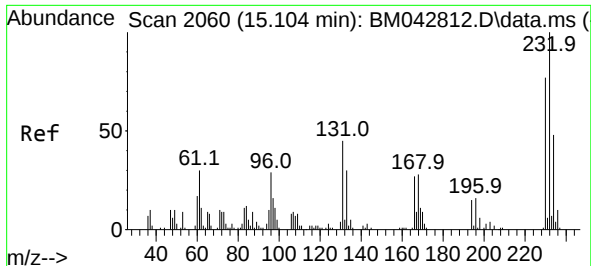
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#56
Dibenzofuran
Concen: 26.112 ng/ul
RT: 14.880 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

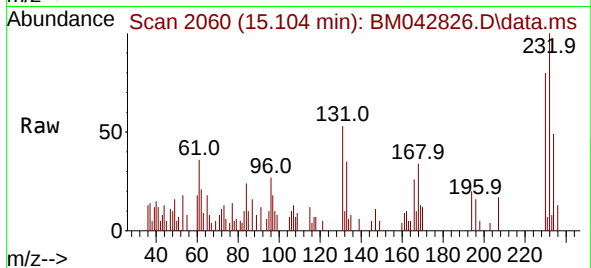
Tgt Ion:168 Resp: 181930
Ion Ratio Lower Upper
168 100
139 40.1 30.8 46.2





#58
2,3,4,6-Tetrachlorophenol
Concen: 4.082 ng/ul m
RT: 15.104 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

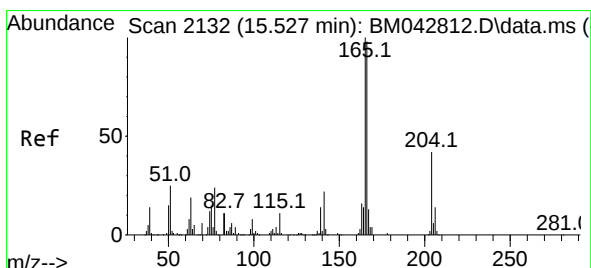
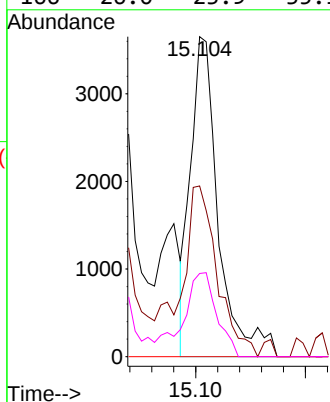
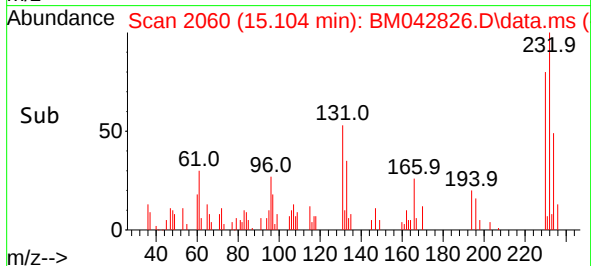
Instrument :
BNA_M
ClientSampleId :
DCKE3



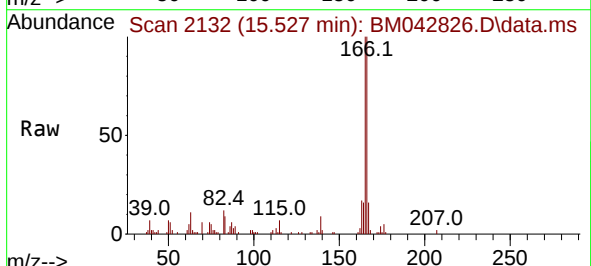
Tgt Ion:232 Resp: 641
Ion Ratio Lower Upper
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131 53.3 38.9 58.3
130 0.0 1.9 2.9
166 26.0 23.9 35.9

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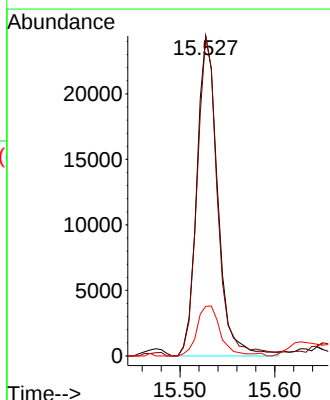
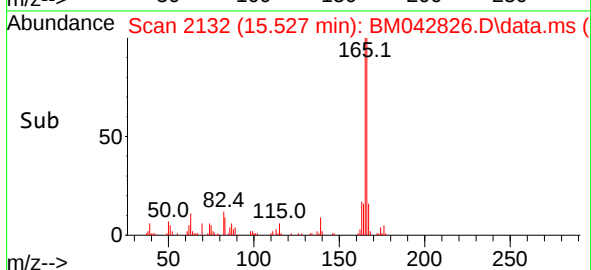
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Supervised By :mohammad ahmed 11/19/2023

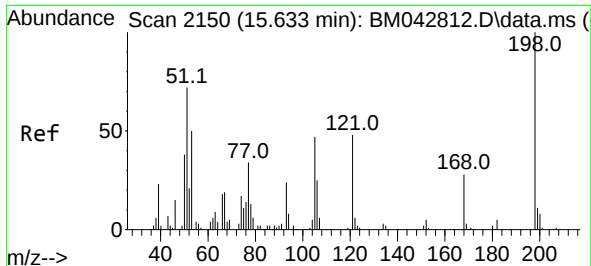


#61
Fluorene
Concen: 6.337 ng/ul
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33



Tgt Ion:166 Resp: 37487
Ion Ratio Lower Upper
166 100
165 99.9 79.3 118.9
167 15.5 10.6 15.8





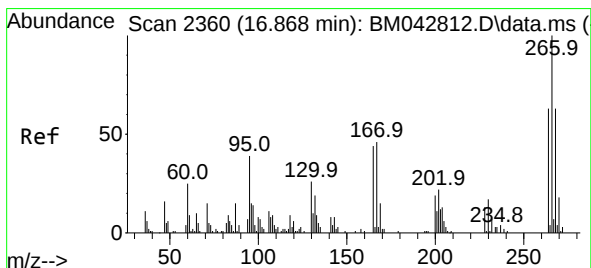
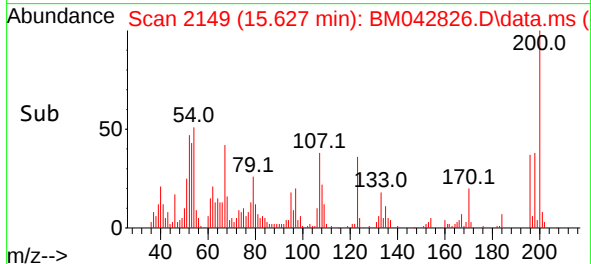
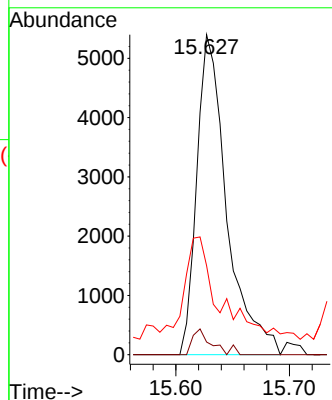
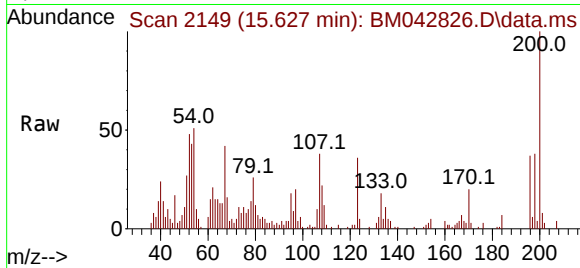
#66
4,6-Dinitro-2-methylphenol
Concen: 8.437 ng/ul
RT: 15.627 min Scan# 2150
Delta R.T. -0.012 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

Instrument :
BNA_M
ClientSampleId :
DCKE3

Tgt Ion:198 Resp: 989
Ion Ratio Lower Upper
198 100
182 3.9 3.4 5.0
77 27.8 26.9 40.3

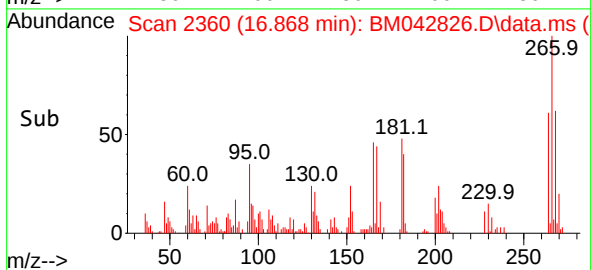
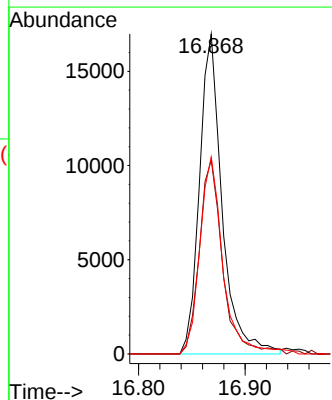
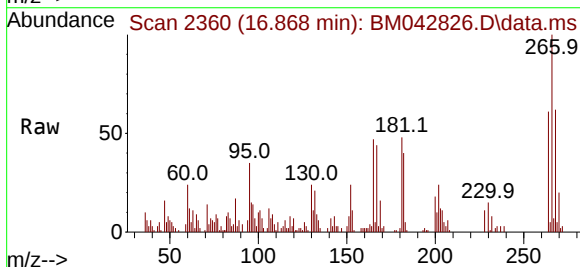
Manual Integrations
APPROVED

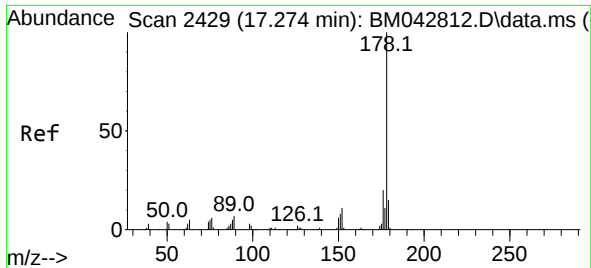
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#71
Pentachlorophenol
Concen: 17.613 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

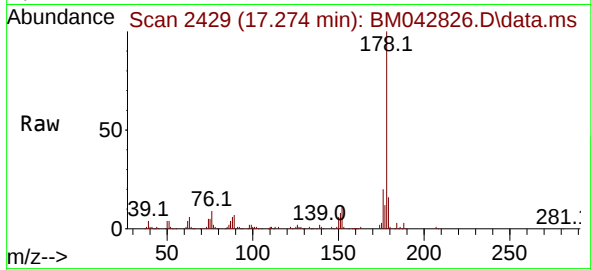
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Ion Ratio Lower Upper
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264 60.5 50.3 75.5
268 61.6 52.1 78.1





#72
Phenanthrene
Concen: 9.457 ng/ul
RT: 17.274 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33

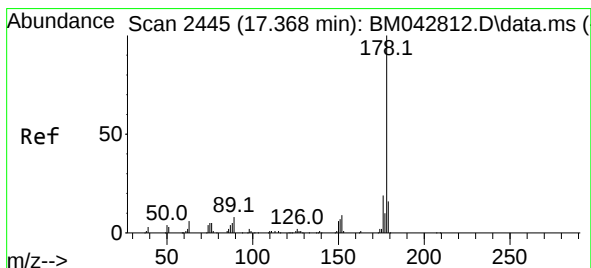
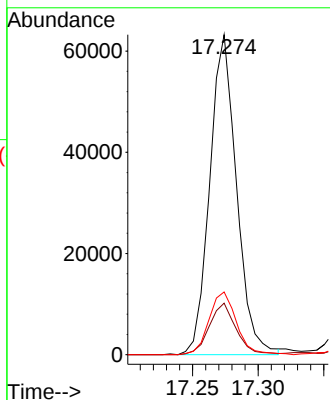
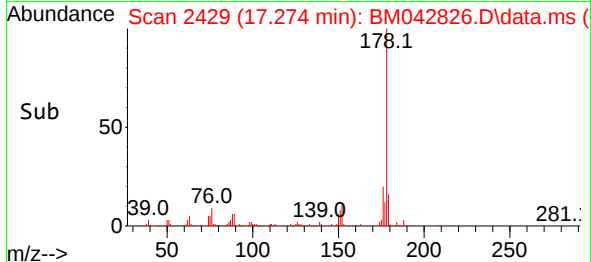
Instrument :
BNA_M
ClientSampleId :
DCKE3



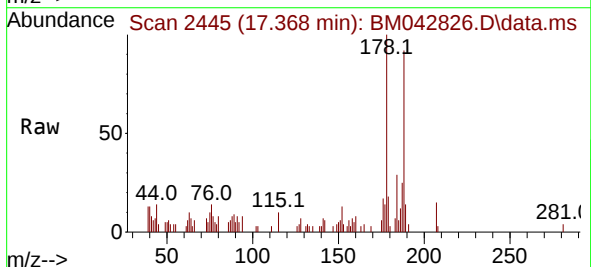
Tgt Ion:178 Resp: 89810
Ion Ratio Lower Upper
178 100
179 16.1 11.4 17.2
176 19.6 15.5 23.3

Manual Integrations
APPROVED

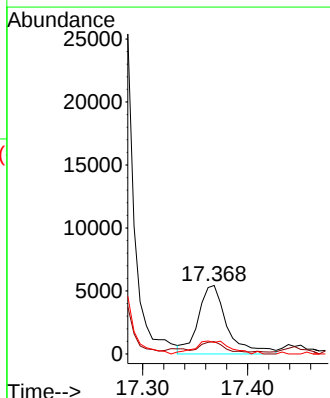
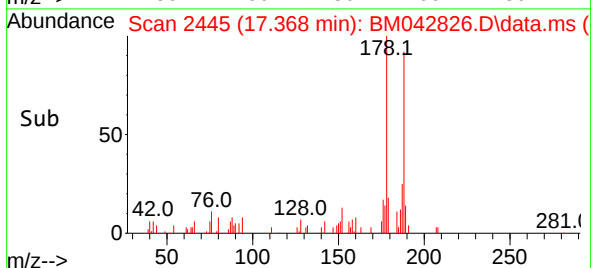
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

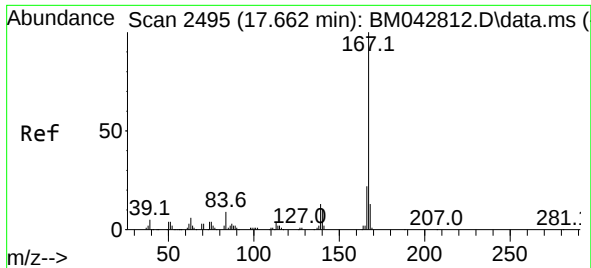


#74
Anthracene
Concen: 1.090 ng/ul m
RT: 17.368 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BM042826.D
Acq: 17 Nov 2023 03:33



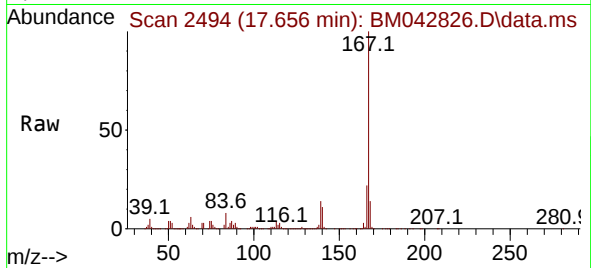
Tgt Ion:178 Resp: 10411
Ion Ratio Lower Upper
178 100
179 18.1 12.0 18.0#
176 16.9 15.7 23.5





#77
 Carbazole
 Concen: 80.080 ng/ul
 RT: 17.656 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BM042826.D
 Acq: 17 Nov 2023 03:33

Instrument :
 BNA_M
 ClientSampleId :
 DCKE3



Tgt Ion:167 Resp: 631633
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.2 25.8
 139 13.6 10.8 16.2

Manual Integrations
 APPROVED

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

