

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049506.D
 Acq On : 29 Jan 2025 16:18
 Operator : RC/JU
 Sample : Q1184-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2963

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Jan 30 07:59:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	220021	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	489288m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	584421	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.909	188	1174887	20.000	ng/u1	0.00
79) Chrysene-d12	21.144	240	1150174	20.000	ng/u1	0.01
88) Perylene-d12	23.927	264	1186025	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	30484	5.133	ng/uL	0.00
4) Pyridine-d5	3.522	84	181242	10.388	ng/u1	0.01
7) Phenol-d5	6.739	99	287234	16.088	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.863	67	484052	39.648	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	610147	44.162	ng/u1	0.01
15) 4-Methylphenol-d8	8.245	113	456678	34.911	ng/u1	0.02
21) Nitrobenzene-d5	8.657	128	298477	79.738	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	303790	74.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	666590	80.004	ng/u1	0.02
31) 4-Chloroaniline-d4	10.439	131	330369	30.912	ng/u1	0.02
46) Dimethylphthalate-d6	13.586	166	1633546	38.122	ng/u1	0.01
49) Acenaphthylene-d8	13.845	160	2228901	44.271	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	105270m	14.976	ng/u1	0.07
60) Fluorene-d10	15.157	176	1729330	45.892	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	359344	48.536	ng/u1	0.00
73) Anthracene-d10	17.009	188	2762257	47.081	ng/u1	0.00
81) Pyrene-d10	19.315	212	3180237	47.298	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.744	264	3131462	49.504	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	1854187	98.942	ng/u1	95
12) 2-Chlorophenol	7.092	128	17279	1.211	ng/u1	98
13) 2-Methylphenol	7.981	108	56074	4.270	ng/u1	97
18) 4-Methylphenol	8.310	108	499831	35.264	ng/u1	90
26) 2,4-Dimethylphenol	9.528	107	2300446m	275.742	ng/u1	
30) Naphthalene	10.322	128	670743	25.748	ng/u1	100
36) 2-Methylnaphthalene	11.945	142	81236	4.572	ng/u1	98
37) 1-Methylnaphthalene	12.169	142	80534	4.598	ng/u1#	99
52) Acenaphthene	14.221	153	38102	1.032	ng/u1	96
59) Diethylphthalate	15.015	149	267049m	6.609	ng/u1	
72) Phenanthrene	16.951	178	69487	1.051	ng/u1#	56
77) Carbazole	17.321	167	197915	3.324	ng/u1#	88

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

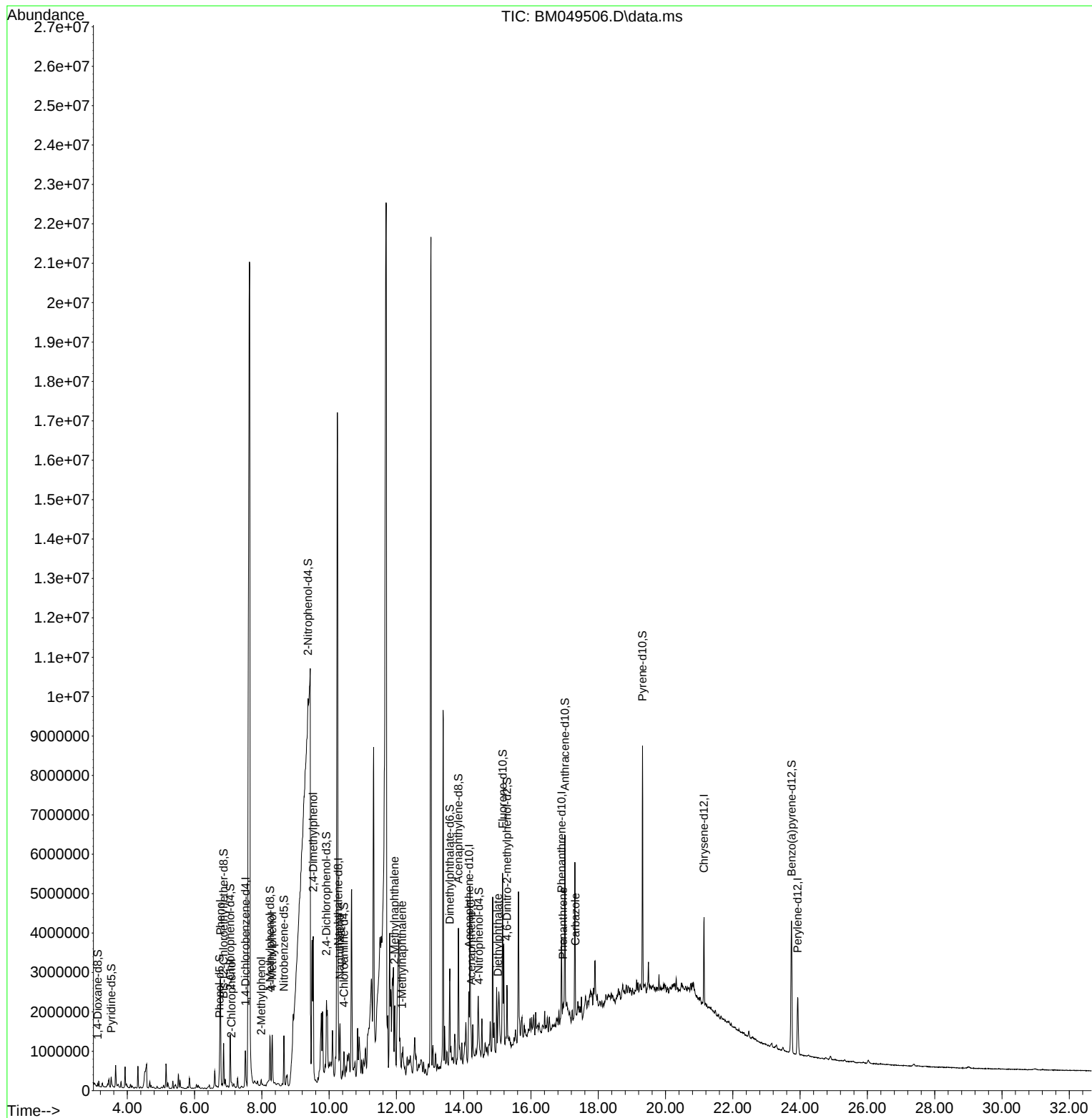
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049506.D
Acq On : 29 Jan 2025 16:18
Operator : RC/JU
Sample : Q1184-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

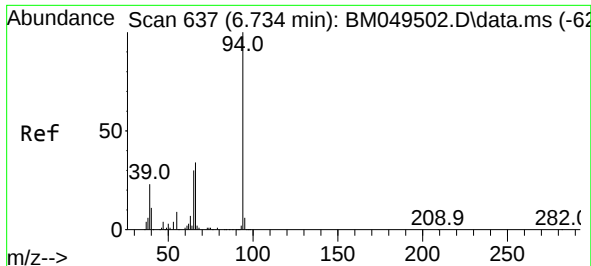
Instrument :
BNA_M
ClientSampleId :
E2963

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

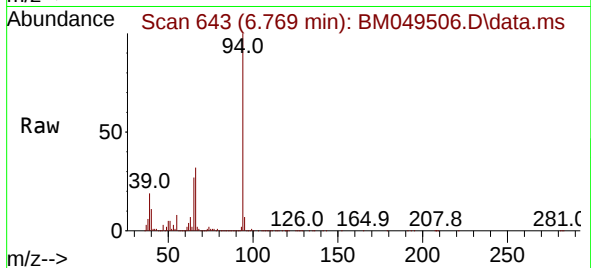
Quant Time: Jan 30 07:59:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration





#8
Phenol
Concen: 98.942 ng/ul
RT: 6.769 min Scan# 643
Delta R.T. 0.035 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

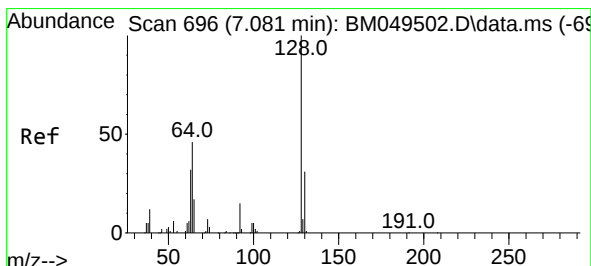
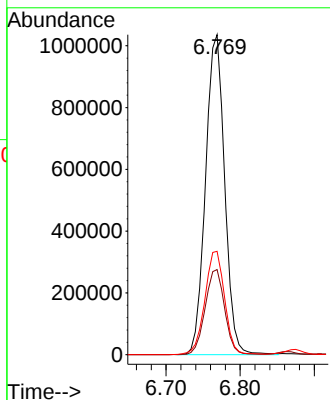
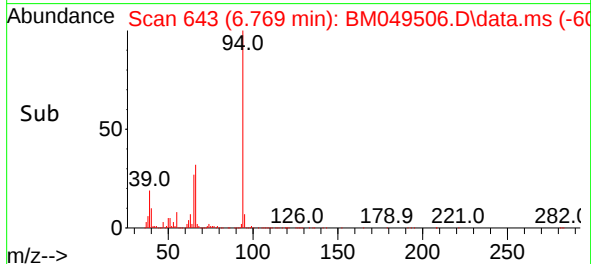
Instrument :
BNA_M
ClientSampleId :
E2963



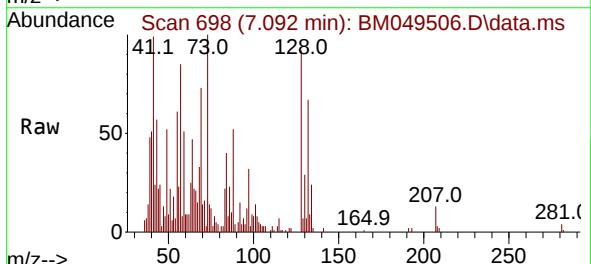
Tgt Ion: 94 Resp: 185418
Ion Ratio Lower Upper
94 100
65 26.6 23.4 35.0
66 32.3 27.8 41.8

Manual Integrations
APPROVED

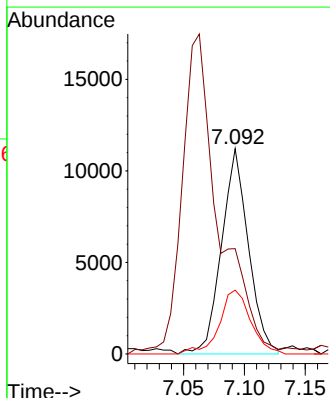
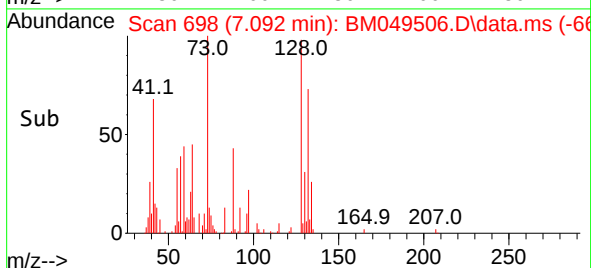
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

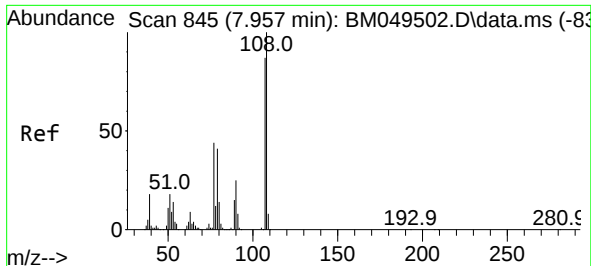


#12
2-Chlorophenol
Concen: 1.211 ng/ul
RT: 7.092 min Scan# 698
Delta R.T. 0.006 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18



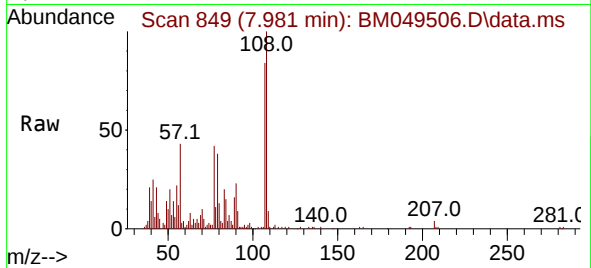
Tgt Ion:128 Resp: 17279
Ion Ratio Lower Upper
128 100
64 51.3 40.3 60.5
130 31.1 26.2 39.4





#13
2-Methylphenol
Concen: 4.270 ng/ul
RT: 7.981 min Scan# 845
Delta R.T. 0.017 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

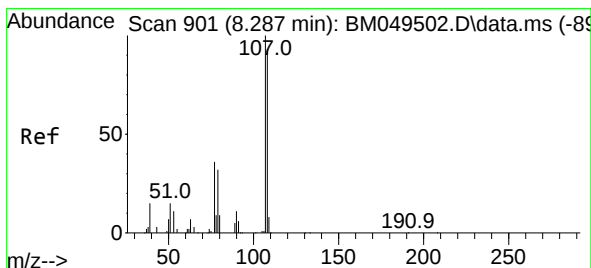
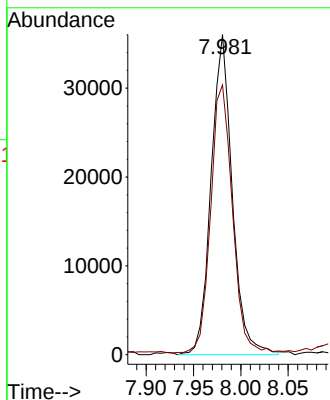
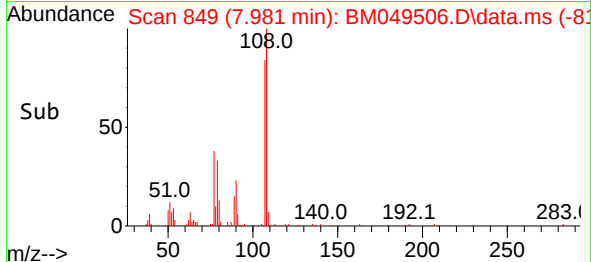
Instrument :
BNA_M
ClientSampleId :
E2963



Tgt Ion:108 Resp: 56074
Ion Ratio Lower Upper
108 100
107 84.3 69.7 104.5

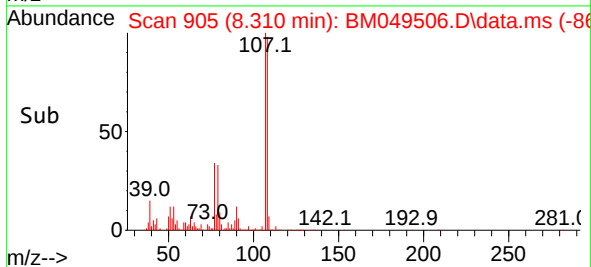
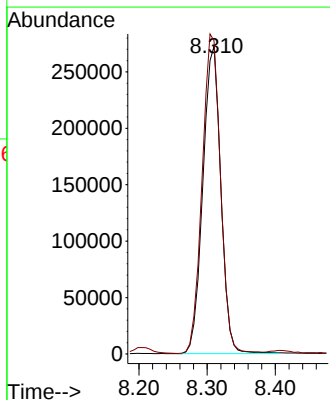
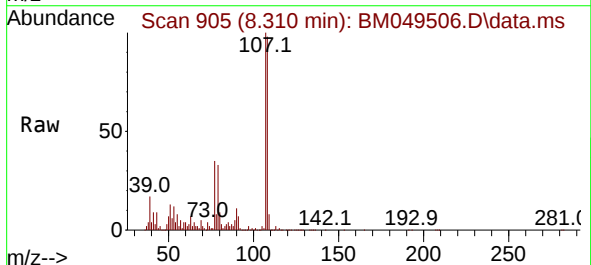
Manual Integrations
APPROVED

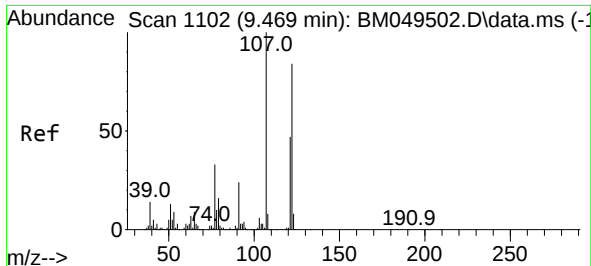
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#18
4-Methylphenol
Concen: 35.264 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. 0.023 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

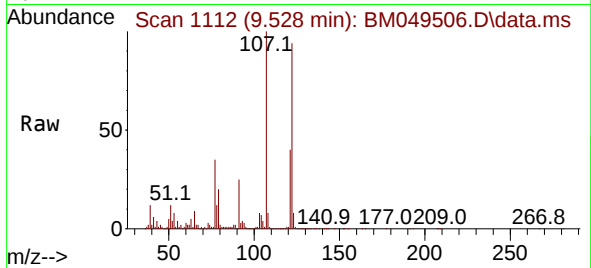
Tgt Ion:108 Resp: 499831
Ion Ratio Lower Upper
108 100
107 101.8 90.0 135.0





#26
2,4-Dimethylphenol
Concen: 275.742 ng/ul m
RT: 9.528 min Scan# 1112
Delta R.T. 0.053 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

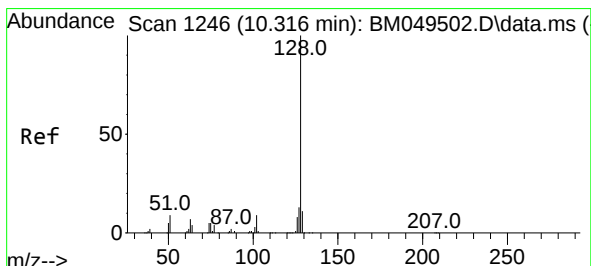
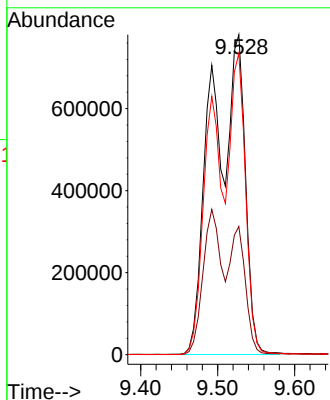
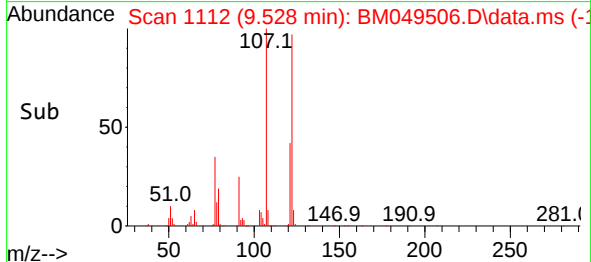
Instrument :
BNA_M
ClientSampleId :
E2963



Tgt Ion:107 Resp: 2300440
Ion Ratio Lower Upper
107 100
121 40.1 39.6 59.4
122 94.2 68.7 103.1

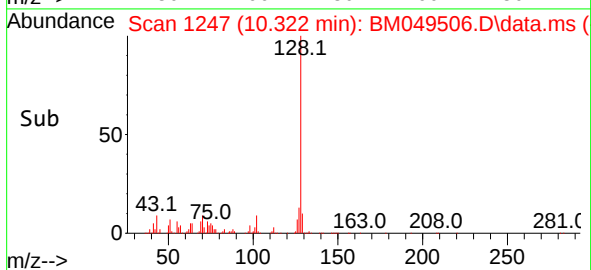
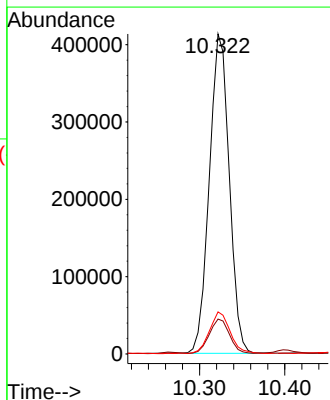
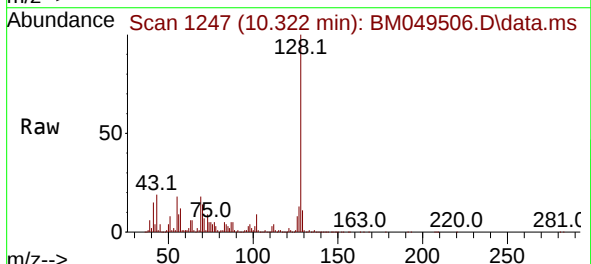
Manual Integrations
APPROVED

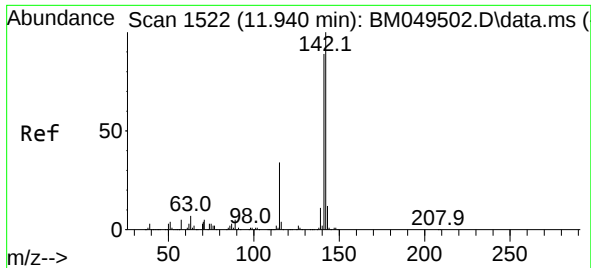
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#30
Naphthalene
Concen: 25.748 ng/ul
RT: 10.322 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

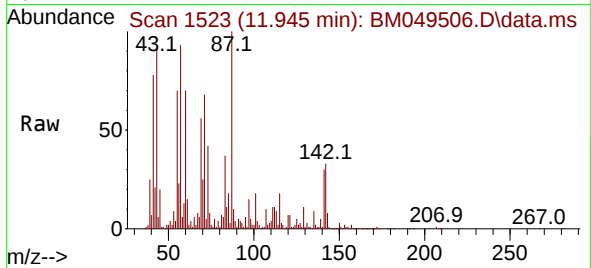
Tgt Ion:128 Resp: 670743
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.6 15.8





#36
2-Methylnaphthalene
Concen: 4.572 ng/ul
RT: 11.945 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

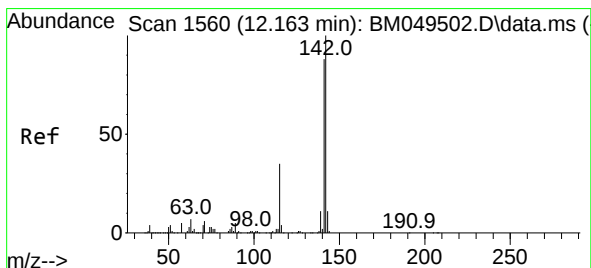
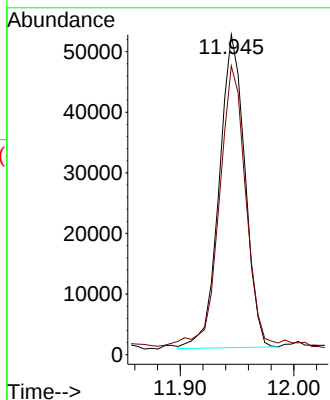
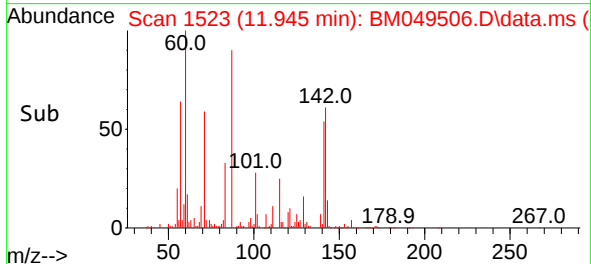
Instrument :
BNA_M
ClientSampleId :
E2963



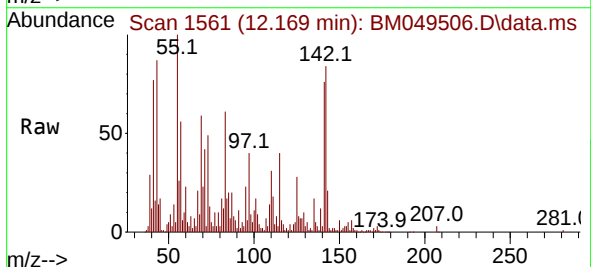
Tgt Ion:142 Resp: 81230
Ion Ratio Lower Upper
142 100
141 90.3 70.4 105.6

Manual Integrations
APPROVED

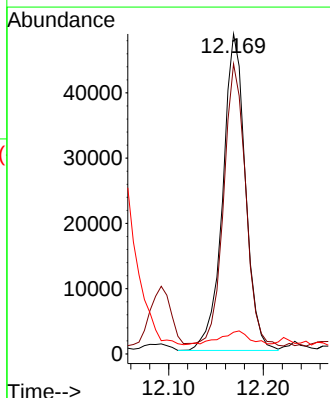
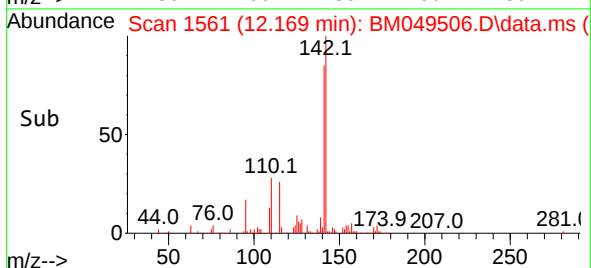
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

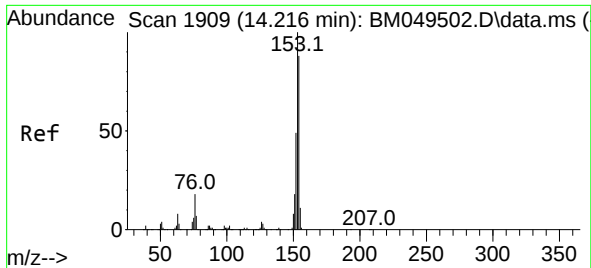


#37
1-Methylnaphthalene
Concen: 4.598 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18



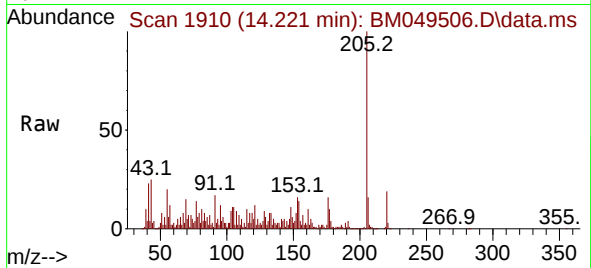
Tgt Ion:142 Resp: 80534
Ion Ratio Lower Upper
142 100
141 90.7 72.8 109.2
116 6.8 3.0 4.6#





#52
Acenaphthene
Concen: 1.032 ng/ul
RT: 14.221 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

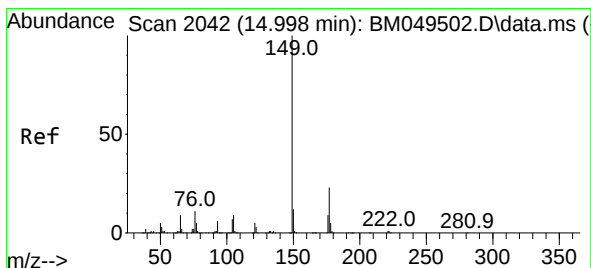
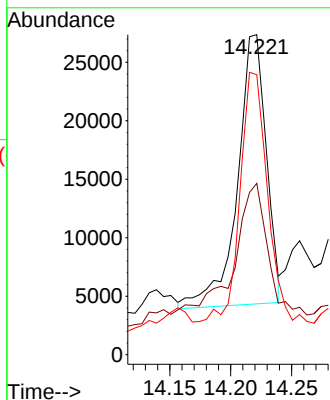
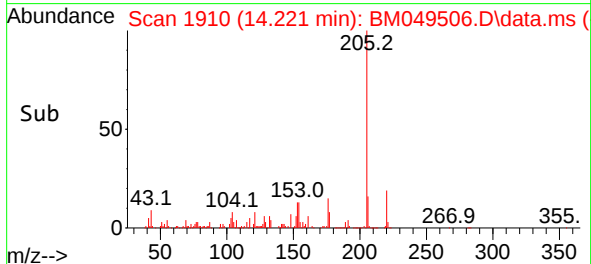
Instrument :
BNA_M
ClientSampleId :
E2963



Tgt Ion:153 Resp: 3810
Ion Ratio Lower Upper
153 100
152 53.6 39.0 58.4
154 87.5 71.5 107.3

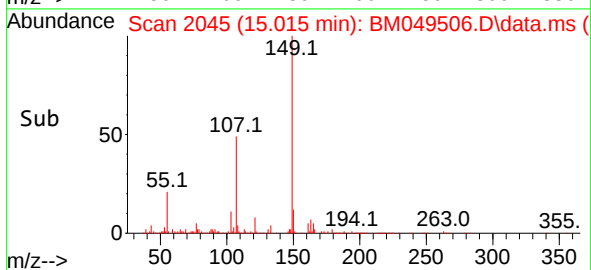
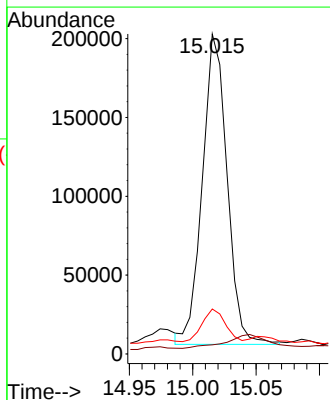
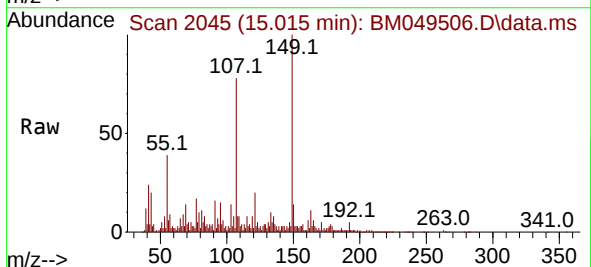
Manual Integrations
APPROVED

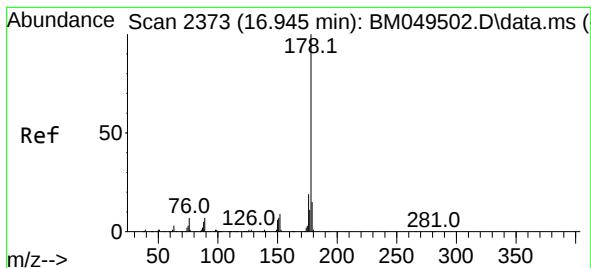
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#59
Diethylphthalate
Concen: 6.609 ng/ul m
RT: 15.015 min Scan# 2045
Delta R.T. 0.017 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

Tgt Ion:149 Resp: 267049
Ion Ratio Lower Upper
149 100
177 2.9 18.3 27.5#
150 14.0 9.9 14.9





#72

Phenanthrene

Concen: 1.051 ng/u1

RT: 16.951 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049506.D

Acq: 29 Jan 2025 16:18

Instrument :

BNA_M

ClientSampleId :

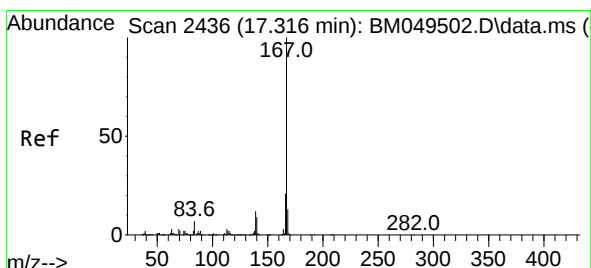
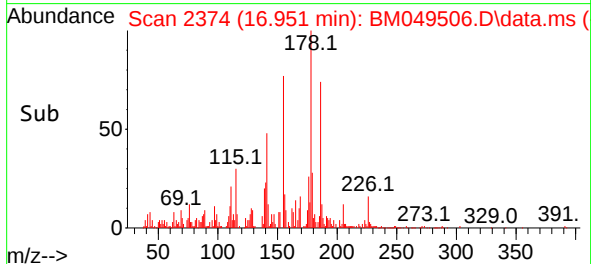
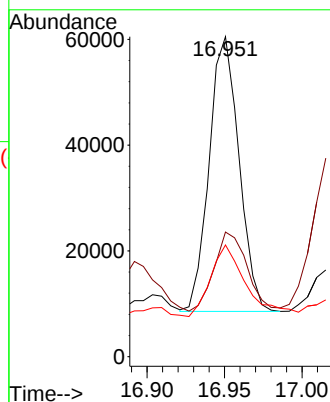
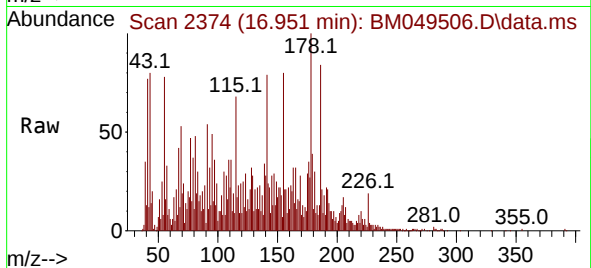
E2963

Tgt Ion:178	Resp:	6948
Ion Ratio	Lower	Upper
178	100	
179	38.9	12.4 18.6
176	34.9	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#77

Carbazole

Concen: 3.324 ng/u1

RT: 17.321 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BM049506.D

Acq: 29 Jan 2025 16:18

Tgt Ion:167	Resp:	197915
Ion Ratio	Lower	Upper
167	100	
166	25.5	17.2 25.8
139	18.4	9.3 13.9

