

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034665.D
 Acq On : 19 Oct 2024 01:47
 Operator : RC/JU
 Sample : P4380-06RX
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E27H7RX

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 19 02:25:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	399640	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1604218	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	865380	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1430869	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1067180	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1244419	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	44346	4.440	ng/uL	0.00
4) Pyridine-d5	3.617	84	333368	11.432	ng/u1	0.02
7) Phenol-d5	6.846	99	334421	10.196	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	593469	29.335	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	784853	30.978	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	566419	22.160	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	378924	33.942	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	418946	47.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	707696	34.804	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	450541	12.916	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1470913	26.867	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	2102235	30.914	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	101785	9.980	ng/u1	0.01
60) Fluorene-d10	15.292	176	1465808	30.956	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	166751	34.768	ng/u1	0.00
73) Anthracene-d10	17.139	188	2118285	34.632	ng/u1	0.00
81) Pyrene-d10	19.428	212	2069958	37.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	2143115	37.377	ng/u1	-0.02
Target Compounds						
8) Phenol	6.881	94	5427880	158.492	ng/u1	99
13) 2-Methylphenol	8.105	108	25303	1.001	ng/u1	98
16) Acetophenone	8.475	105	56367	1.381	ng/u1	97
18) 4-Methylphenol	8.428	108	201669	7.358	ng/u1	87
26) 2,4-Dimethylphenol	9.628	107	39855m	1.539	ng/u1	
30) Naphthalene	10.499	128	11075787	137.353	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	256540	4.832	ng/u1	100
37) 1-Methylnaphthalene	12.328	142	189581	3.508	ng/u1	95
50) Acenaphthylene	14.016	152	156684	2.126	ng/u1	96
52) Acenaphthene	14.357	153	77463	1.513	ng/u1	97
56) Dibenzofuran	14.698	168	141463	2.080	ng/u1	100
61) Fluorene	15.345	166	125477	2.289	ng/u1	99
72) Phenanthrene	17.081	178	162155	2.270	ng/u1	98
77) Carbazole	17.439	167	347977	5.092	ng/u1	99

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

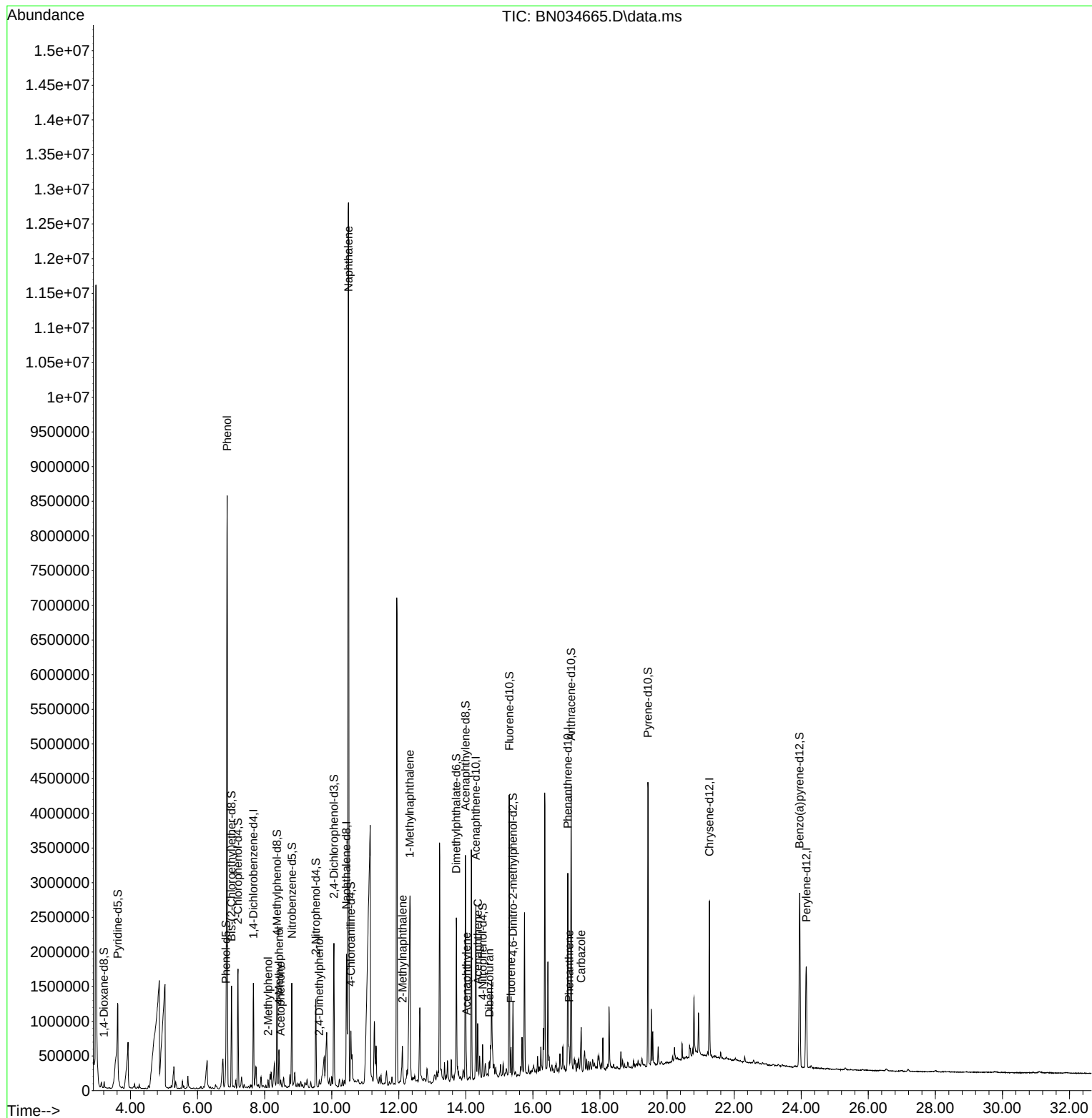
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Data File : BN034665.D
Acq On : 19 Oct 2024 01:47
Operator : RC/JU
Sample : P4380-06RX
Misc :
ALS Vial : 27 Sample Multiplier: 1

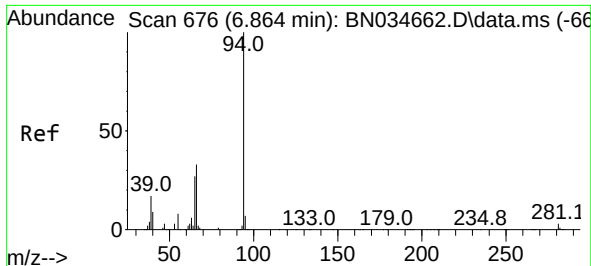
Instrument :
BNA_N
ClientSampleId :
E27H7RX

Quant Time: Oct 19 02:25:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

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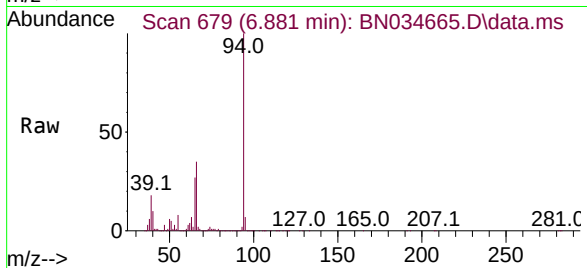
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024





#8
Phenol
Concen: 158.492 ng/ul
RT: 6.881 min Scan# 61
Delta R.T. 0.024 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

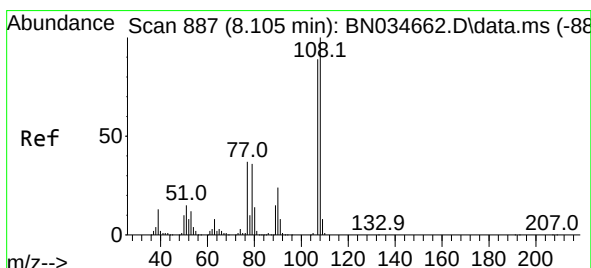
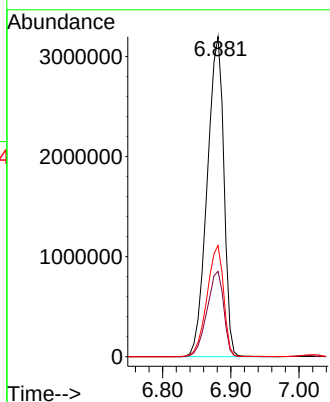
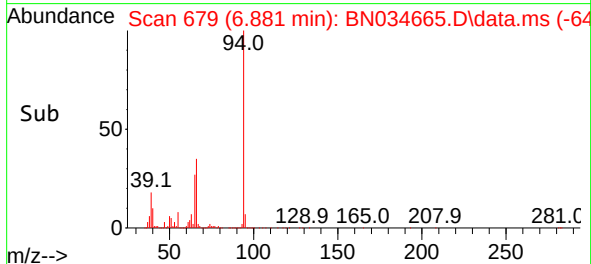
Instrument :
BNA_N
ClientSampleId :
E27H7RX



Tgt Ion: 94 Resp: 5427880
Ion Ratio Lower Upper
94 100
65 26.7 22.2 33.4
66 34.7 27.4 41.0

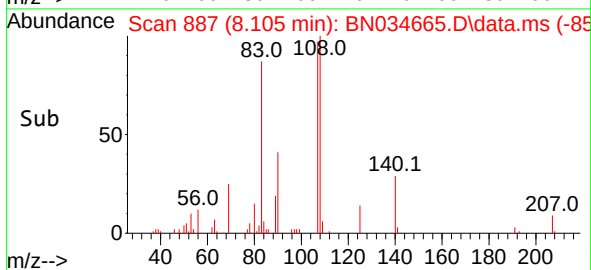
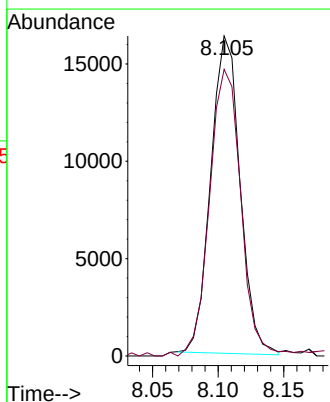
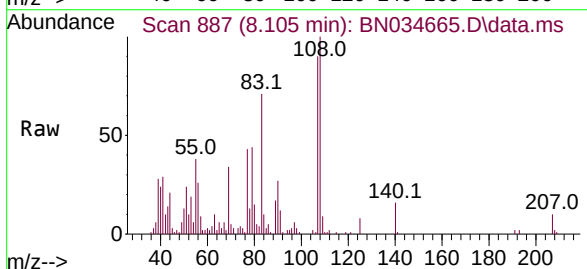
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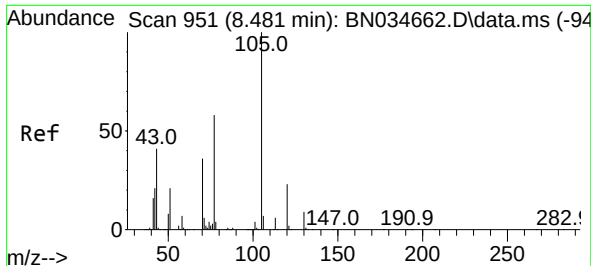
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#13
2-Methylphenol
Concen: 1.001 ng/ul
RT: 8.105 min Scan# 887
Delta R.T. 0.006 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

Tgt Ion:108 Resp: 25303
Ion Ratio Lower Upper
108 100
107 89.6 70.1 105.1





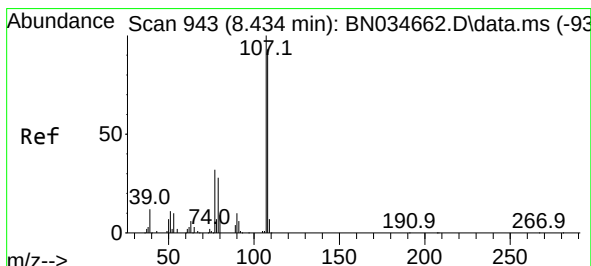
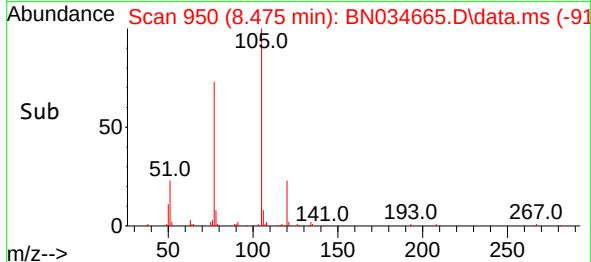
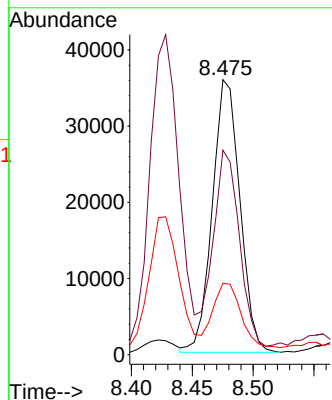
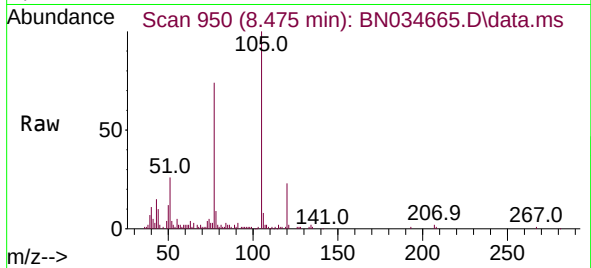
#16
Acetophenone
Concen: 1.381 ng/ul
RT: 8.475 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

Instrument :
BNA_N
ClientSampleId :
E27H7RX

Tgt Ion:105 Resp: 5636
Ion Ratio Lower Upper
105 100
77 74.3 61.4 92.0
51 26.0 22.1 33.1

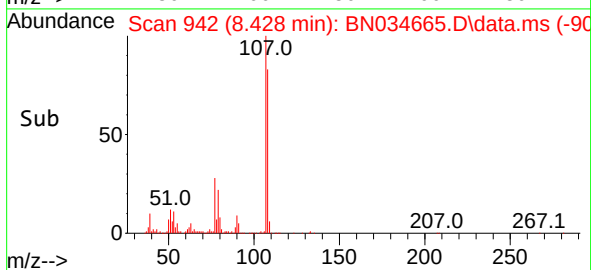
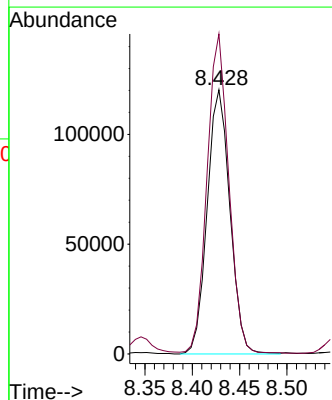
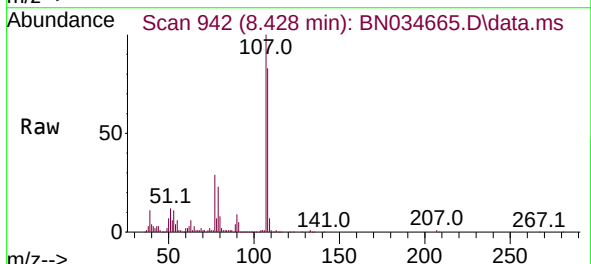
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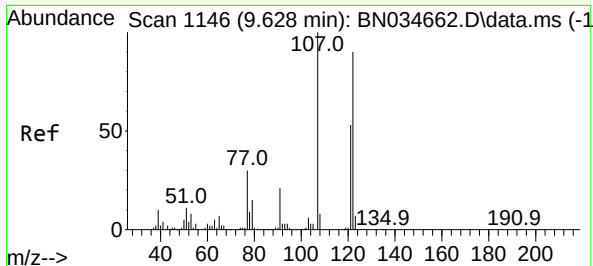
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#18
4-Methylphenol
Concen: 7.358 ng/ul
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

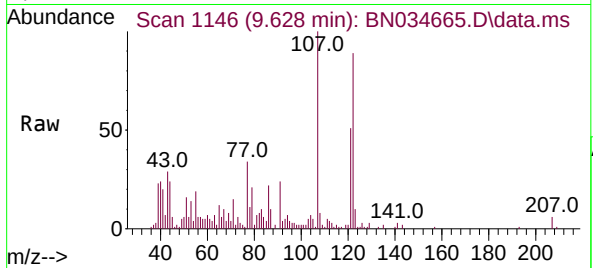
Tgt Ion:108 Resp: 201669
Ion Ratio Lower Upper
108 100
107 121.1 85.8 128.6





#26
2,4-Dimethylphenol
Concen: 1.539 ng/ul m
RT: 9.628 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

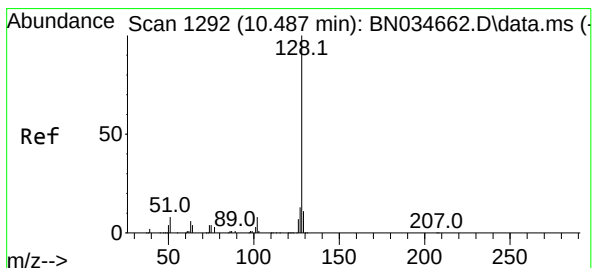
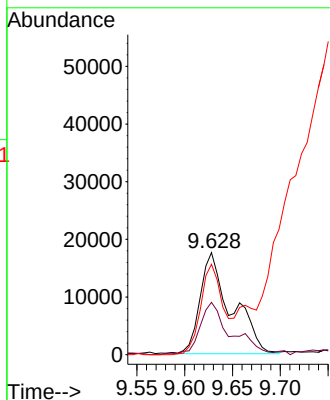
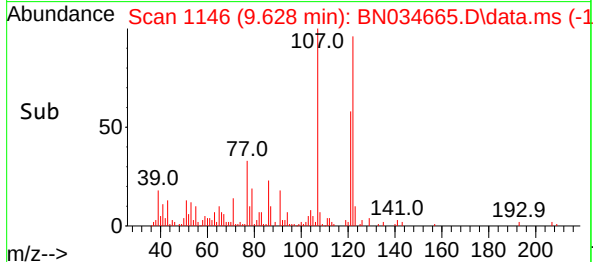
Instrument :
BNA_N
ClientSampleId :
E27H7RX



Tgt Ion:107 Resp: 3985
Ion Ratio Lower Upper
107 100
121 51.3 41.8 62.6
122 88.5 70.2 105.2

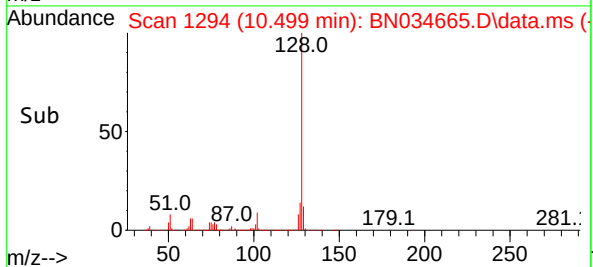
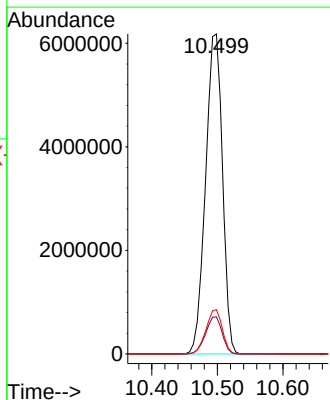
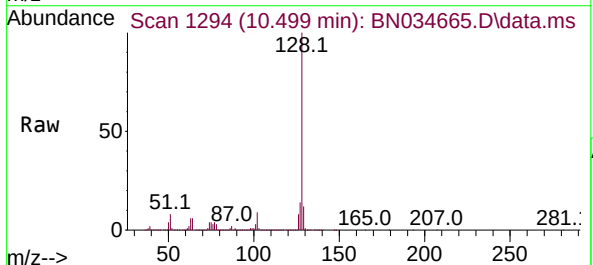
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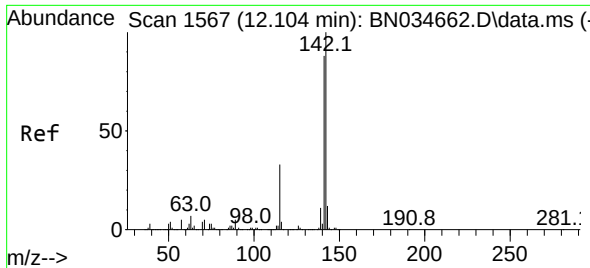
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#30
Naphthalene
Concen: 137.353 ng/ul
RT: 10.499 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

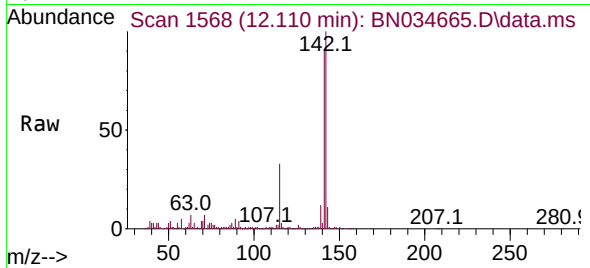
Tgt Ion:128 Resp:11075787
Ion Ratio Lower Upper
128 100
129 11.6 8.2 12.4
127 13.8 10.3 15.5





#36
2-Methylnaphthalene
Concen: 4.832 ng/ul
RT: 12.110 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

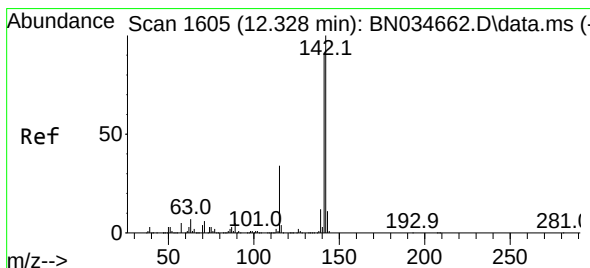
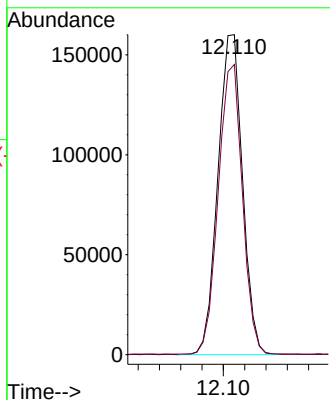
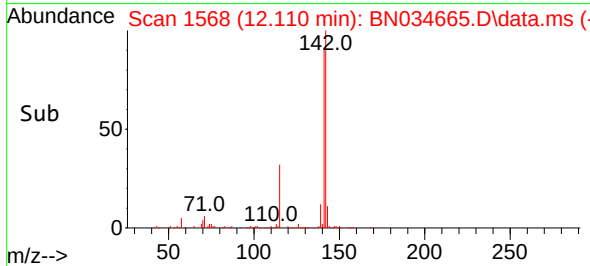
Instrument :
BNA_N
ClientSampleId :
E27H7RX



Tgt Ion:142 Resp: 256540
Ion Ratio Lower Upper
142 100
141 90.7 72.3 108.5

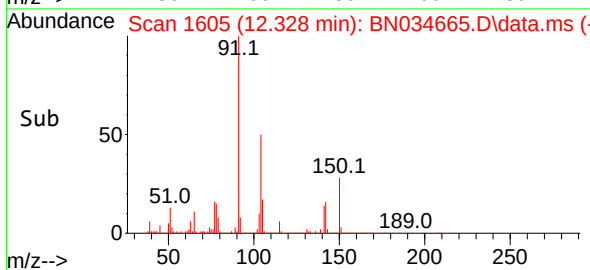
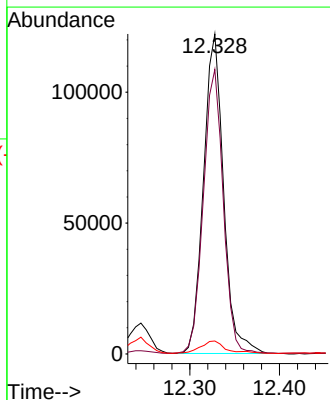
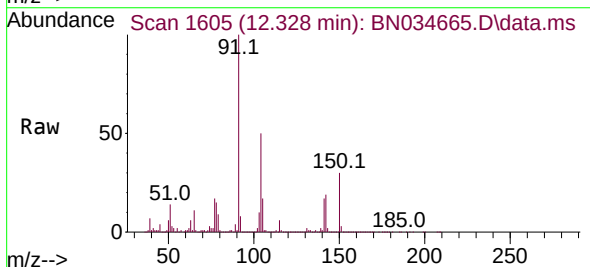
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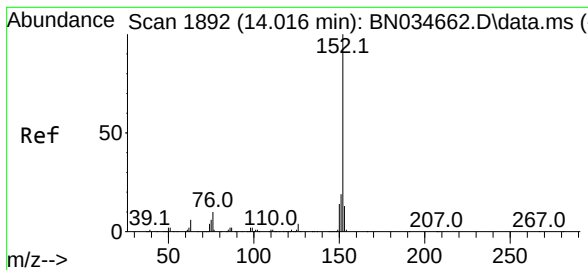
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#37
1-Methylnaphthalene
Concen: 3.508 ng/ul
RT: 12.328 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

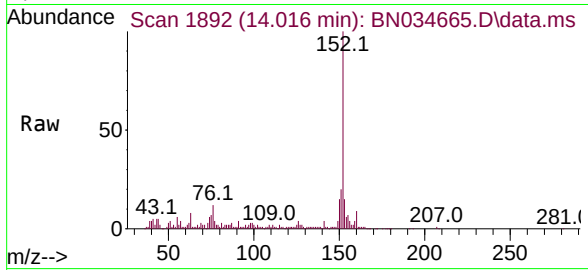
Tgt Ion:142 Resp: 189581
Ion Ratio Lower Upper
142 100
141 88.9 75.4 113.0
116 4.0 2.8 4.2





#50
Acenaphthylene
Concen: 2.126 ng/ul
RT: 14.016 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

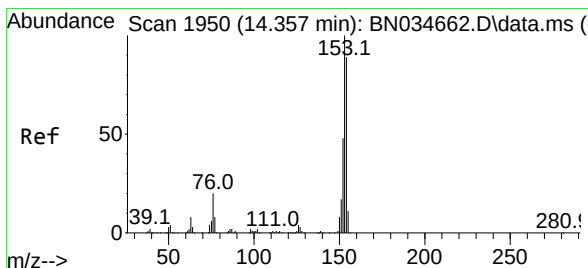
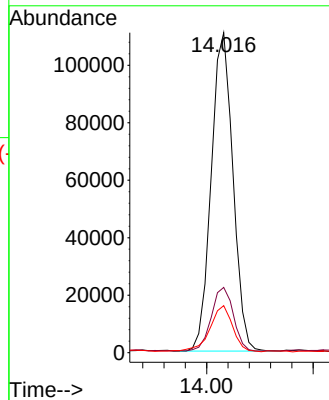
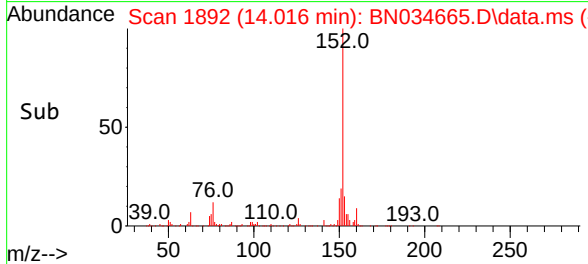
Instrument :
BNA_N
ClientSampleId :
E27H7RX



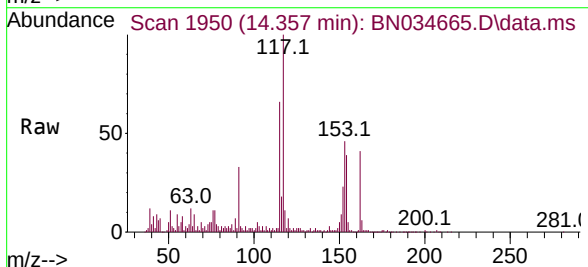
Tgt Ion:152 Resp: 156684
Ion Ratio Lower Upper
152 100
151 20.4 15.3 22.9
153 14.7 9.9 14.9

Manual Integrations
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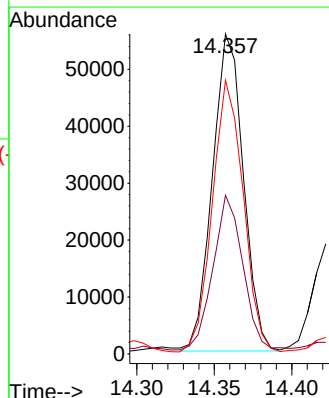
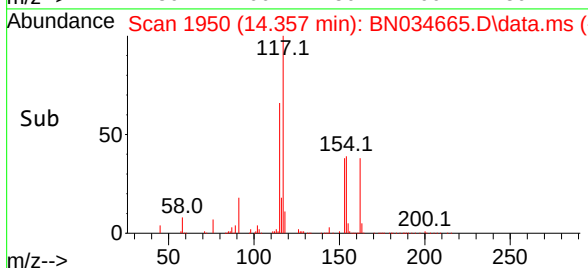
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Supervised By :mohammad ahmed 10/21/2024

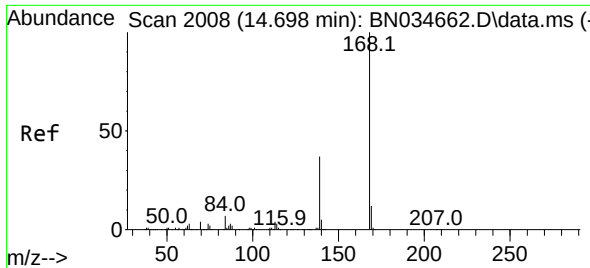


#52
Acenaphthene
Concen: 1.513 ng/ul
RT: 14.357 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47



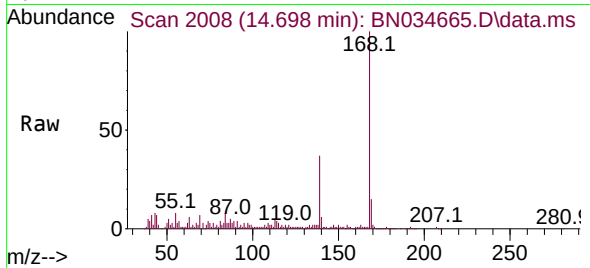
Tgt Ion:153 Resp: 77463
Ion Ratio Lower Upper
153 100
152 49.6 36.5 54.7
154 85.5 69.3 103.9





#56
Dibenzenofuran
Concen: 2.080 ng/u1
RT: 14.698 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

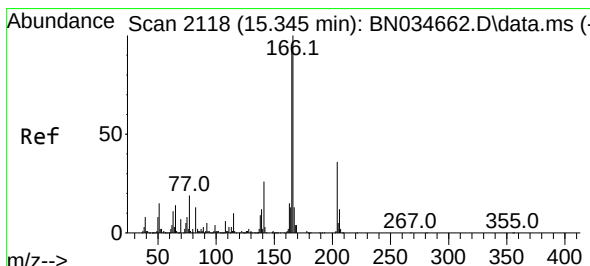
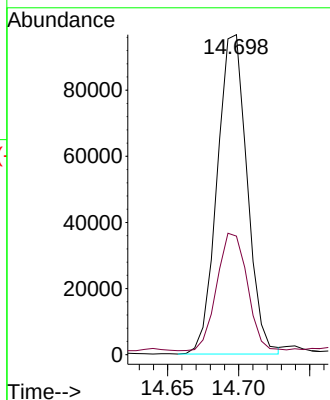
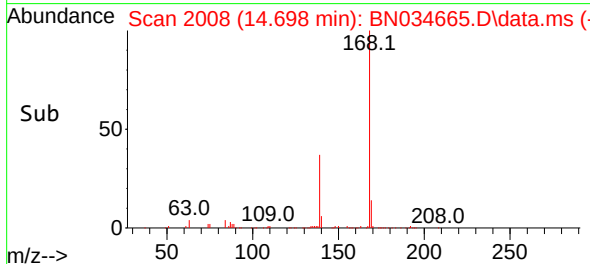
Instrument :
BNA_N
ClientSampleId :
E27H7RX



Tgt Ion:168 Resp: 141463
Ion Ratio Lower Upper
168 100
139 37.1 29.7 44.5

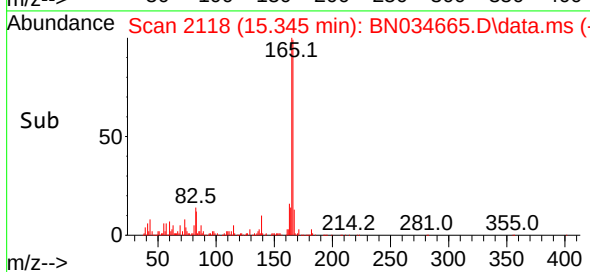
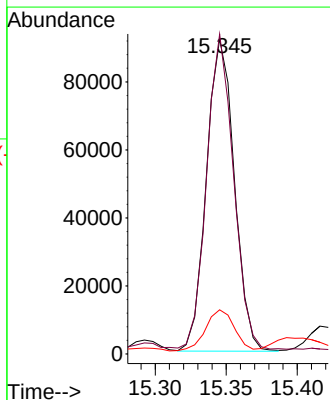
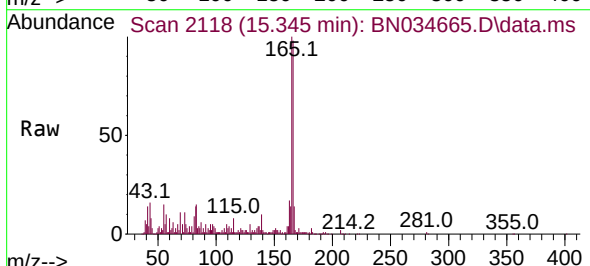
Manual Integrations
APPROVED

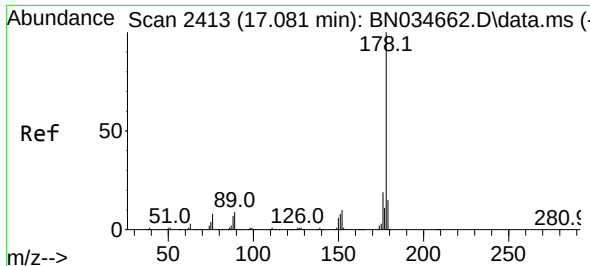
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#61
Fluorene
Concen: 2.289 ng/u1
RT: 15.345 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

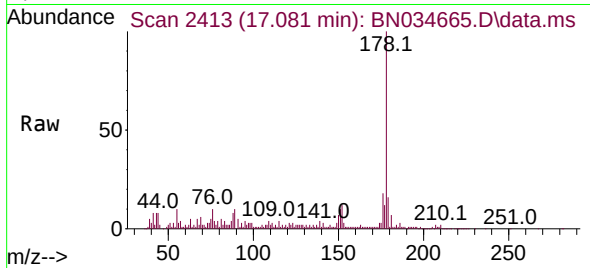
Tgt Ion:166 Resp: 125477
Ion Ratio Lower Upper
166 100
165 101.6 82.2 123.4
167 14.0 11.4 17.0





#72
Phenanthrene
Concen: 2.270 ng/ul
RT: 17.081 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47

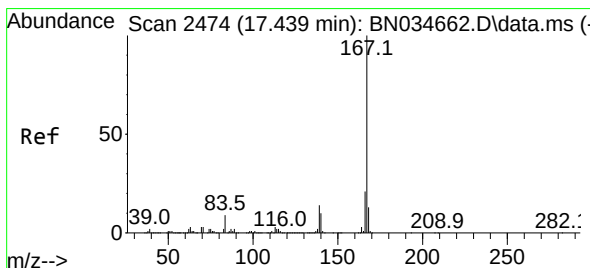
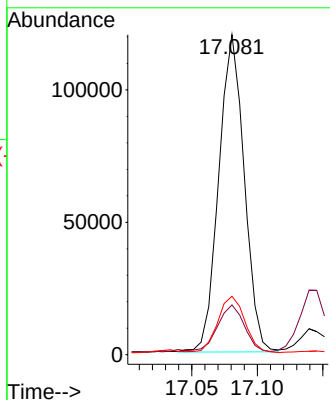
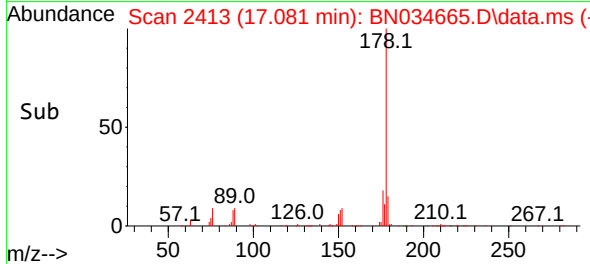
Instrument :
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ClientSampleId :
E27H7RX



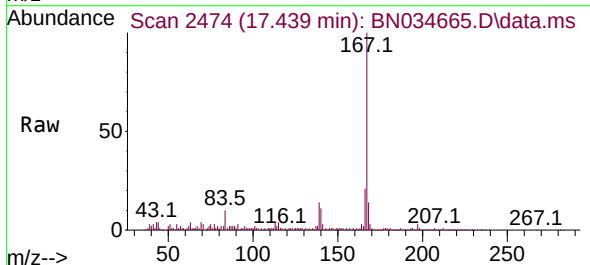
Tgt Ion:178 Resp: 16215
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.2 15.5 23.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#77
Carbazole
Concen: 5.092 ng/ul
RT: 17.439 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BN034665.D
Acq: 19 Oct 2024 01:47



Tgt Ion:167 Resp: 347977
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 13.9 10.6 16.0

