

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034664.D
 Acq On : 19 Oct 2024 01:08
 Operator : RC/JU
 Sample : P4380-04RX
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E27H5RX

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 01:50:06 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	7.664	152	399404	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1597668	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.299	164	846024	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.040	188	1387401	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1163653	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1391695	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	52513	5.261	ng/uL	0.00
4) Pyridine-d5	3.611	84	229995	7.892	ng/u1	0.01
7) Phenol-d5	6.834	99	324006	9.885	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	636530	31.482	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	771891	30.484	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	546046	21.376	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	402518	36.204	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	400891	45.629	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	682929	33.724	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	661799	19.050	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1554929	29.052	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	2184547	32.860	ng/u1	0.00
54) 4-Nitrophenol-d4	14.499	143	95781	9.606	ng/u1	0.01
60) Fluorene-d10	15.293	176	1510722	32.635	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	168258	36.181	ng/u1	0.00
73) Anthracene-d10	17.140	188	2216105	37.366	ng/u1	0.00
81) Pyrene-d10	19.428	212	2261420	37.849	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2427284	37.853	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.864	94	206150	6.023	ng/u1	100
18) 4-Methylphenol	8.434	108	103001	3.760	ng/u1	96
26) 2,4-Dimethylphenol	9.658	107	95161m	3.691	ng/u1	
30) Naphthalene	10.487	128	559055	6.961	ng/u1	98
36) 2-Methylnaphthalene	12.105	142	122905	2.324	ng/u1	99
37) 1-Methylnaphthalene	12.322	142	155365	2.886	ng/u1#	96
52) Acenaphthene	14.357	153	186168	3.720	ng/u1	99
56) Dibenzofuran	14.698	168	86617	1.302	ng/u1	96
61) Fluorene	15.346	166	82041	1.531	ng/u1	94
72) Phenanthrene	17.081	178	341005	4.924	ng/u1	99
77) Carbazole	17.440	167	103203	1.558	ng/u1#	95
80) Fluoranthene	19.092	202	80777	1.127	ng/u1#	92

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

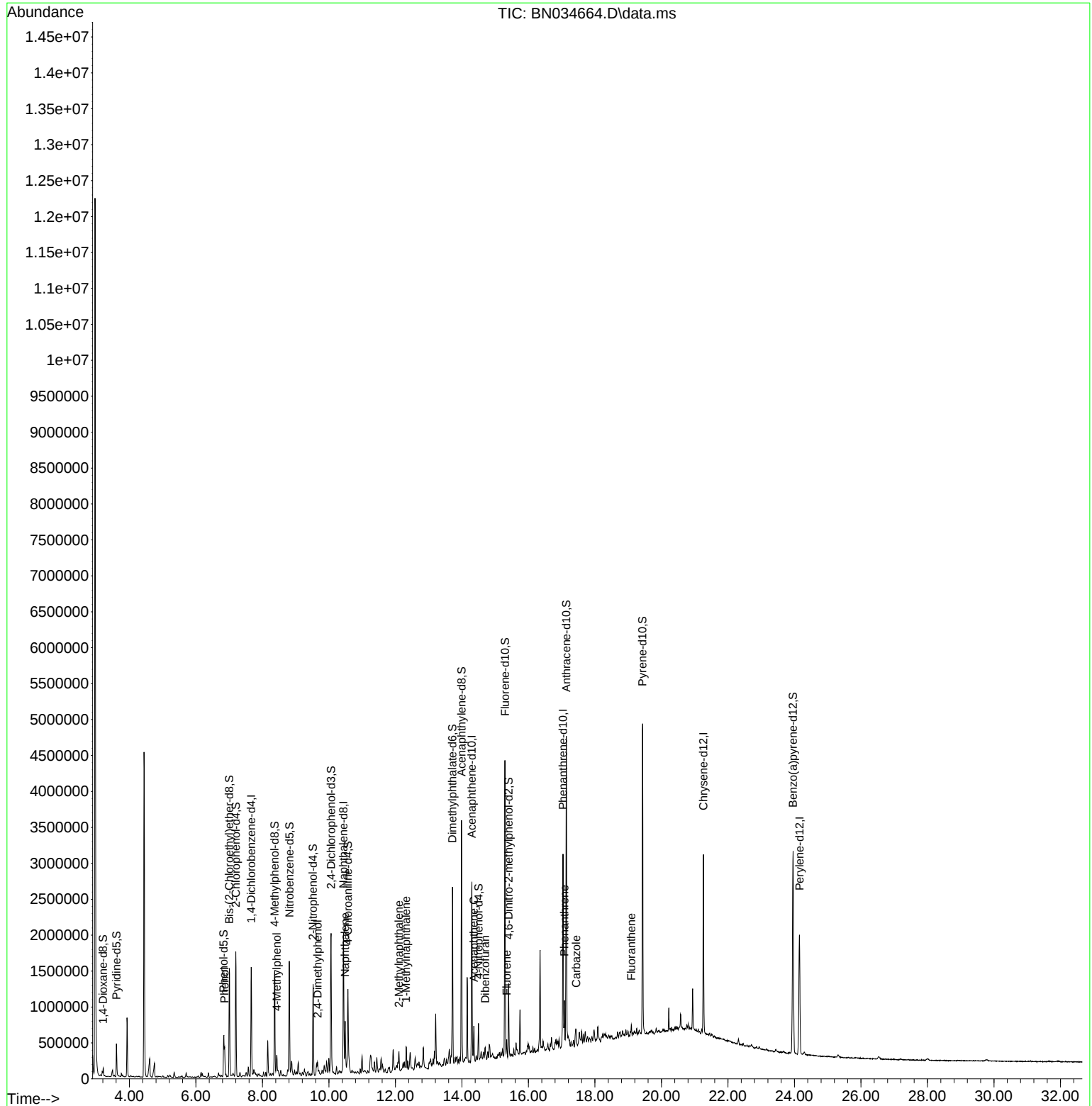
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034664.D
Acq On : 19 Oct 2024 01:08
Operator : RC/JU
Sample : P4380-04RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

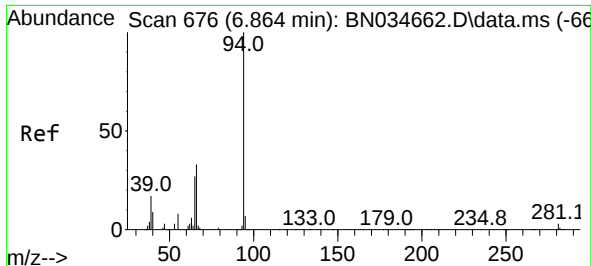
Instrument :
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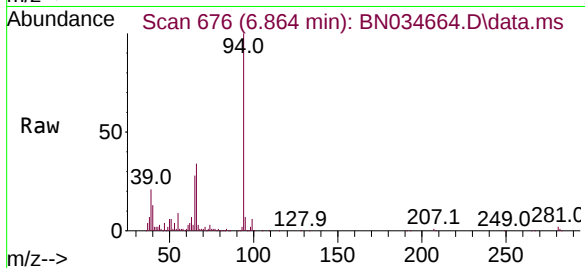
Quant Time: Oct 19 01:50:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration





#8
Phenol
Concen: 6.023 ng/u1
RT: 6.864 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08

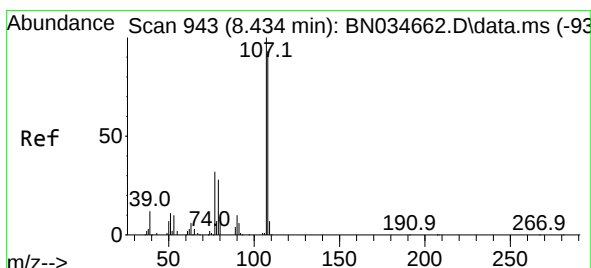
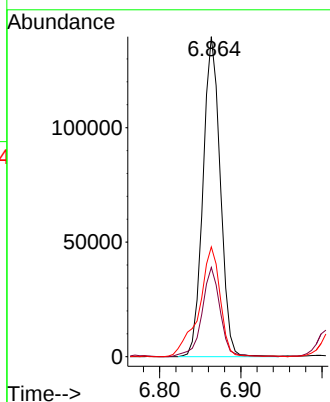
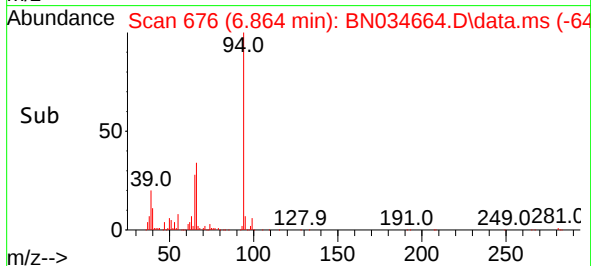
Instrument :
BNA_N
ClientSampleId :
E27H5RX



Tgt Ion: 94 Resp: 206150
Ion Ratio Lower Upper
94 100
65 27.9 22.2 33.4
66 34.3 27.4 41.0

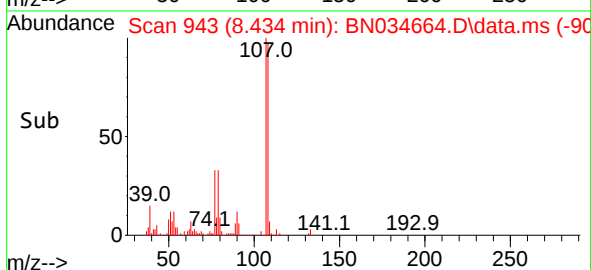
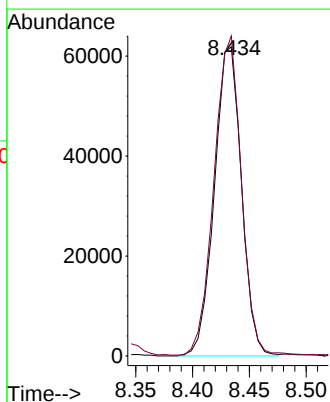
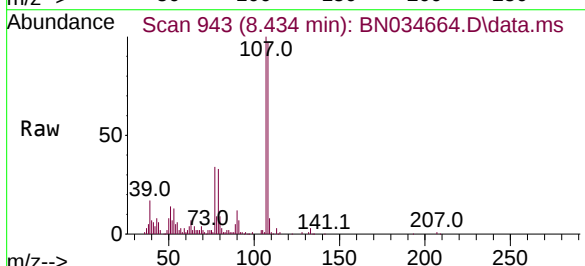
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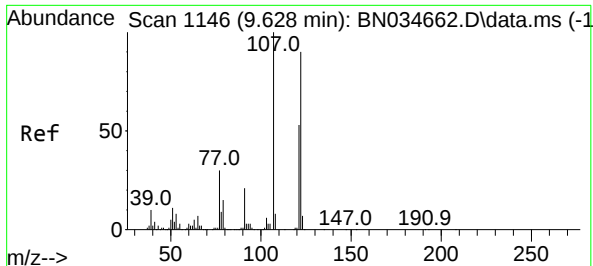
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#18
4-Methylphenol
Concen: 3.760 ng/u1
RT: 8.434 min Scan# 943
Delta R.T. 0.006 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08

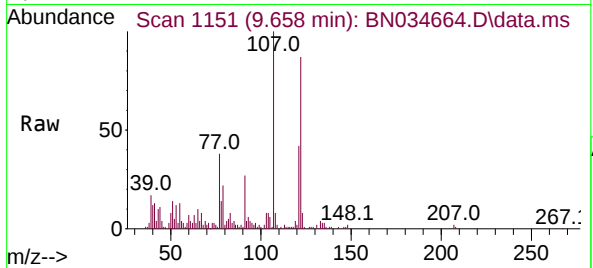
Tgt Ion:108 Resp: 103001
Ion Ratio Lower Upper
108 100
107 103.6 85.8 128.6





#26
2,4-Dimethylphenol
Concen: 3.691 ng/ul m
RT: 9.658 min Scan# 1146
Delta R.T. 0.036 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08

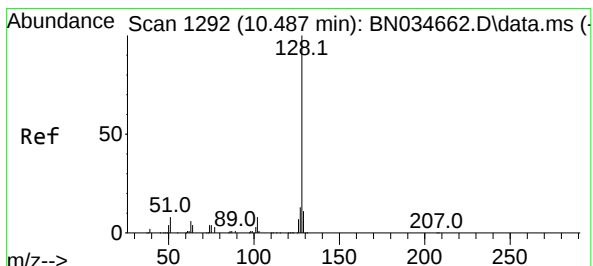
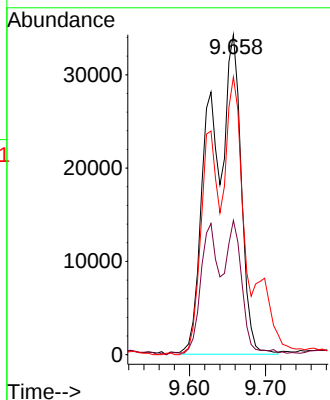
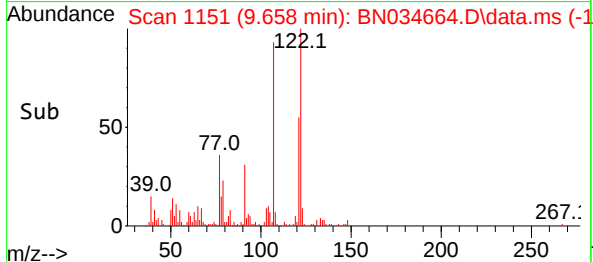
Instrument :
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ClientSampleId :
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Tgt Ion:107 Resp: 9516
Ion Ratio Lower Upper
107 100
121 41.9 41.8 62.6
122 86.8 70.2 105.2

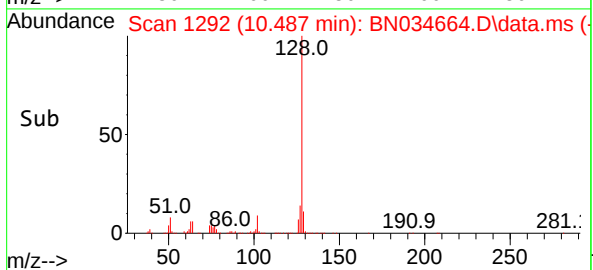
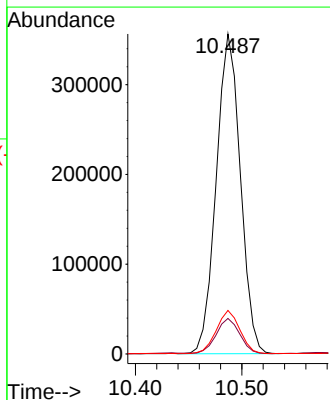
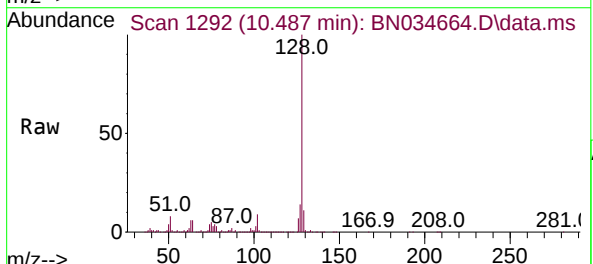
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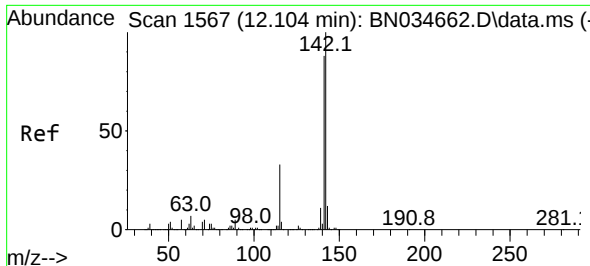
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#30
Naphthalene
Concen: 6.961 ng/ul
RT: 10.487 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08

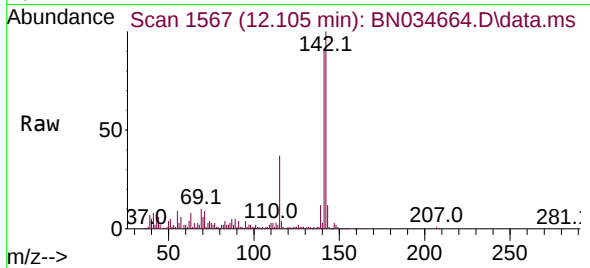
Tgt Ion:128 Resp: 559055
Ion Ratio Lower Upper
128 100
129 11.1 8.2 12.4
127 13.6 10.3 15.5





#36
2-Methylnaphthalene
Concen: 2.324 ng/ul
RT: 12.105 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08

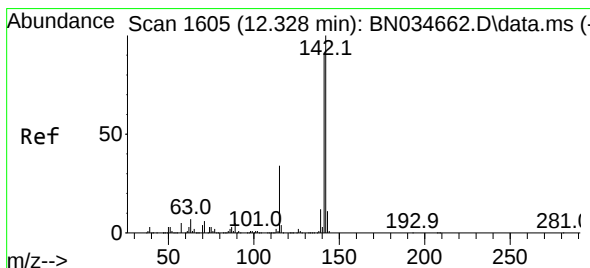
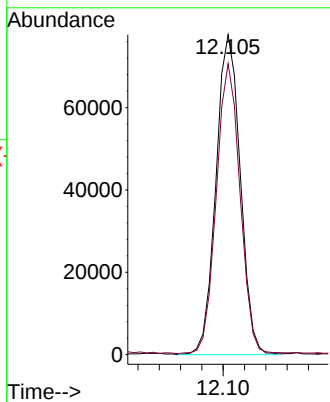
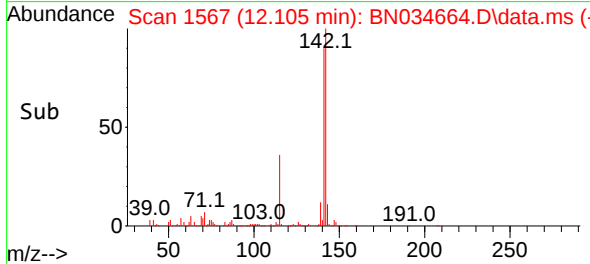
Instrument :
BNA_N
ClientSampleId :
E27H5RX



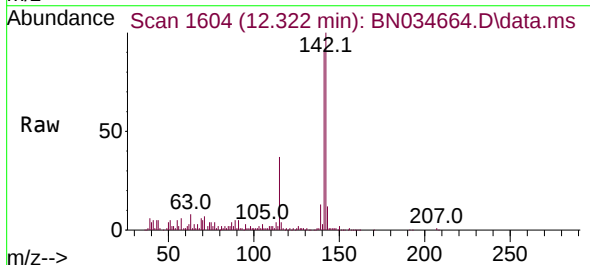
Tgt Ion:142 Resp: 122905
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5

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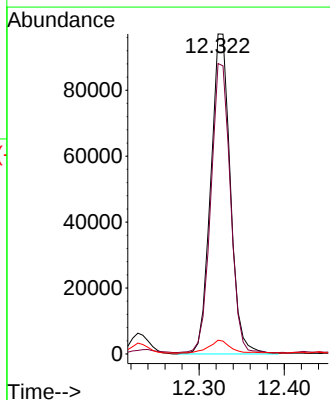
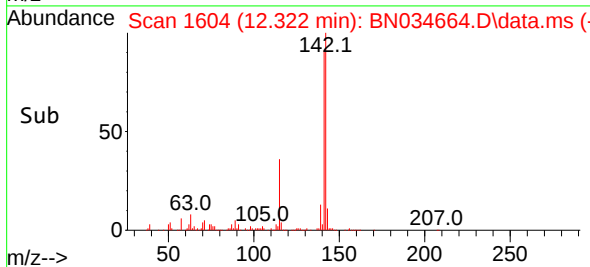
Reviewed By :Yogesh Patel 10/21/2024
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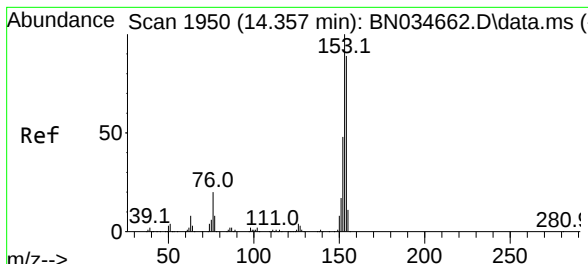


#37
1-Methylnaphthalene
Concen: 2.886 ng/ul
RT: 12.322 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08



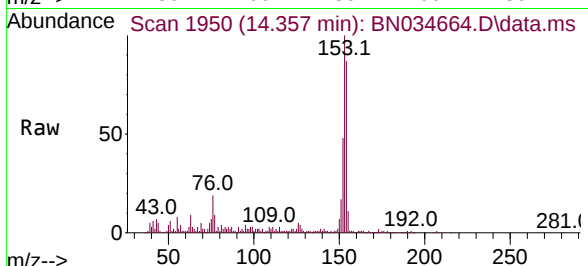
Tgt Ion:142 Resp: 155365
Ion Ratio Lower Upper
142 100
141 90.8 75.4 113.0
116 4.3 2.8 4.2#





#52
Acenaphthene
Concen: 3.720 ng/ul
RT: 14.357 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08

Instrument : BNA_N
ClientSampleId : E27H5RX

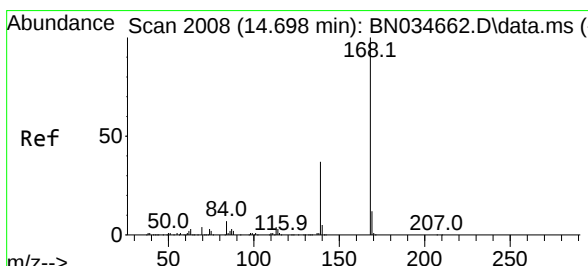
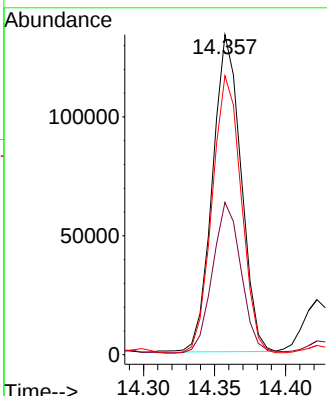
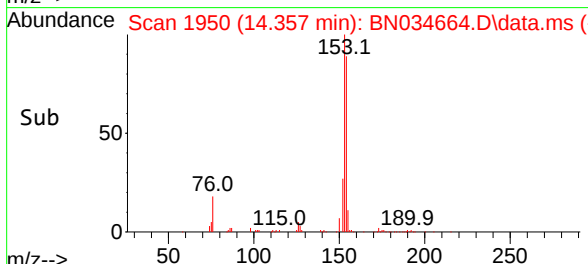


Tgt Ion:153 Resp: 186168

Ion	Ratio	Lower	Upper
153	100		
152	47.6	36.5	54.7
154	87.2	69.3	103.9

Manual Integrations
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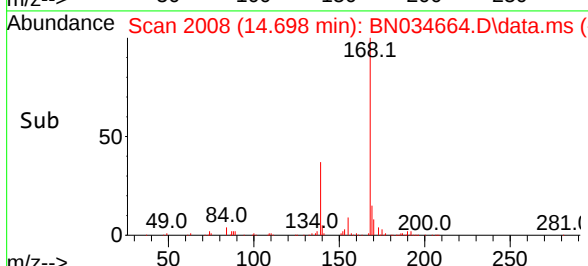
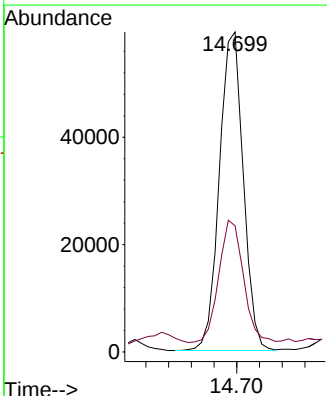
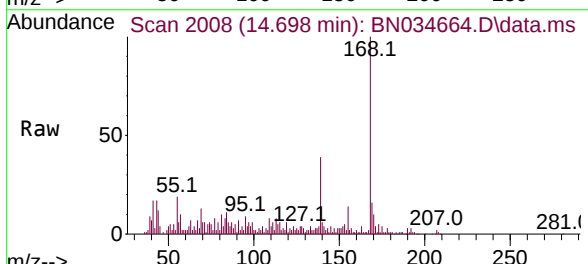
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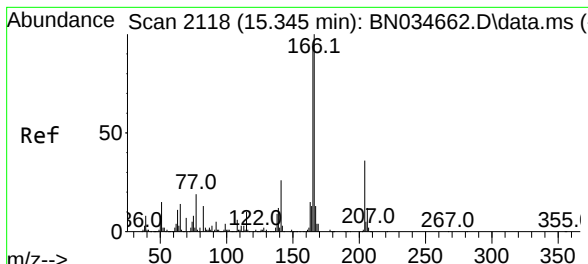


#56
Dibenzofuran
Concen: 1.302 ng/ul
RT: 14.698 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN034664.D
Acq: 19 Oct 2024 01:08

Tgt Ion:168 Resp: 86617

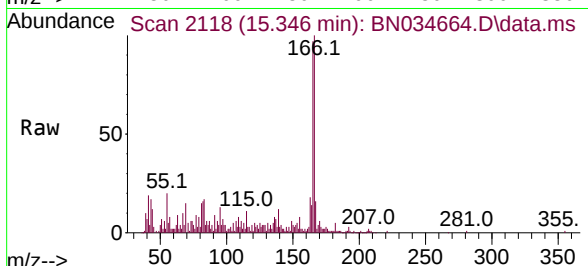
Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.7	44.5





#61
 Fluorene
 Concen: 1.531 ng/ul
 RT: 15.346 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BN034664.D
 Acq: 19 Oct 2024 01:08

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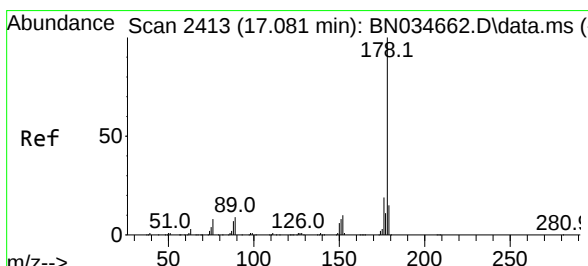
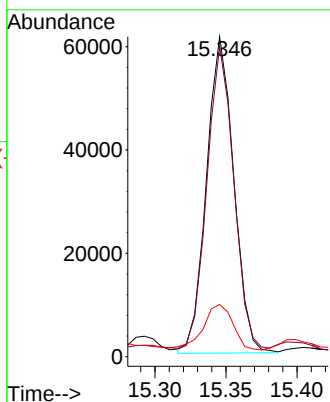
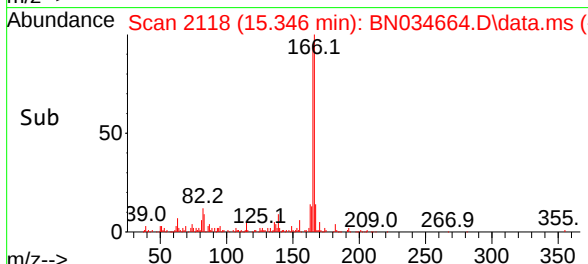


Tgt Ion:166 Resp: 8204

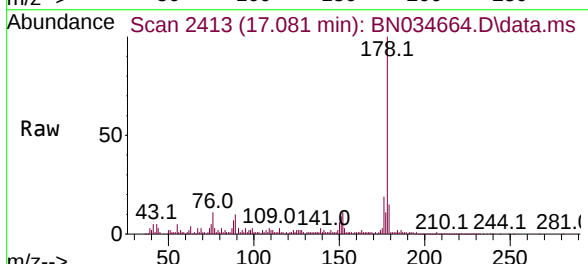
Ion	Ratio	Lower	Upper
166	100		
165	97.1	82.2	123.4
167	16.3	11.4	17.0

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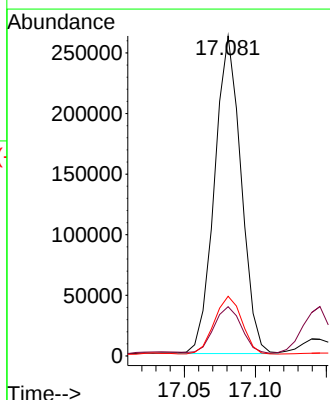
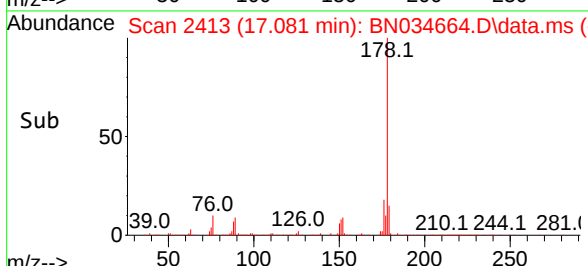


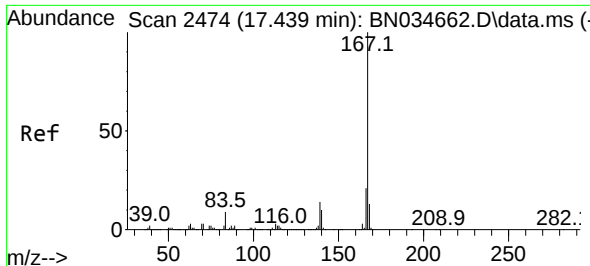
#72
 Phenanthrene
 Concen: 4.924 ng/ul
 RT: 17.081 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BN034664.D
 Acq: 19 Oct 2024 01:08



Tgt Ion:178 Resp: 341005

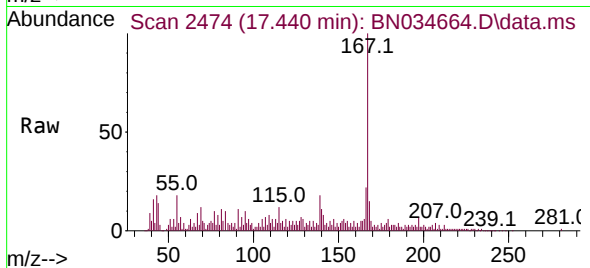
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.7	15.5	23.3





#77
 Carbazole
 Concen: 1.558 ng/ul
 RT: 17.440 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN034664.D
 Acq: 19 Oct 2024 01:08

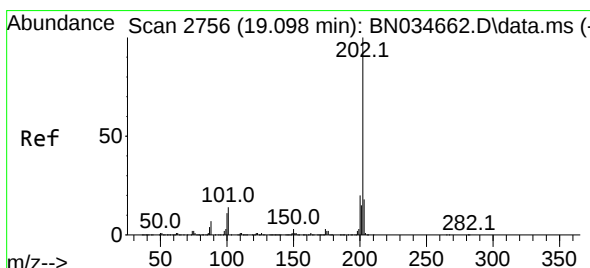
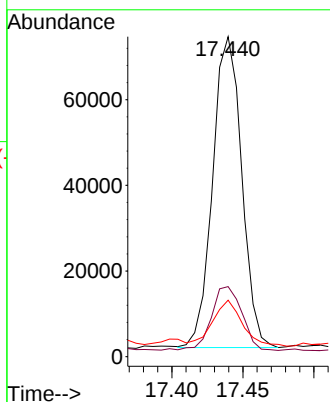
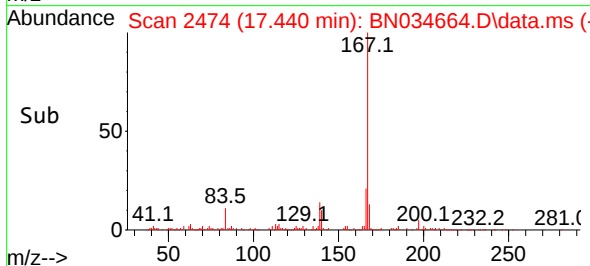
Instrument :
 BNA_N
 ClientSampleId :
 E27H5RX



Tgt Ion:167 Resp: 103200
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 17.6 10.6 16.0

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



#80
 Fluoranthene
 Concen: 1.127 ng/ul
 RT: 19.092 min Scan# 2755
 Delta R.T. -0.011 min
 Lab File: BN034664.D
 Acq: 19 Oct 2024 01:08

Tgt Ion:202 Resp: 80777
 Ion Ratio Lower Upper
 202 100
 101 17.2 10.6 15.8#
 100 12.5 8.2 12.2#

