

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034667.D
 Acq On : 19 Oct 2024 03:06
 Operator : RC/JU
 Sample : P4380-08RX
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E27J0RX

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 03:46:13 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	359012	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1406928	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	735710	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1315383	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1176634	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1404213	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	44662	4.978	ng/uL	0.00
4) Pyridine-d5	3.611	84	335767	12.817	ng/u1	0.01
7) Phenol-d5	6.840	99	305552	10.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	595864	32.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	741491	32.579	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	503035	21.908	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	374846	38.285	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	382728	49.467	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	631439	35.409	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	791216	25.863	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1324530	28.458	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	2050399	35.466	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	96599	11.141	ng/u1	0.01
60) Fluorene-d10	15.292	176	1423579	35.363	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	171298	38.851	ng/u1	0.00
73) Anthracene-d10	17.139	188	2155897	38.341	ng/u1	0.00
81) Pyrene-d10	19.433	212	2308289	38.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2594772	40.104	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	6.863	94	191577	6.227	ng/u1	99
18) 4-Methylphenol	8.434	108	94655	3.844	ng/u1	95
26) 2,4-Dimethylphenol	9.657	107	86159m	3.795	ng/u1	
30) Naphthalene	10.487	128	527882	7.464	ng/u1	98
36) 2-Methylnaphthalene	12.104	142	112024	2.406	ng/u1	99
37) 1-Methylnaphthalene	12.322	142	142345	3.003	ng/u1	97
52) Acenaphthene	14.357	153	173708	3.991	ng/u1	97
56) Dibenzofuran	14.698	168	79923	1.382	ng/u1	97
61) Fluorene	15.345	166	74786	1.605	ng/u1	98
72) Phenanthrene	17.081	178	330995	5.041	ng/u1	99
77) Carbazole	17.439	167	104453	1.663	ng/u1#	94
80) Fluoranthene	19.098	202	81624	1.126	ng/u1	97

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

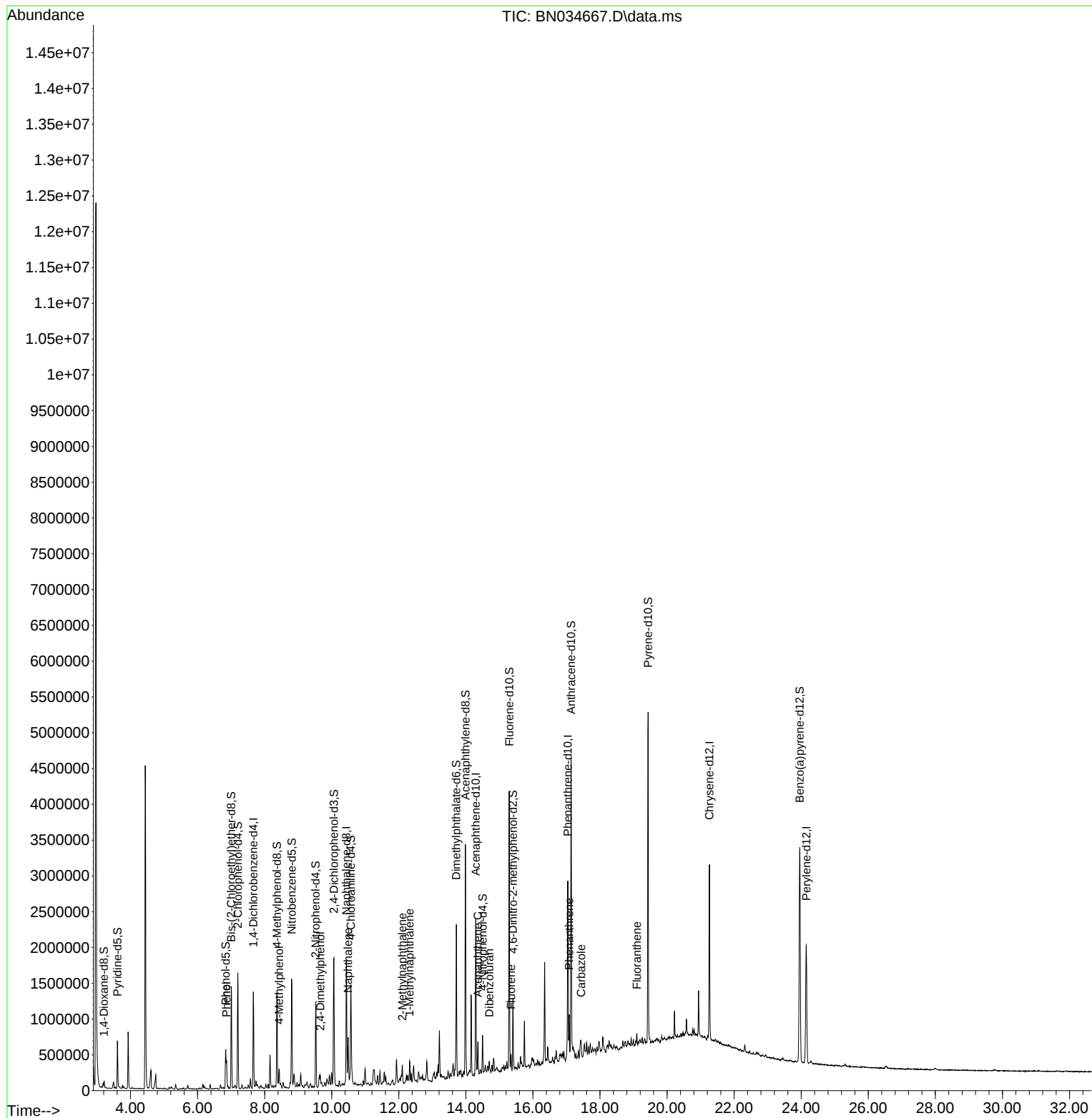
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034667.D
Acq On : 19 Oct 2024 03:06
Operator : RC/JU
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ALS Vial : 29 Sample Multiplier: 1

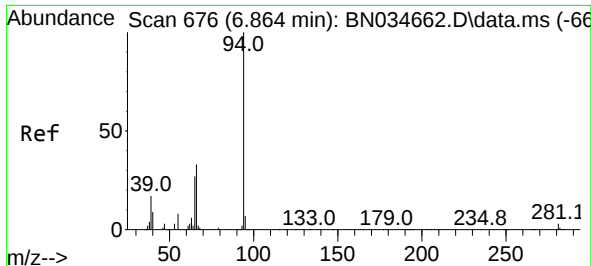
Instrument :
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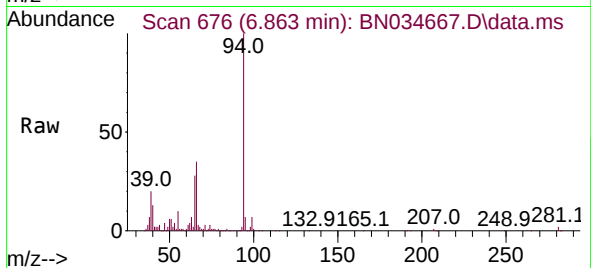
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration





#8
Phenol
Concen: 6.227 ng/u1
RT: 6.863 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN034667.D
Acq: 19 Oct 2024 03:06

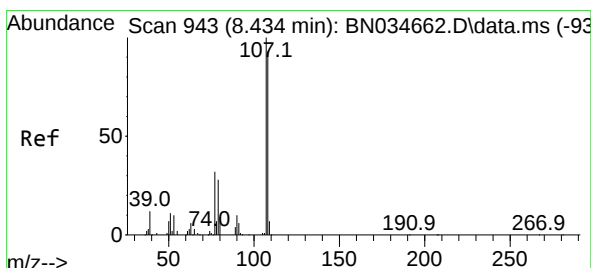
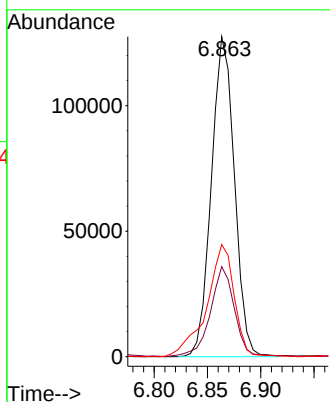
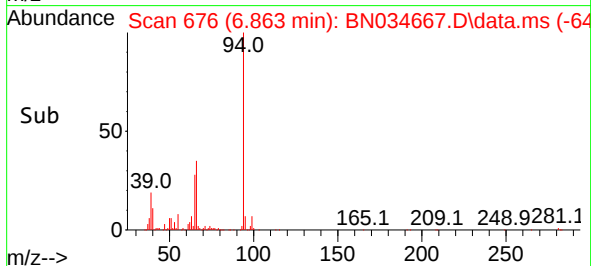
Instrument :
BNA_N
ClientSampleId :
E27J0RX



Tgt Ion: 94 Resp: 19157
Ion Ratio Lower Upper
94 100
65 28.1 22.2 33.4
66 35.1 27.4 41.0

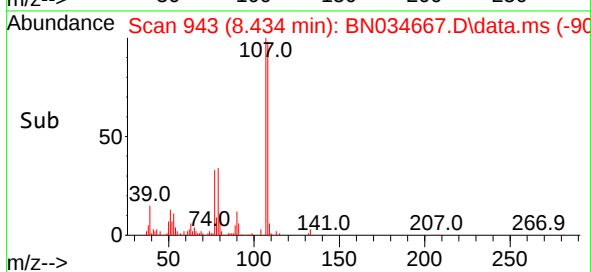
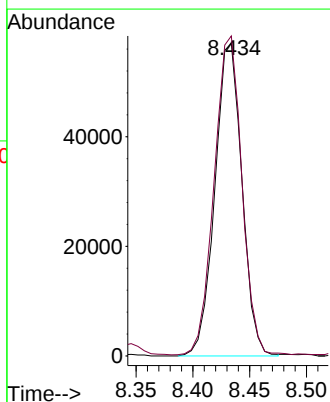
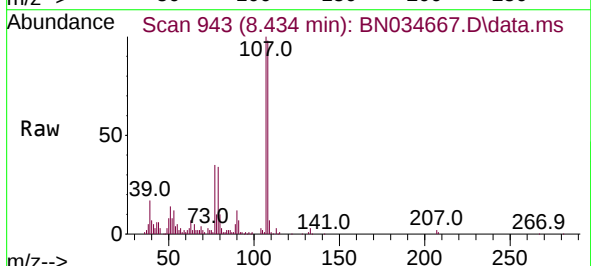
Manual Integrations
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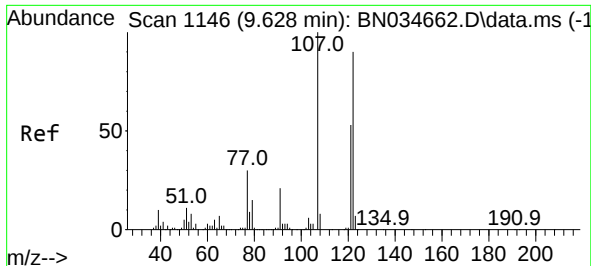
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#18
4-Methylphenol
Concen: 3.844 ng/u1
RT: 8.434 min Scan# 943
Delta R.T. 0.006 min
Lab File: BN034667.D
Acq: 19 Oct 2024 03:06

Tgt Ion:108 Resp: 94655
Ion Ratio Lower Upper
108 100
107 102.4 85.8 128.6





#26

2,4-Dimethylphenol

Concen: 3.795 ng/ul m

RT: 9.657 min Scan# 1151

Delta R.T. 0.035 min

Lab File: BN034667.D

Acq: 19 Oct 2024 03:06

Instrument :

BNA_N

ClientSampleId :

E27J0RX

Tgt Ion:107 Resp: 86159

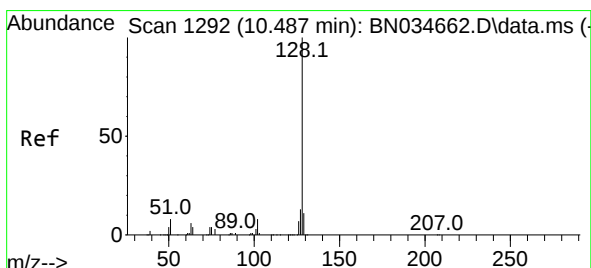
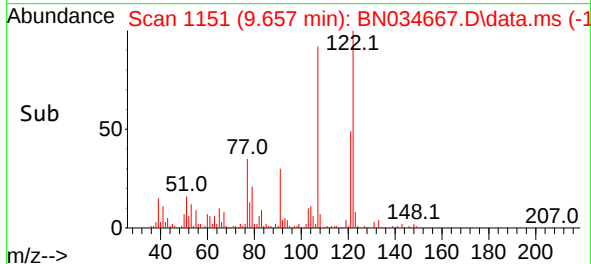
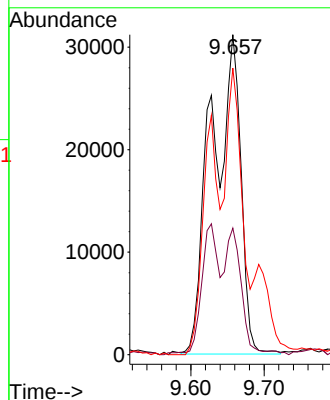
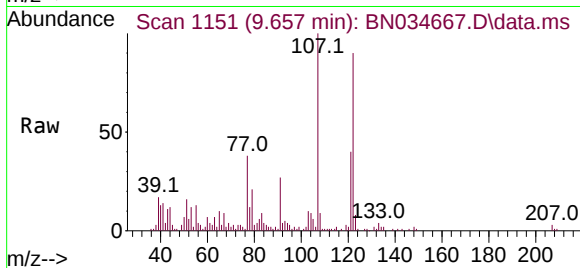
Ion	Ratio	Lower	Upper
107	100		
121	39.6	41.8	62.6
122	89.5	70.2	105.2

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#30

Naphthalene

Concen: 7.464 ng/ul

RT: 10.487 min Scan# 1292

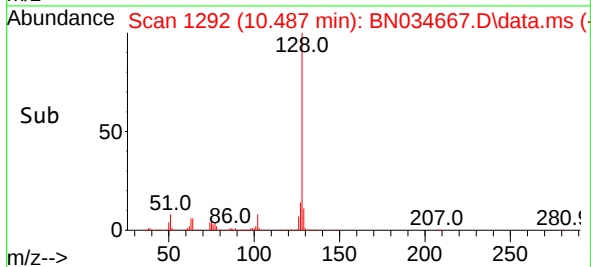
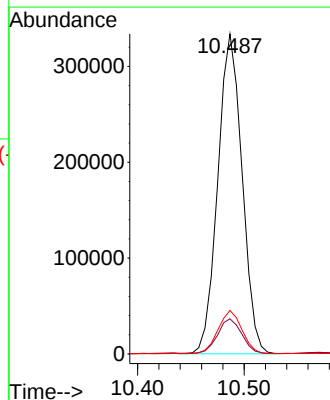
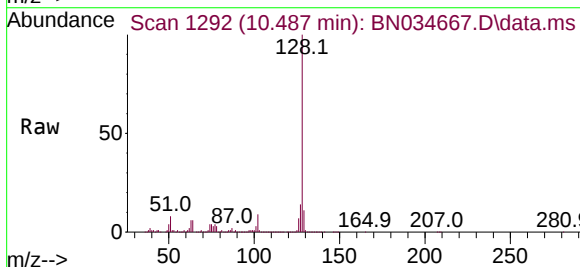
Delta R.T. -0.006 min

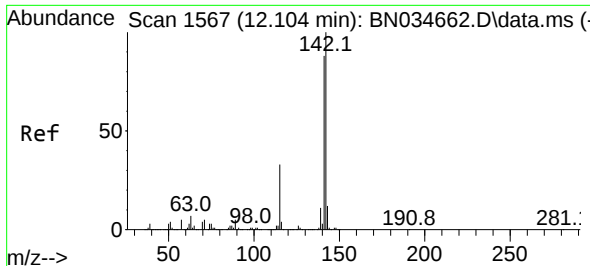
Lab File: BN034667.D

Acq: 19 Oct 2024 03:06

Tgt Ion:128 Resp: 527882

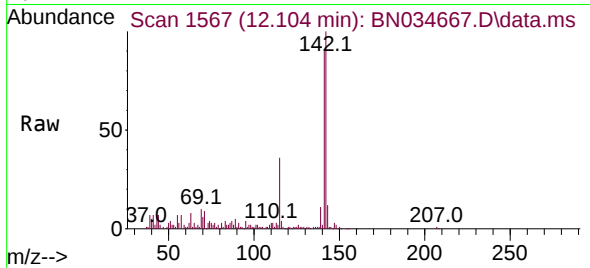
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.2	12.4
127	13.6	10.3	15.5





#36
2-Methylnaphthalene
Concen: 2.406 ng/ul
RT: 12.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN034667.D
Acq: 19 Oct 2024 03:06

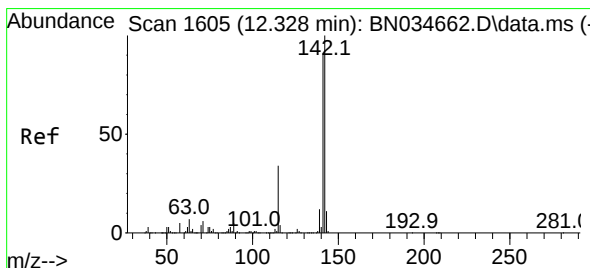
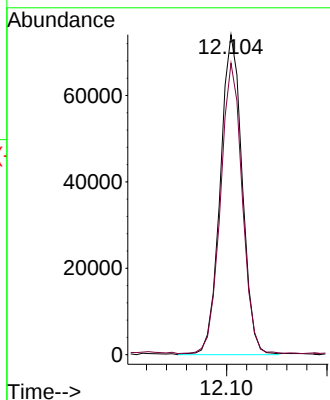
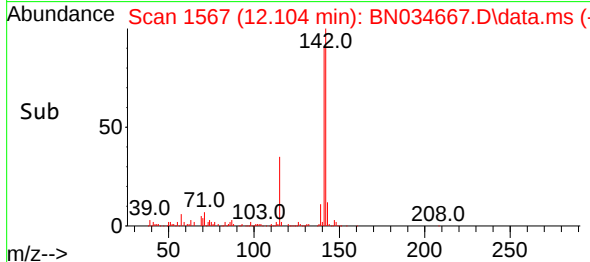
Instrument :
BNA_N
ClientSampleId :
E27J0RX



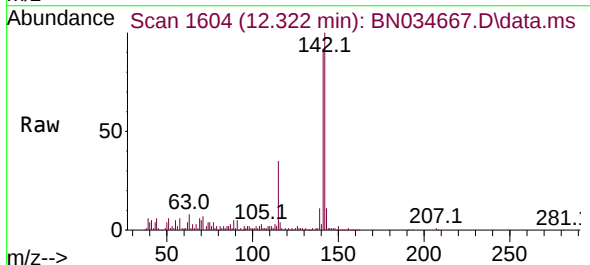
Tgt Ion:142 Resp: 112024
Ion Ratio Lower Upper
142 100
141 91.1 72.3 108.5

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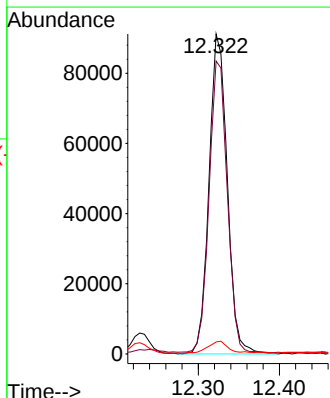
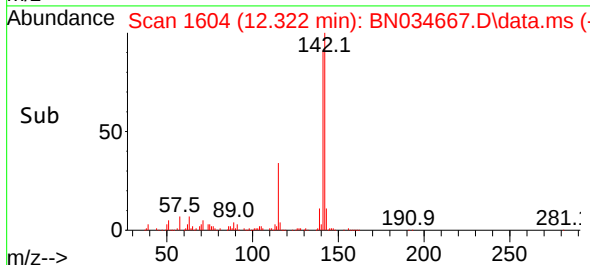
Reviewed By :Yogesh Patel 10/21/2024
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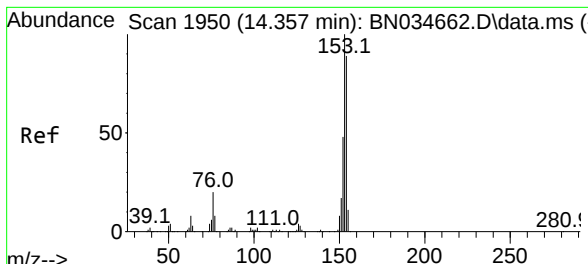


#37
1-Methylnaphthalene
Concen: 3.003 ng/ul
RT: 12.322 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BN034667.D
Acq: 19 Oct 2024 03:06



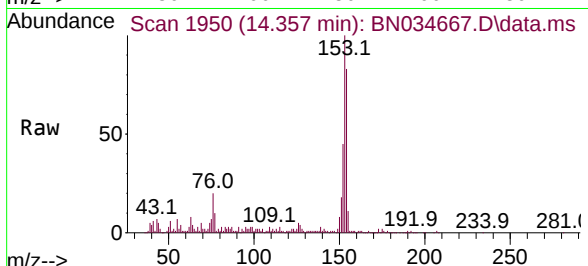
Tgt Ion:142 Resp: 142345
Ion Ratio Lower Upper
142 100
141 91.6 75.4 113.0
116 3.8 2.8 4.2





#52
 Acenaphthene
 Concen: 3.991 ng/u1
 RT: 14.357 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: BN034667.D
 Acq: 19 Oct 2024 03:06

Instrument : BNA_N
 ClientSampleId : E27J0RX

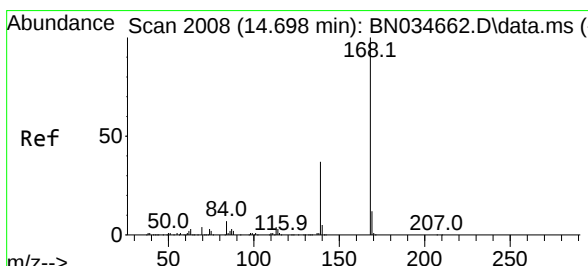
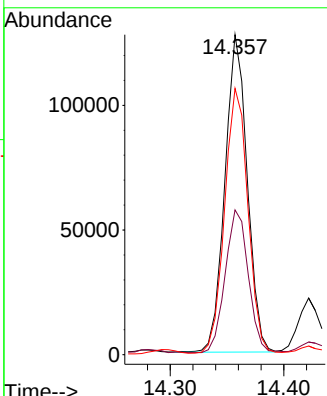
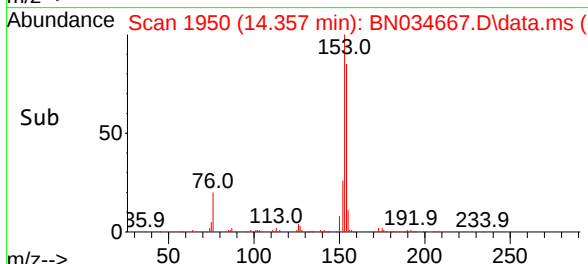


Tgt Ion:153 Resp: 173708

Ion	Ratio	Lower	Upper
153	100		
152	45.3	36.5	54.7
154	83.2	69.3	103.9

Manual Integrations
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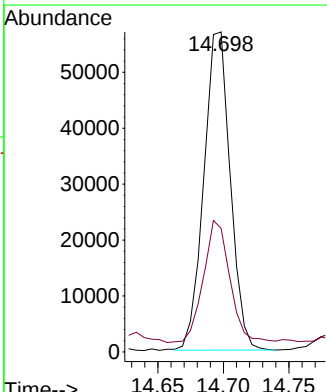
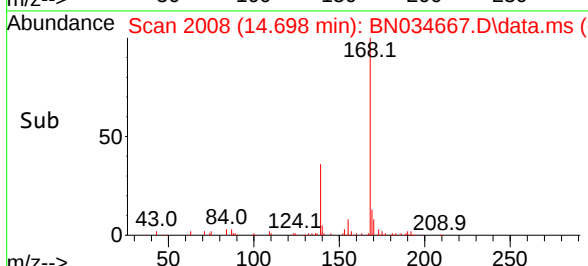
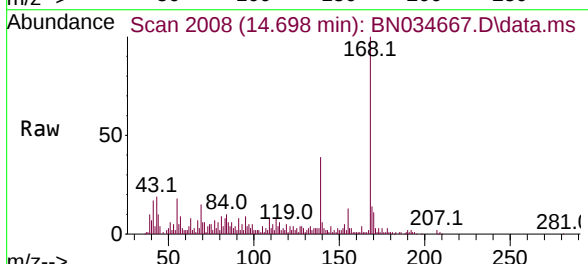
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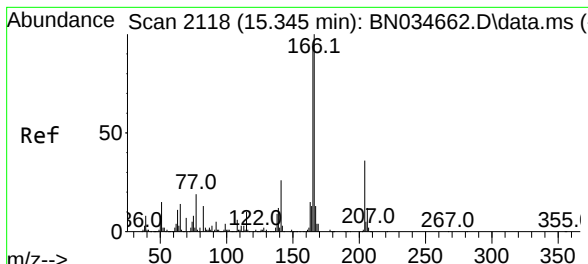


#56
 Dibenzofuran
 Concen: 1.382 ng/u1
 RT: 14.698 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: BN034667.D
 Acq: 19 Oct 2024 03:06

Tgt Ion:168 Resp: 79923

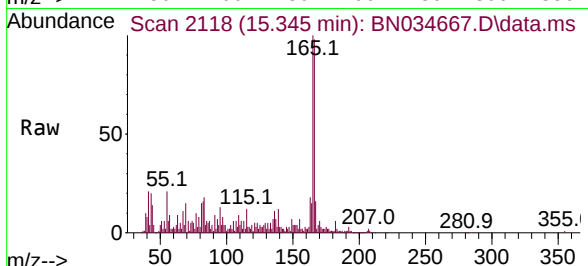
Ion	Ratio	Lower	Upper
168	100		
139	38.6	29.7	44.5





#61
 Fluorene
 Concen: 1.605 ng/ul
 RT: 15.345 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BN034667.D
 Acq: 19 Oct 2024 03:06

Instrument : BNA_N
 ClientSampleId : E27J0RX

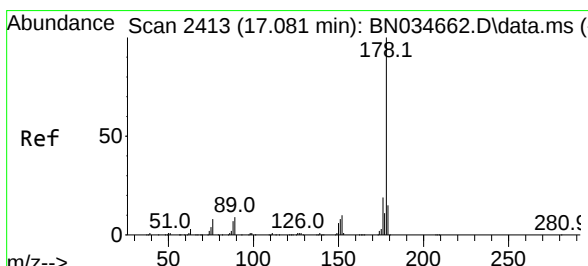
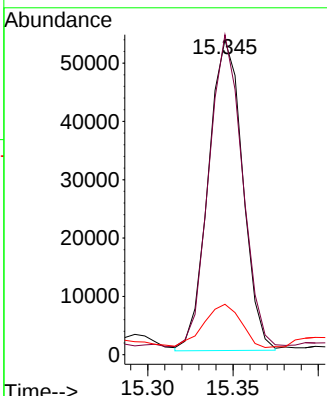
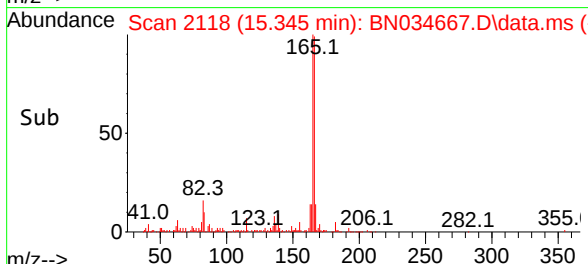


Tgt Ion:166 Resp: 74780

Ion	Ratio	Lower	Upper
166	100		
165	101.7	82.2	123.4
167	16.0	11.4	17.0

Manual Integrations
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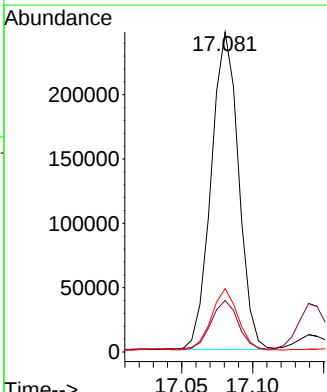
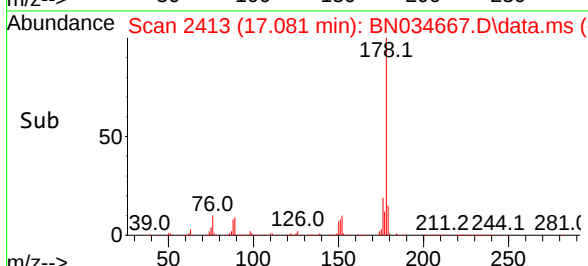
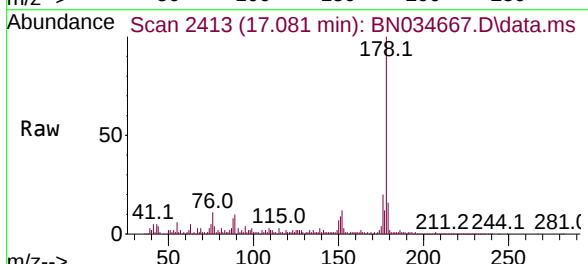
Reviewed By :Yogesh Patel 10/21/2024
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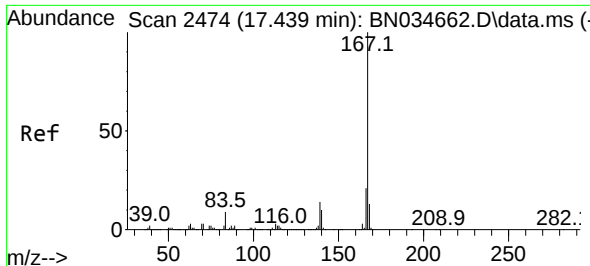


#72
 Phenanthrene
 Concen: 5.041 ng/ul
 RT: 17.081 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BN034667.D
 Acq: 19 Oct 2024 03:06

Tgt Ion:178 Resp: 330995

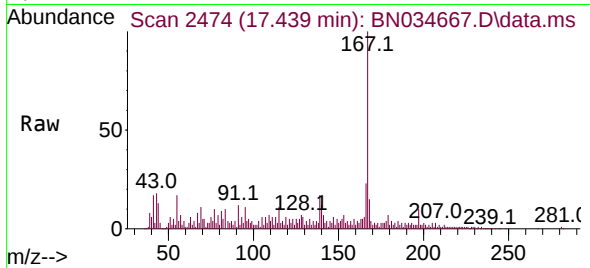
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.8	15.5	23.3





#77
 Carbazole
 Concen: 1.663 ng/ul
 RT: 17.439 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN034667.D
 Acq: 19 Oct 2024 03:06

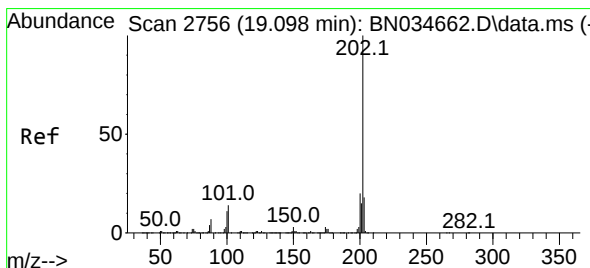
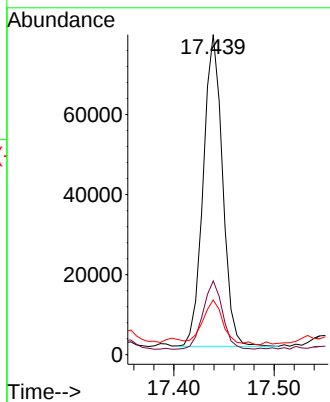
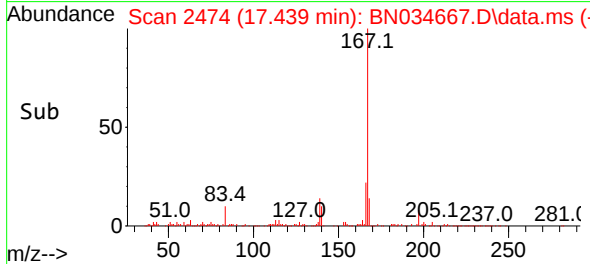
Instrument :
 BNA_N
 ClientSampleId :
 E27J0RX



Tgt Ion:167 Resp: 10445
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.2 25.8
 139 17.1 10.6 16.0

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



#80
 Fluoranthene
 Concen: 1.126 ng/ul
 RT: 19.098 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN034667.D
 Acq: 19 Oct 2024 03:06

Tgt Ion:202 Resp: 81624
 Ion Ratio Lower Upper
 202 100
 101 14.6 10.6 15.8
 100 11.1 8.2 12.2

