

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
 Data File : BN031260.D
 Acq On : 27 Apr 2024 01:44
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 27 02:49:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	91444m	20.000	ng/ul	0.12
20) Naphthalene-d8	10.428	136	1072027m	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.275	164	649051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	1218530	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	877628	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	866354	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	27908	14.259	ng/uL	0.00
4) Pyridine-d5	3.564	84	204347m	36.252	ng/ul	0.02
7) Phenol-d5	6.822	99	189218	24.529	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.057	67	747428m	166.539	ng/ul	0.09
11) 2-Chlorophenol-d4	7.187	132	592495	98.648	ng/ul	0.03
15) 4-Methylphenol-d8	8.363	113	334570	51.573	ng/ul	0.03
21) Nitrobenzene-d5	8.816	128	365959	47.512	ng/ul	0.04
24) 2-Nitrophenol-d4	9.516	143	398232	49.739	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.046	165	621370	39.354	ng/ul	0.02
31) 4-Chloroaniline-d4	10.598	131	695353	28.182	ng/ul	0.05
46) Dimethylphthalate-d6	13.692	166	2010605	44.516	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	2328648	45.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	71029	7.535	ng/ul	0.00
60) Fluorene-d10	15.269	176	1709459	43.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	272545	44.333	ng/ul	0.00
73) Anthracene-d10	17.122	188	2428318	45.977	ng/ul	0.00
81) Pyrene-d10	19.427	212	2488060	57.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1965068	47.832	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	2692	1.298	ng/uL#	62
8) Phenol	6.846	94	86292	10.850	ng/ul	96
12) 2-Chlorophenol	7.216	128	236078	37.814	ng/ul#	89
16) Acetophenone	8.493	105	26685	2.655	ng/ul	94
22) Nitrobenzene	8.857	77	21021	1.156	ng/ul	93
32) 4-Chloroaniline	10.610	127	932955m	38.915	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.445	216	136131	8.015	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	14701	1.173	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.057	216	197306	13.805	ng/uL	98

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

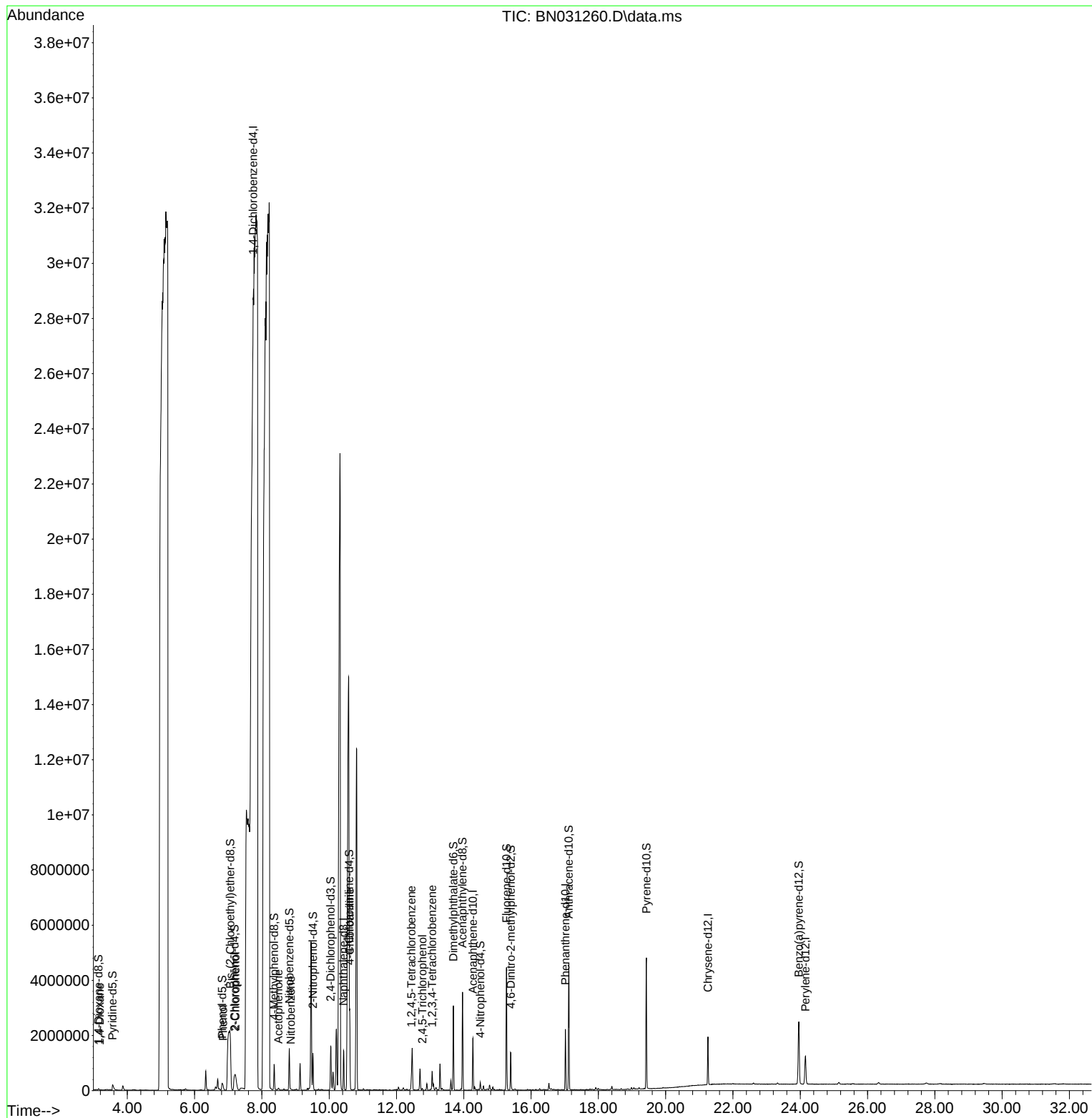
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

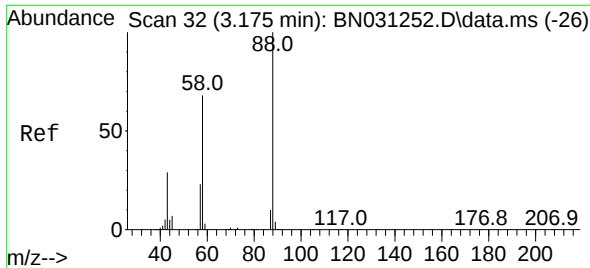
Instrument :
BNA_N
ClientSampleId :
C0RE5

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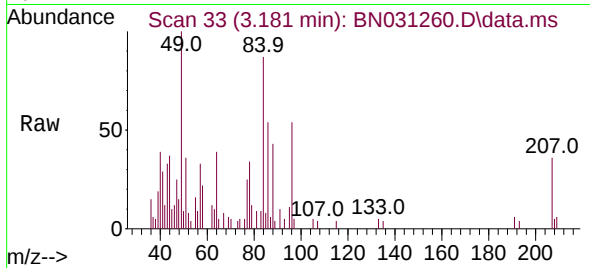
Quant Time: Apr 27 02:49:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.298 ng/uL
RT: 3.181 min Scan# 30
Delta R.T. 0.006 min
Lab File: BN031260.D
Acq: 27 Apr 2024 01:44

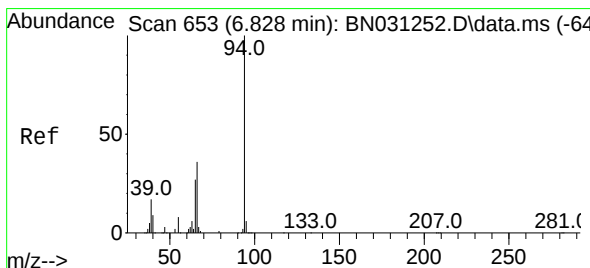
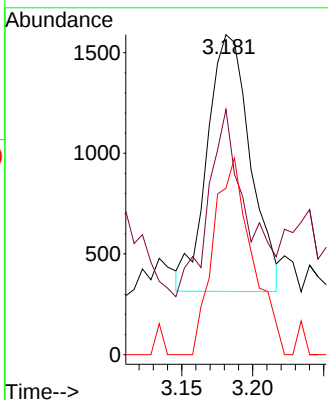
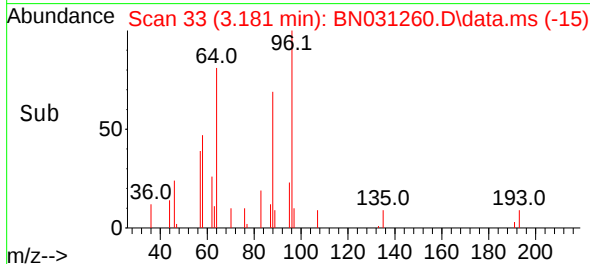
Instrument :
BNA_N
ClientSampleId :
CORE5



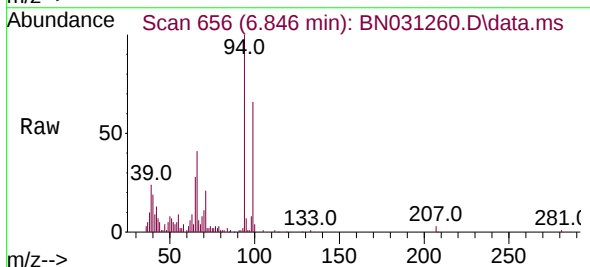
Tgt Ion: 88 Resp: 2692
Ion Ratio Lower Upper
88 100
43 76.7 22.2 33.2
58 52.0 50.2 75.2

Manual Integrations
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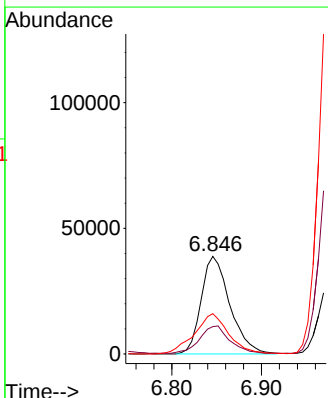
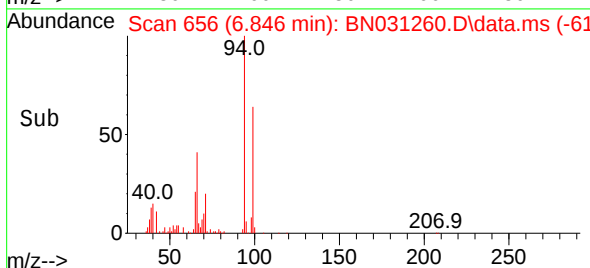
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Supervised By :mohammad ahmed 04/29/2024

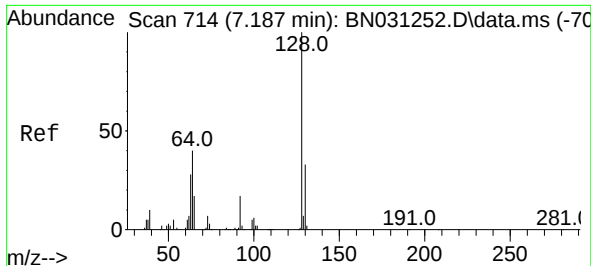


#8
Phenol
Concen: 10.850 ng/uL
RT: 6.846 min Scan# 656
Delta R.T. 0.018 min
Lab File: BN031260.D
Acq: 27 Apr 2024 01:44



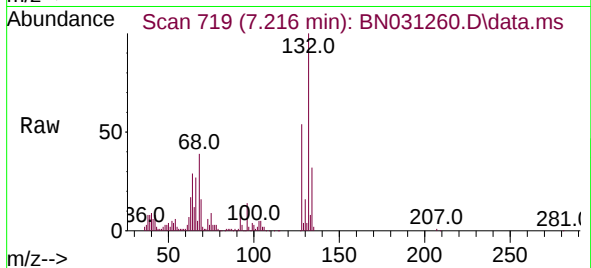
Tgt Ion: 94 Resp: 86292
Ion Ratio Lower Upper
94 100
65 28.0 22.0 33.0
66 41.2 29.8 44.6





#12
2-Chlorophenol
Concen: 37.814 ng/ul
RT: 7.216 min Scan# 714
Delta R.T. 0.029 min
Lab File: BN031260.D
Acq: 27 Apr 2024 01:44

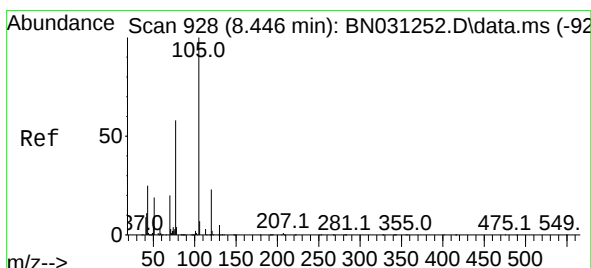
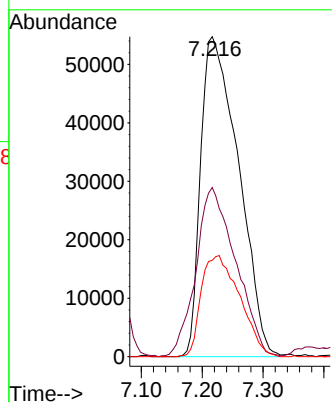
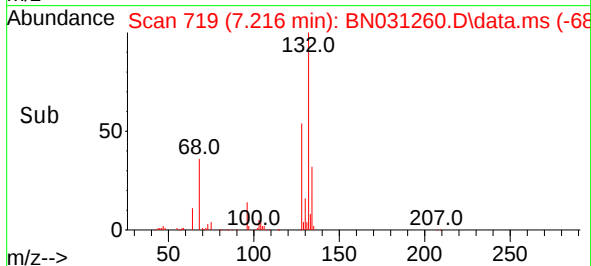
Instrument :
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ClientSampleId :
CORE5



Tgt Ion:128 Resp: 236078
Ion Ratio Lower Upper
128 100
64 52.8 34.9 52.3
130 30.1 27.0 40.4

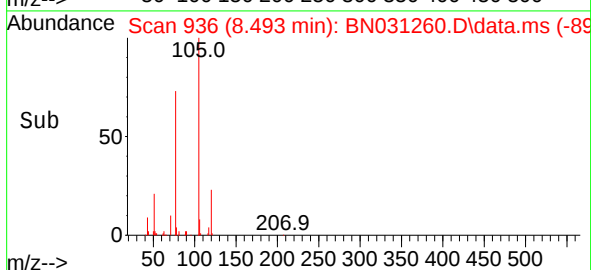
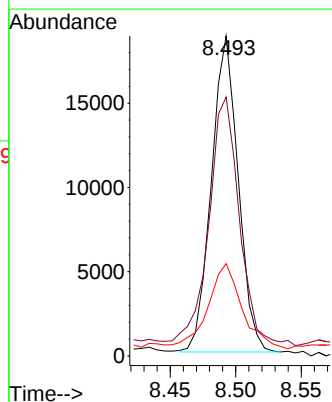
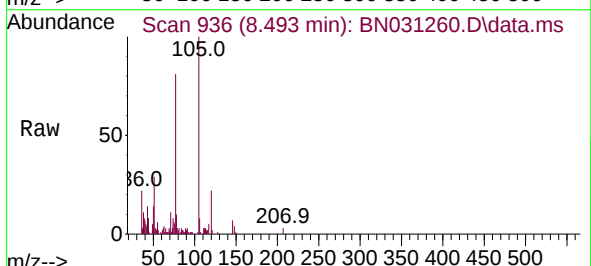
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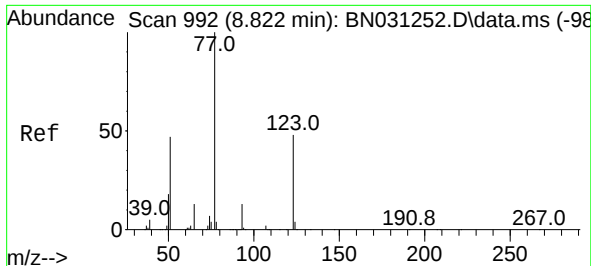
Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



#16
Acetophenone
Concen: 2.655 ng/ul
RT: 8.493 min Scan# 936
Delta R.T. 0.047 min
Lab File: BN031260.D
Acq: 27 Apr 2024 01:44

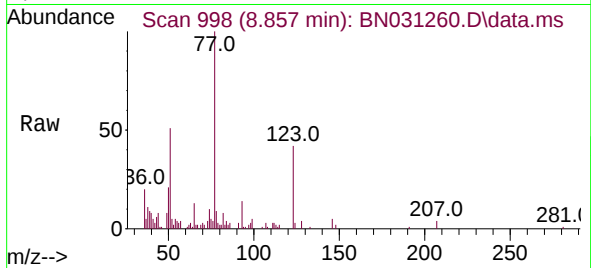
Tgt Ion:105 Resp: 26685
Ion Ratio Lower Upper
105 100
77 80.9 60.2 90.4
51 28.8 20.6 31.0





#22
Nitrobenzene
Concen: 1.156 ng/ul
RT: 8.857 min Scan# 998
Delta R.T. 0.035 min
Lab File: BN031260.D
Acq: 27 Apr 2024 01:44

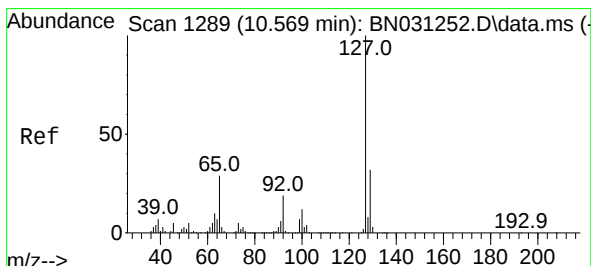
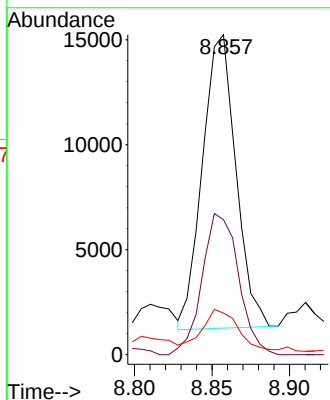
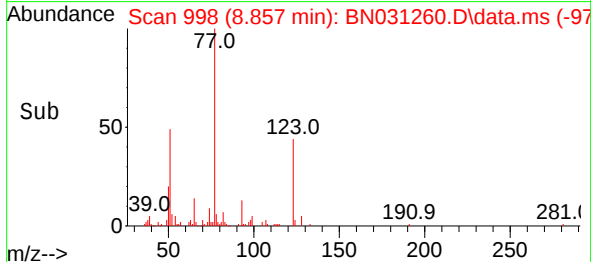
Instrument :
BNA_N
ClientSampleId :
CORE5



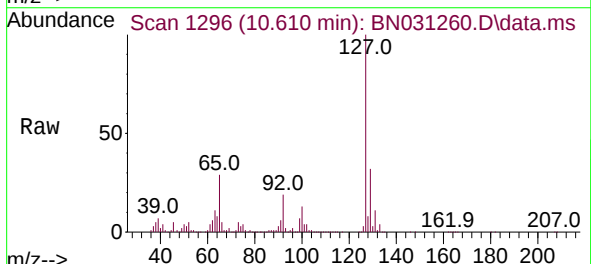
Tgt Ion: 77 Resp: 2102
Ion Ratio Lower Upper
77 100
123 42.2 38.2 57.2
65 13.0 10.7 16.1

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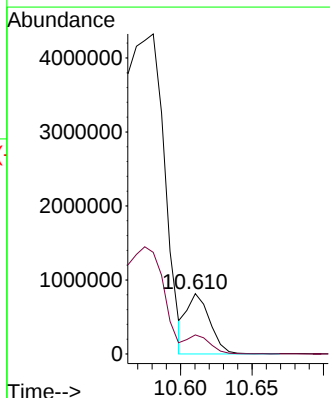
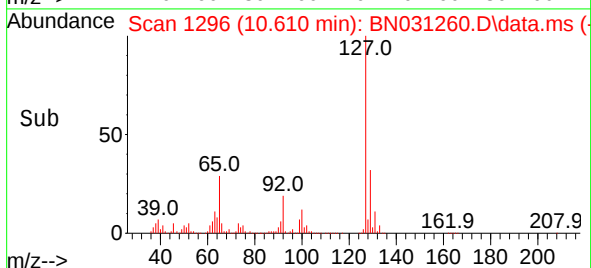
Reviewed By :Yogesh Patel 04/29/2024
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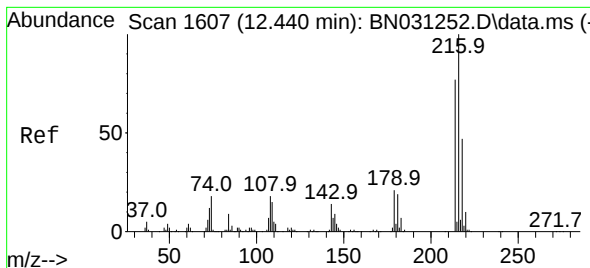


#32
4-Chloroaniline
Concen: 38.915 ng/ul m
RT: 10.610 min Scan# 1296
Delta R.T. 0.041 min
Lab File: BN031260.D
Acq: 27 Apr 2024 01:44



Tgt Ion:127 Resp: 932955
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.015 ng/ul

RT: 12.445 min Scan# 1607

Delta R.T. 0.006 min

Lab File: BN031260.D

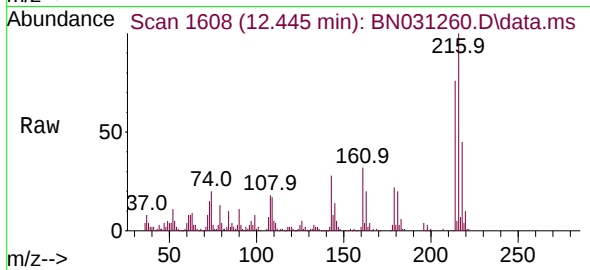
Acq: 27 Apr 2024 01:44

Instrument :

BNA_N

ClientSampleId :

CORE5



Tgt Ion:216 Resp: 13613

Ion Ratio Lower Upper

216 100

214 76.4 63.1 94.7

179 21.9 17.0 25.6

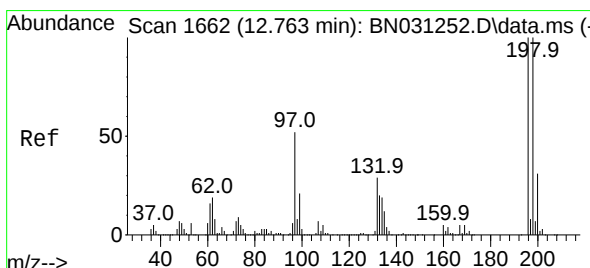
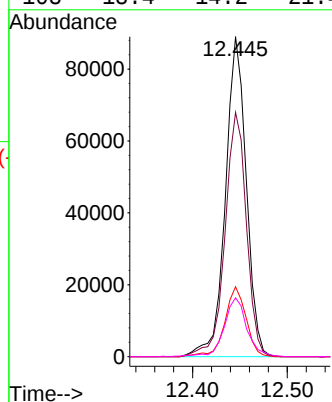
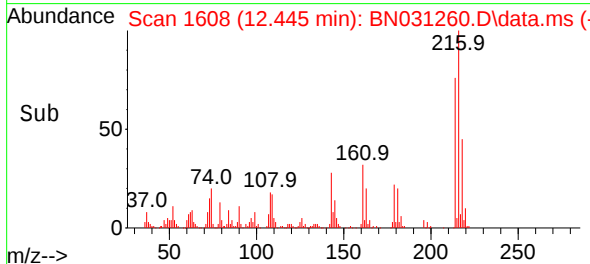
108 18.4 14.2 21.4

Manual Integrations

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#42

2,4,5-Trichlorophenol

Concen: 1.173 ng/ul

RT: 12.769 min Scan# 1663

Delta R.T. 0.006 min

Lab File: BN031260.D

Acq: 27 Apr 2024 01:44

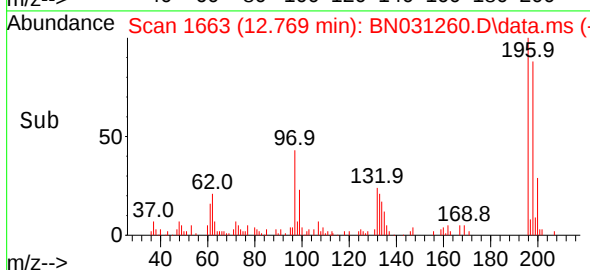
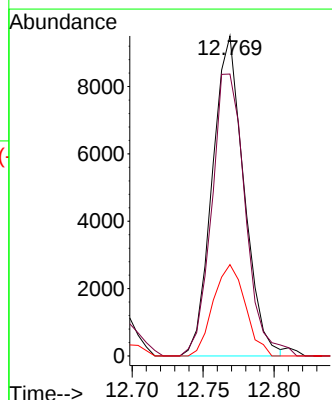
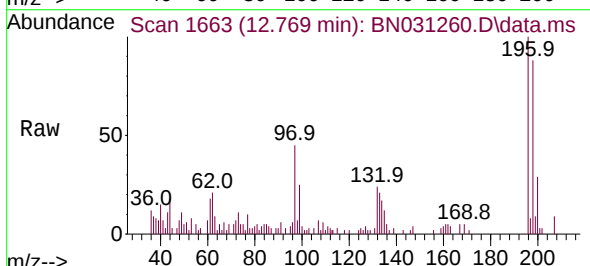
Tgt Ion:196 Resp: 14701

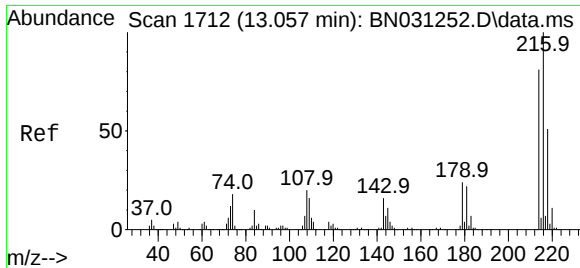
Ion Ratio Lower Upper

196 100

198 88.1 75.9 113.9

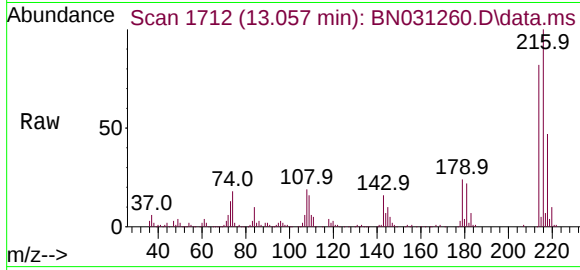
200 28.6 24.7 37.1





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 13.805 ng/uL
 RT: 13.057 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN031260.D
 Acq: 27 Apr 2024 01:44

Instrument :
 BNA_N
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Tgt Ion:216 Resp: 197300
 Ion Ratio Lower Upper
 216 100
 214 81.8 63.0 94.6
 218 47.2 38.3 57.5

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