

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031275.D
 Acq On : 27 Apr 2024 17:23
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 9 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 28 21:39:20 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	7.646	152	85106m	20.000	ng/ul	0.02
20) Naphthalene-d8	10.422	136	970247	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.269	164	635857	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	1409644	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1282284	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1237615	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	18838	10.341	ng/uL	0.00
4) Pyridine-d5	3.557	84	139044	26.504	ng/ul	0.01
7) Phenol-d5	6.810	99	139093	19.374	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	562363	134.635	ng/ul	0.06
11) 2-Chlorophenol-d4	7.175	132	436266	78.046	ng/ul	0.02
15) 4-Methylphenol-d8	8.351	113	257130	42.588	ng/ul	0.02
21) Nitrobenzene-d5	8.804	128	279486	40.092	ng/ul	0.02
24) 2-Nitrophenol-d4	9.510	143	306570	42.307	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.040	165	489686	34.268	ng/ul	0.01
31) 4-Chloroaniline-d4	10.581	131	582702	26.094	ng/ul	0.04
46) Dimethylphthalate-d6	13.686	166	1779203	40.210	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	2017659	40.240	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	70575	7.642	ng/ul	0.00
60) Fluorene-d10	15.269	176	1521057	39.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	267018	37.545	ng/ul	0.00
73) Anthracene-d10	17.116	188	2456196	40.200	ng/ul	0.00
81) Pyrene-d10	19.421	212	2851149	45.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	2458897	41.897	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.175	88	1994	1.033	ng/uL#	62
8) Phenol	6.840	94	63010	8.513	ng/ul	96
12) 2-Chlorophenol	7.210	128	172834	29.746	ng/ul	94
16) Acetophenone	8.475	105	22217	2.375	ng/ul#	95
22) Nitrobenzene	8.845	77	17462	1.061	ng/ul	89
32) 4-Chloroaniline	10.598	127	755017	34.796	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.439	216	110081	6.616	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.057	216	164749	9.964	ng/uL	98

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

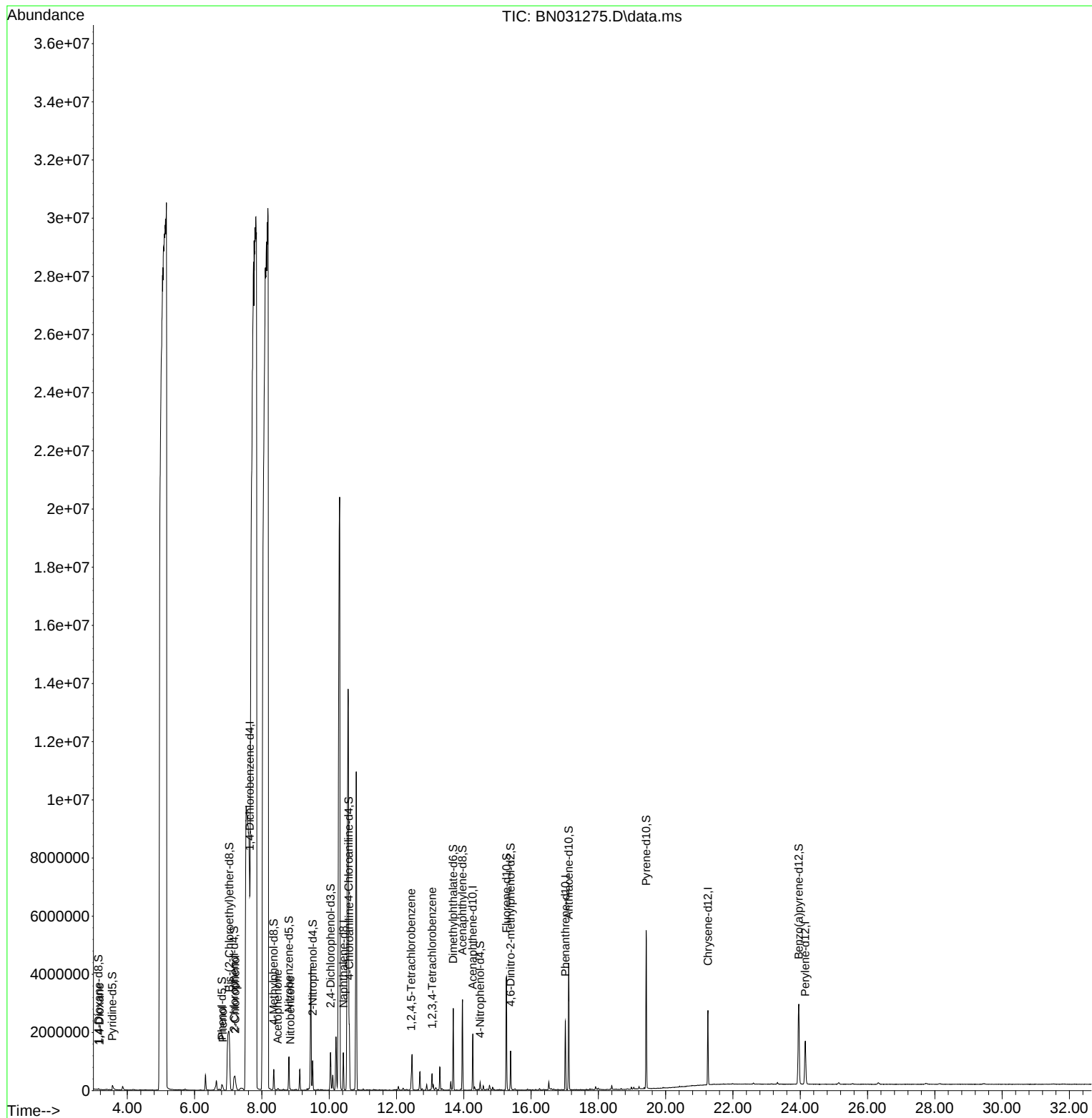
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031275.D
Acq On : 27 Apr 2024 17:23
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

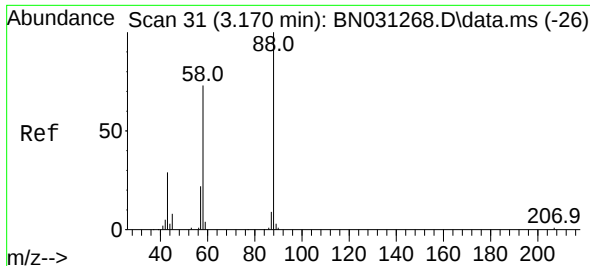
Instrument :
BNA_N
ClientSampleId :
C0RE5

Manual Integrations
APPROVED

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

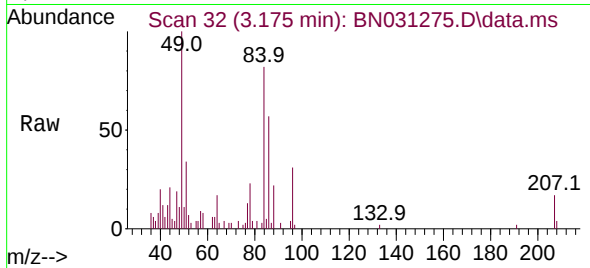
Quant Time: Apr 28 21:39:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.033 ng/uL
RT: 3.175 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

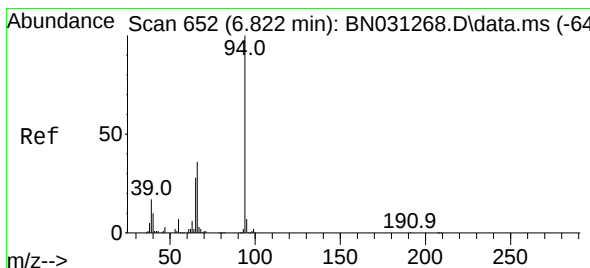
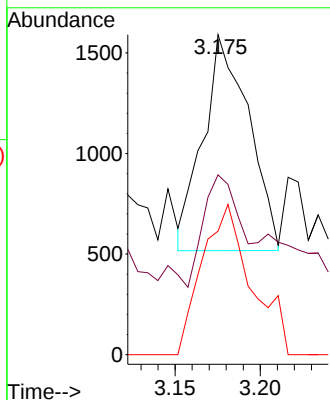
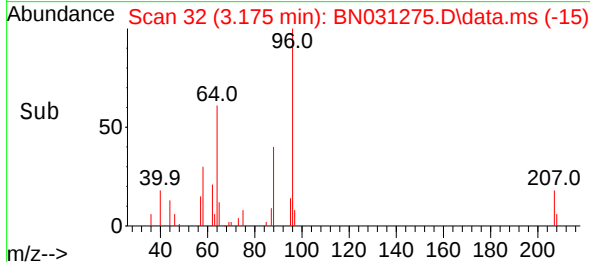
Instrument :
BNA_N
ClientSampleId :
CORE5



Tgt Ion: 88 Resp: 1994
Ion Ratio Lower Upper
88 100
43 56.2 22.2 33.2
58 38.6 50.2 75.2

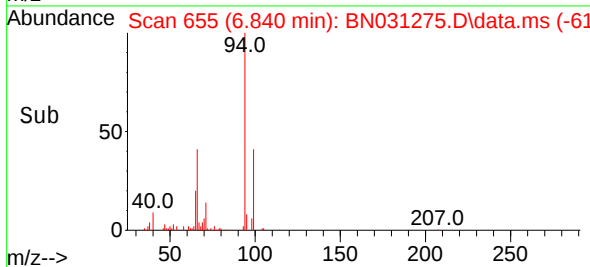
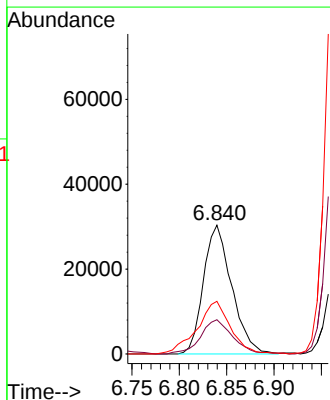
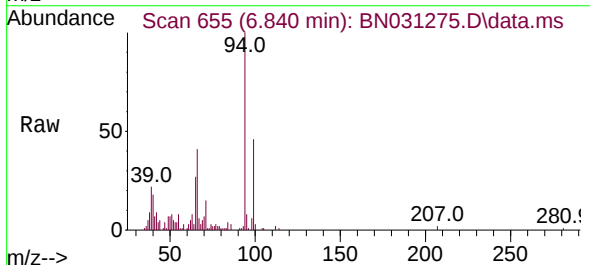
Manual Integrations
APPROVED

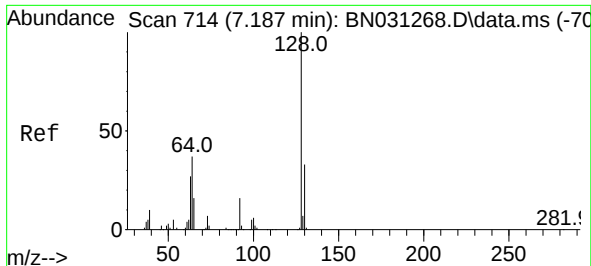
Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



#8
Phenol
Concen: 8.513 ng/uL
RT: 6.840 min Scan# 655
Delta R.T. 0.012 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

Tgt Ion: 94 Resp: 63010
Ion Ratio Lower Upper
94 100
65 26.6 22.0 33.0
66 40.9 29.8 44.6





#12

2-Chlorophenol

Concen: 29.746 ng/ul

RT: 7.210 min Scan# 714

Delta R.T. 0.023 min

Lab File: BN031275.D

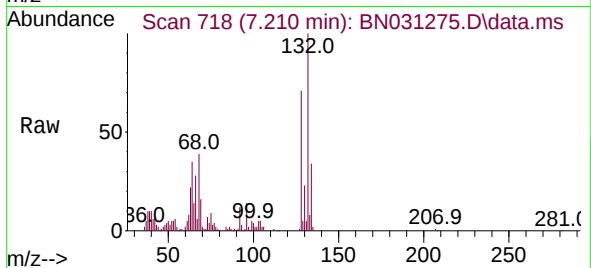
Acq: 27 Apr 2024 17:23

Instrument :

BNA_N

ClientSampleId :

CORE5



Tgt Ion:128 Resp: 172834

Ion Ratio Lower Upper

128 100

64 49.2 34.9 52.3

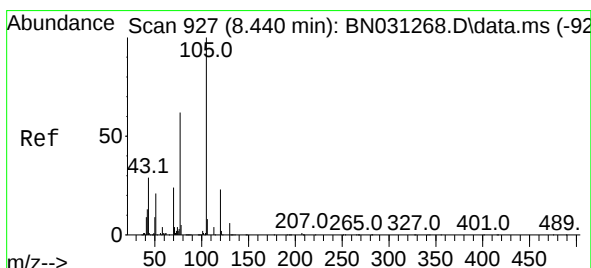
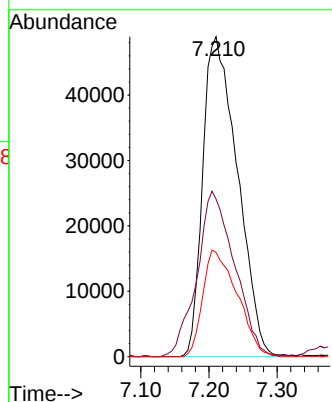
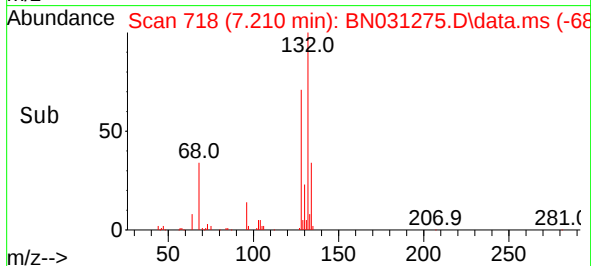
130 32.6 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#16

Acetophenone

Concen: 2.375 ng/ul

RT: 8.475 min Scan# 933

Delta R.T. 0.029 min

Lab File: BN031275.D

Acq: 27 Apr 2024 17:23

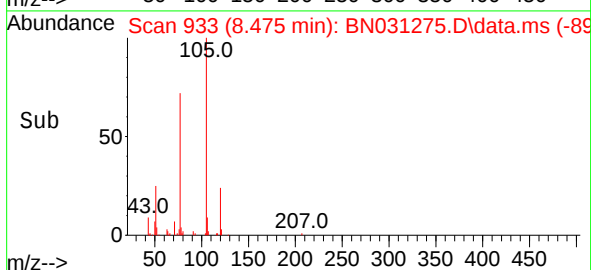
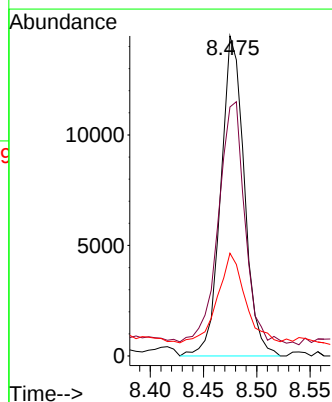
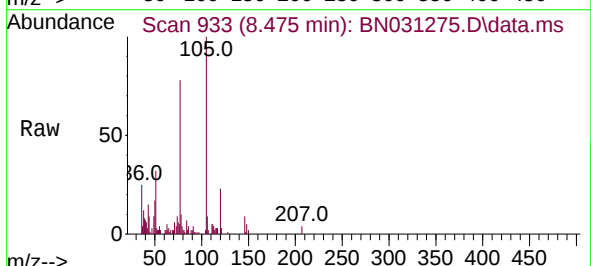
Tgt Ion:105 Resp: 22217

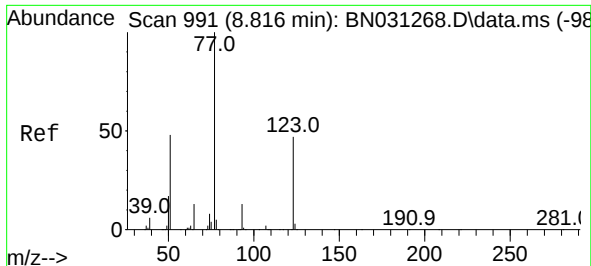
Ion Ratio Lower Upper

105 100

77 77.8 60.2 90.4

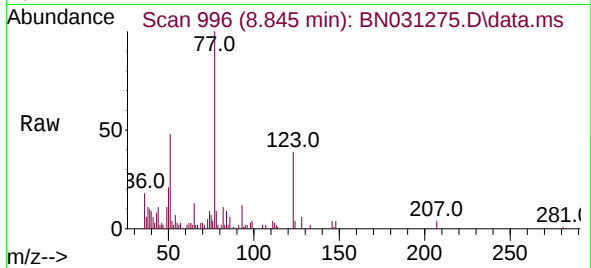
51 32.1 20.6 31.0#





#22
Nitrobenzene
Concen: 1.061 ng/ul
RT: 8.845 min Scan# 991
Delta R.T. 0.023 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

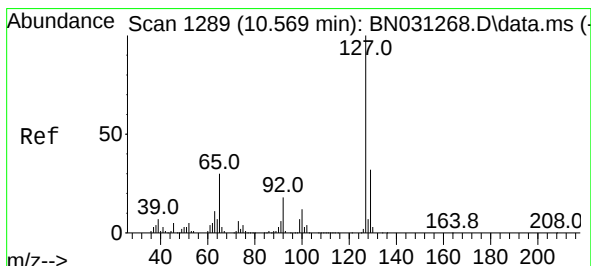
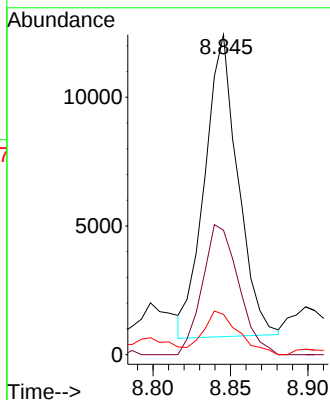
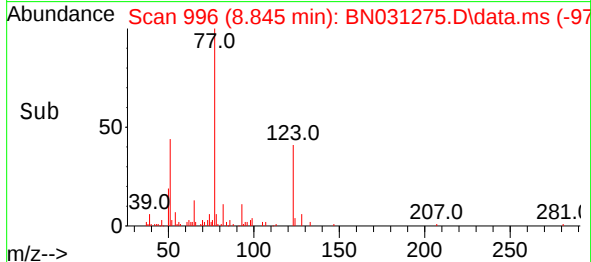
Instrument :
BNA_N
ClientSampleId :
CORE5



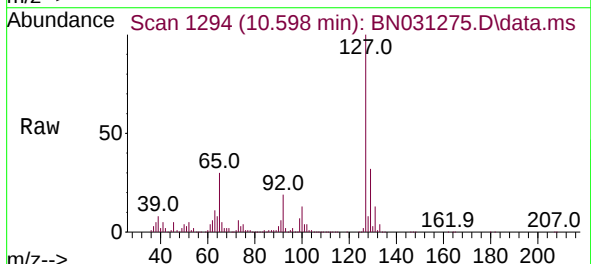
Tgt Ion: 77 Resp: 17462
Ion Ratio Lower Upper
77 100
123 38.9 38.2 57.2
65 12.6 10.7 16.1

Manual Integrations
APPROVED

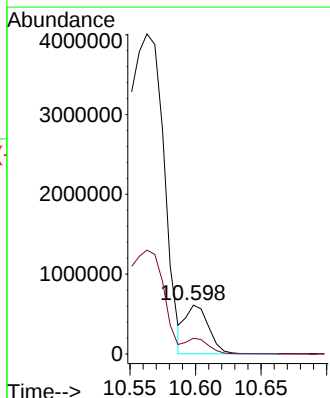
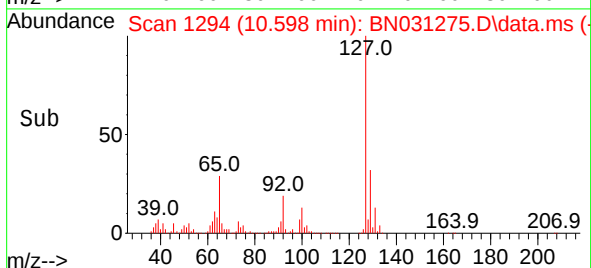
Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

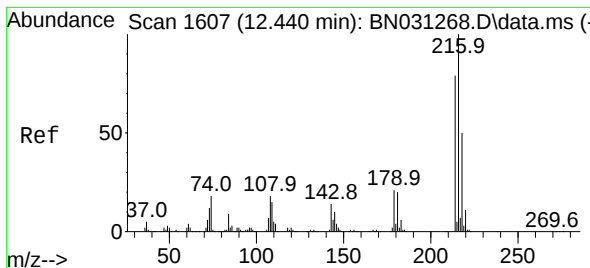


#32
4-Chloroaniline
Concen: 34.796 ng/ul
RT: 10.598 min Scan# 1294
Delta R.T. 0.029 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23



Tgt Ion:127 Resp: 755017
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.616 ng/ul

RT: 12.439 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031275.D

Acq: 27 Apr 2024 17:23

Instrument :

BNA_N

ClientSampleId :

C0RE5

Tgt Ion:216 Resp: 11008

Ion Ratio Lower Upper

216 100

214 81.8 63.1 94.7

179 22.1 17.0 25.6

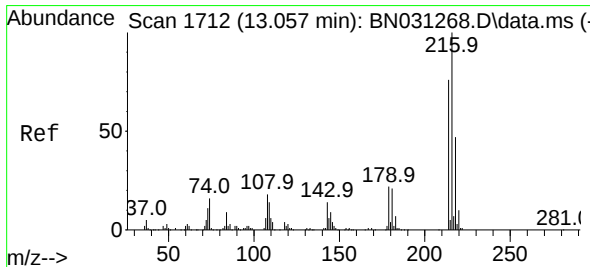
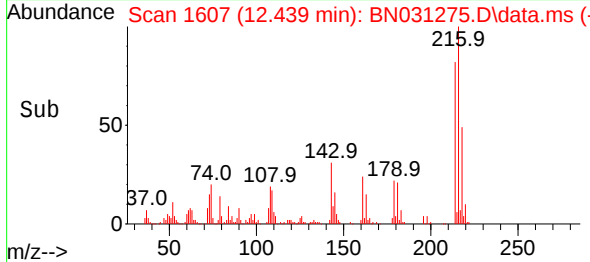
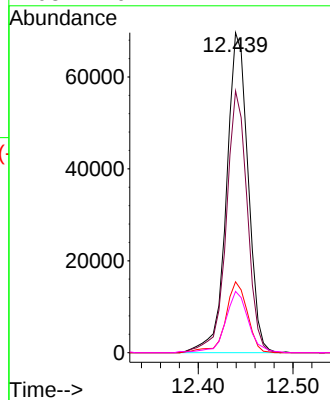
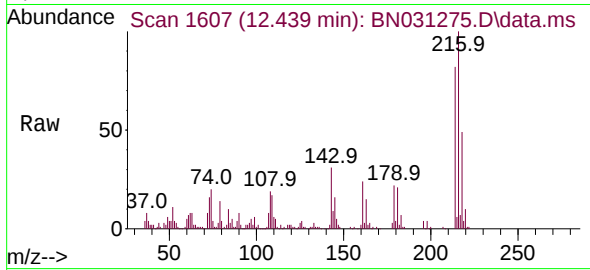
108 19.2 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024



#75

1,2,3,4-Tetrachlorobenzene

Concen: 9.964 ng/uL

RT: 13.057 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BN031275.D

Acq: 27 Apr 2024 17:23

Tgt Ion:216 Resp: 164749

Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.6

218 49.9 38.3 57.5

