

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034368.D
 Acq On : 03 Oct 2024 13:14
 Operator : RC/JU
 Sample : P4016-21DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC24DL

Manual Integrations
 APPROVED

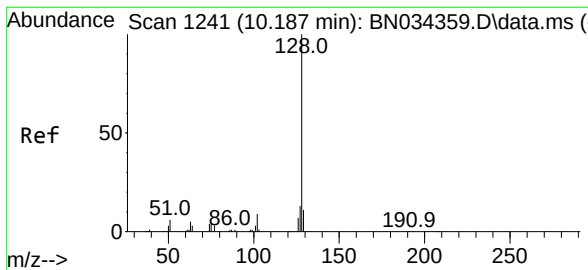
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 13:50:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

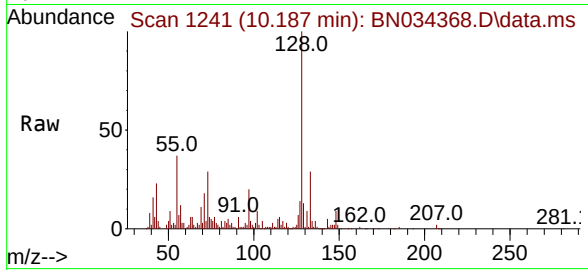
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	217344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.140	136	900127	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.034	164	574842	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1202954	20.000	ng/u1	0.00
79) Chrysene-d12	21.027	240	1242952	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1561467	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.011	96	2168m	0.407	ng/uL	0.01
4) Pyridine-d5	3.411	84	19937m	1.259	ng/u1	0.02
7) Phenol-d5	6.581	99	33625	1.743	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	24034	2.008	ng/u1	0.00
11) 2-Chlorophenol-d4	6.922	132	28308	1.864	ng/u1	0.00
15) 4-Methylphenol-d8	8.099	113	24131	1.520	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	12826	1.788	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	11401	1.545	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	23648	1.702	ng/u1	0.00
31) 4-Chloroaniline-d4	10.293	131	18889	0.898	ng/u1	0.00
46) Dimethylphthalate-d6	13.457	166	79846	1.859	ng/u1	-0.01
49) Acenaphthylene-d8	13.722	160	92027	1.904	ng/u1	0.00
54) 4-Nitrophenol-d4	14.275	143	6633	0.752	ng/u1	0.00
60) Fluorene-d10	15.040	176	74061	2.034	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	7764m	1.082	ng/u1	0.00
73) Anthracene-d10	16.892	188	114617	2.027	ng/u1	0.00
81) Pyrene-d10	19.204	212	134042	1.936	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	145962	1.820	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.187	128	104523	2.123	ng/u1	97
36) 2-Methylnaphthalene	11.810	142	203728	6.007	ng/u1	97
37) 1-Methylnaphthalene	12.034	142	117599	3.426	ng/u1	95
42) 2,4,5-Trichlorophenol	12.516	196	13218	1.094	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	14.675	232	135475	13.510	ng/u1#	93
71) Pentachlorophenol	16.457	266	1910739	202.344	ng/u1	97
72) Phenanthrene	16.839	178	73997	1.116	ng/u1#	93

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



#30
Naphthalene
Concen: 2.123 ng/ul
RT: 10.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN034368.D
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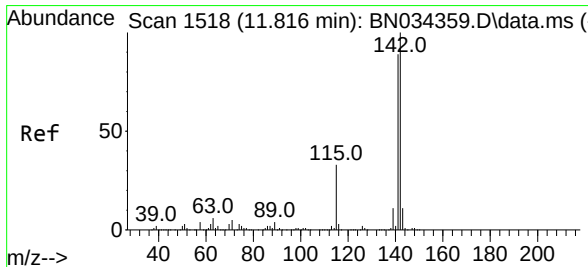
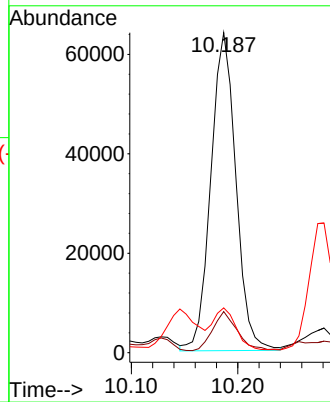
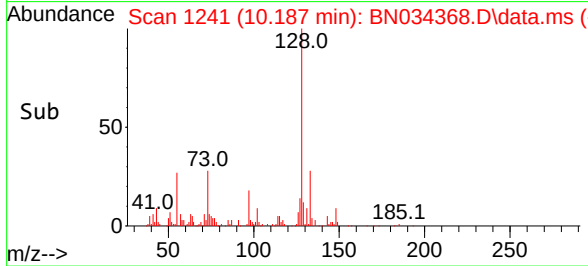
Instrument :
BNA_N
ClientSampleId :
DDC24DL



Tgt Ion:128 Resp: 104523
Ion Ratio Lower Upper
128 100
129 12.9 8.7 13.1
127 14.0 10.6 16.0

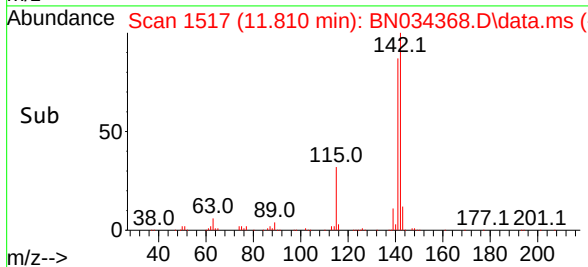
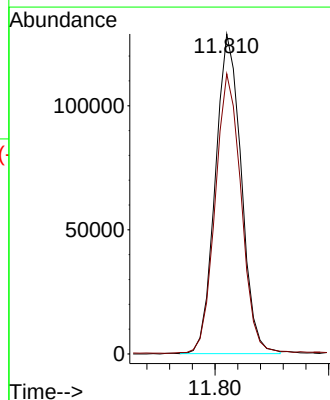
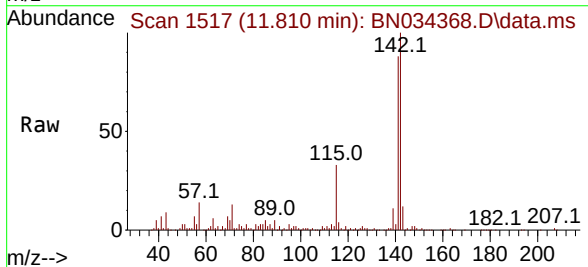
Manual Integrations
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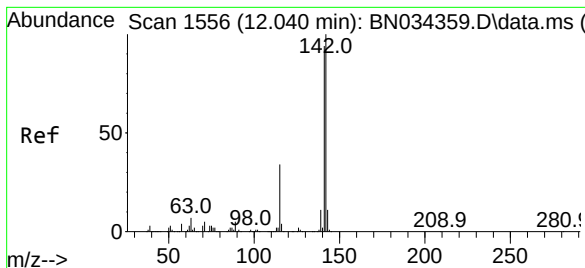
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 6.007 ng/ul
RT: 11.810 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BN034368.D
Acq: 03 Oct 2024 13:14

Tgt Ion:142 Resp: 203728
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.2





#37

1-Methylnaphthalene

Concen: 3.426 ng/ul

RT: 12.034 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BN034368.D

Acq: 03 Oct 2024 13:14

Instrument :

BNA_N

ClientSampleId :

DDC24DL

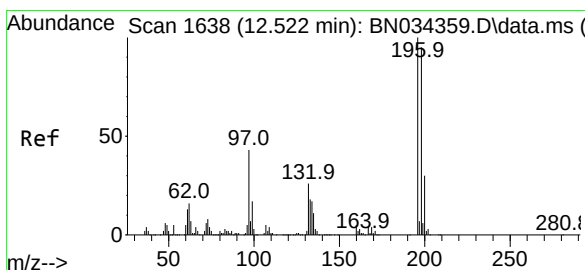
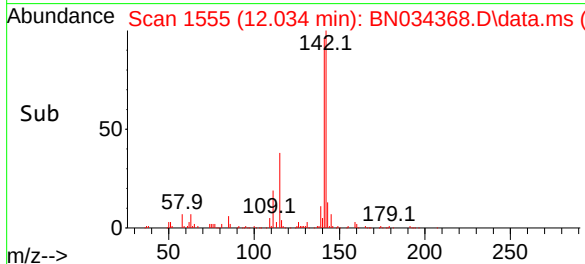
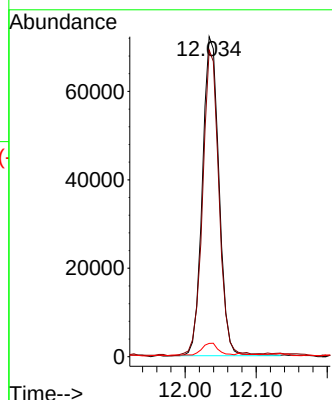
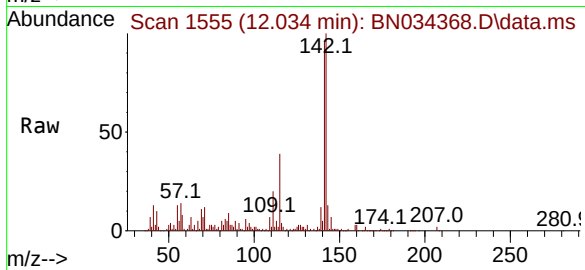
Tgt Ion:142 Resp: 117598
 Ion Ratio Lower Upper
 142 100
 141 95.8 72.5 108.7
 116 4.1 3.2 4.8

Manual Integrations

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#42

2,4,5-Trichlorophenol

Concen: 1.094 ng/ul

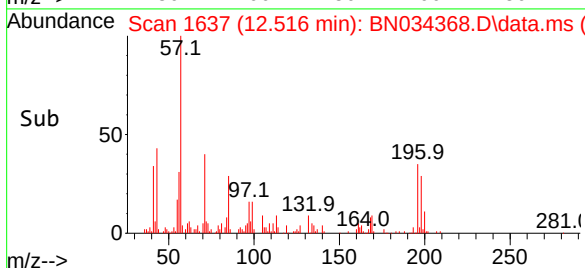
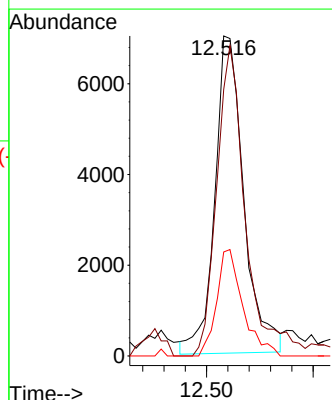
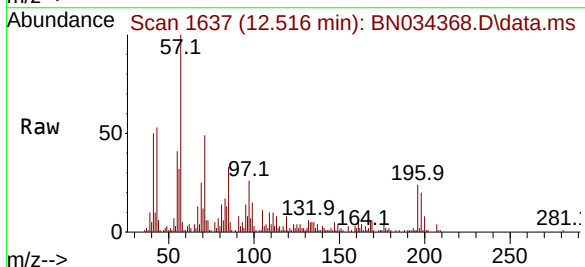
RT: 12.516 min Scan# 1637

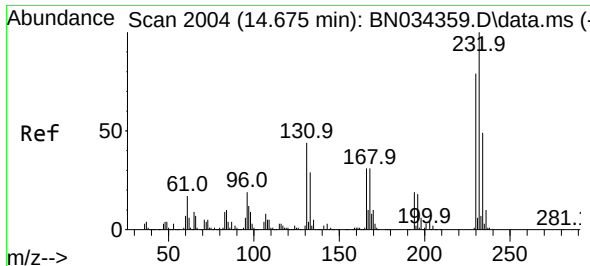
Delta R.T. -0.006 min

Lab File: BN034368.D

Acq: 03 Oct 2024 13:14

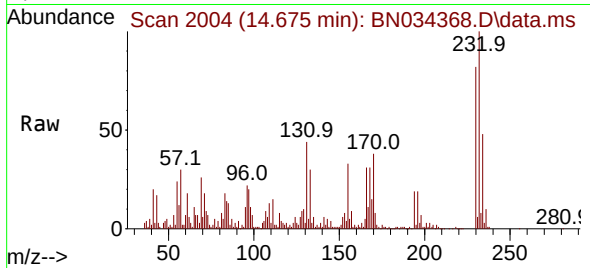
Tgt Ion:196 Resp: 13218
 Ion Ratio Lower Upper
 196 100
 198 83.3 77.1 115.7
 200 32.5 25.2 37.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 13.510 ng/ul
RT: 14.675 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BN034368.D
Acq: 03 Oct 2024 13:14

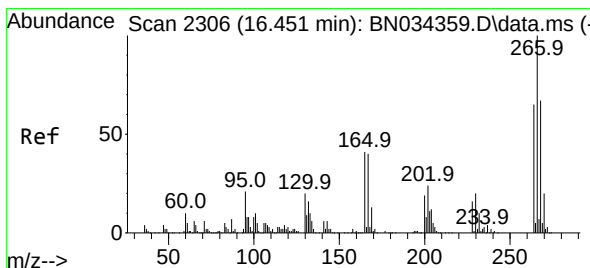
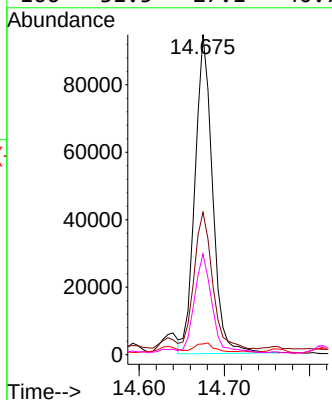
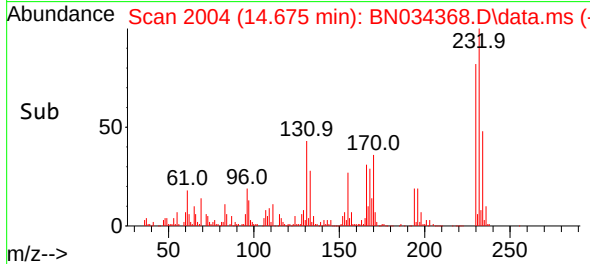
Instrument :
BNA_N
ClientSampleId :
DDC24DL



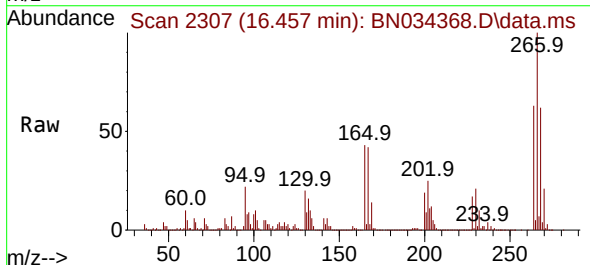
Tgt Ion:232 Resp: 135479
Ion Ratio Lower Upper
232 100
131 44.5 41.0 61.6
130 3.4 2.2 3.2
166 31.5 27.1 40.7

Manual Integrations
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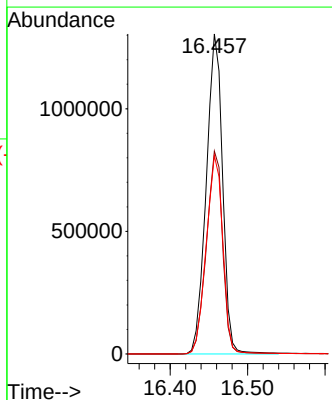
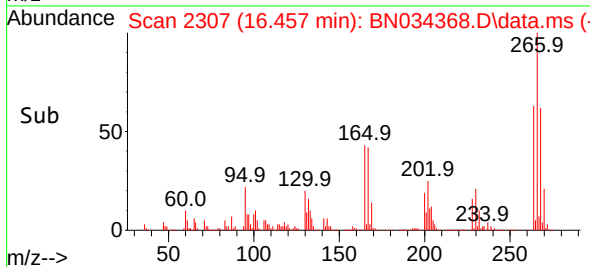
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

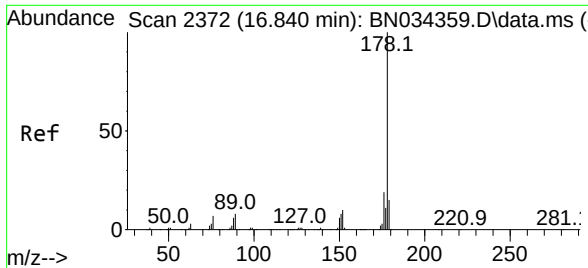


#71
Pentachlorophenol
Concen: 202.344 ng/ul
RT: 16.457 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BN034368.D
Acq: 03 Oct 2024 13:14



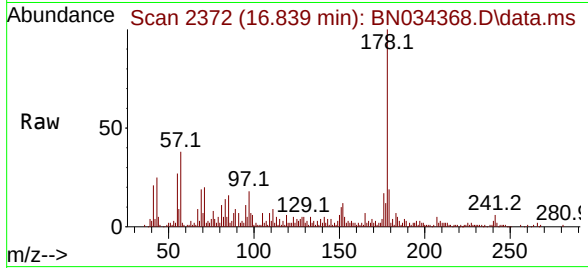
Tgt Ion:266 Resp: 1910739
Ion Ratio Lower Upper
266 100
264 63.4 51.1 76.7
268 62.0 52.8 79.2





#72
 Phenanthrene
 Concen: 1.116 ng/ul
 RT: 16.839 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN034368.D
 Acq: 03 Oct 2024 13:14

Instrument :
 BNA_N
 ClientSampleId :
 DDC24DL



Tgt Ion:178 Resp: 7399

Ion	Ratio	Lower	Upper
178	100		
179	18.8	11.9	17.9
176	16.7	15.2	22.8

Manual Integrations
 APPROVED

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