

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033866.D
 Acq On : 11 Sep 2024 18:14
 Operator : JU/RC
 Sample : P3878-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCC0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 03:05:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	262803	20.000	ng/ul	0.00
20) Naphthalene-d8	10.257	136	1140344	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.139	164	743115	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1597478	20.000	ng/ul	0.01
79) Chrysene-d12	21.139	240	1641182	20.000	ng/ul	0.01
88) Perylene-d12	23.933	264	1750967	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	16165	2.510	ng/uL	0.00
4) Pyridine-d5	3.505	84	292946	15.303	ng/ul	0.00
7) Phenol-d5	6.693	99	389295	16.691	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	233229	16.117	ng/ul	0.00
11) 2-Chlorophenol-d4	7.040	132	325589	17.734	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	333654	17.386	ng/ul	0.00
21) Nitrobenzene-d5	8.640	128	160594	17.669	ng/ul	0.00
24) 2-Nitrophenol-d4	9.351	143	174831	18.705	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	318846	18.114	ng/ul	0.00
31) 4-Chloroaniline-d4	10.404	131	367619	13.795	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	1015774	18.291	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1212831	19.413	ng/ul	0.00
54) 4-Nitrophenol-d4	14.363	143	178761	15.684	ng/ul	0.00
60) Fluorene-d10	15.145	176	917207	19.487	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	41947	4.404	ng/ul	0.00
73) Anthracene-d10	17.004	188	1513778	20.156	ng/ul	0.01
81) Pyrene-d10	19.310	212	1749553	19.133	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.739	264	1852457	20.596	ng/ul	0.02
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	11.928	142	80372	1.871	ng/ul	96
37) 1-Methylnaphthalene	12.151	142	62541	1.438	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.557	196	289043	20.323	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.787	232	1687356	130.164	ng/ul	95
69) Hexachlorobenzene	16.216	284	97030	5.153	ng/ul	96
71) Pentachlorophenol	16.610	266	22904034m	1826.477	ng/ul	
72) Phenanthrene	16.951	178	105619	1.199	ng/ul#	79
86) Bis(2-ethylhexyl)phtha...	21.074	149	128561	1.704	ng/ul#	84

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

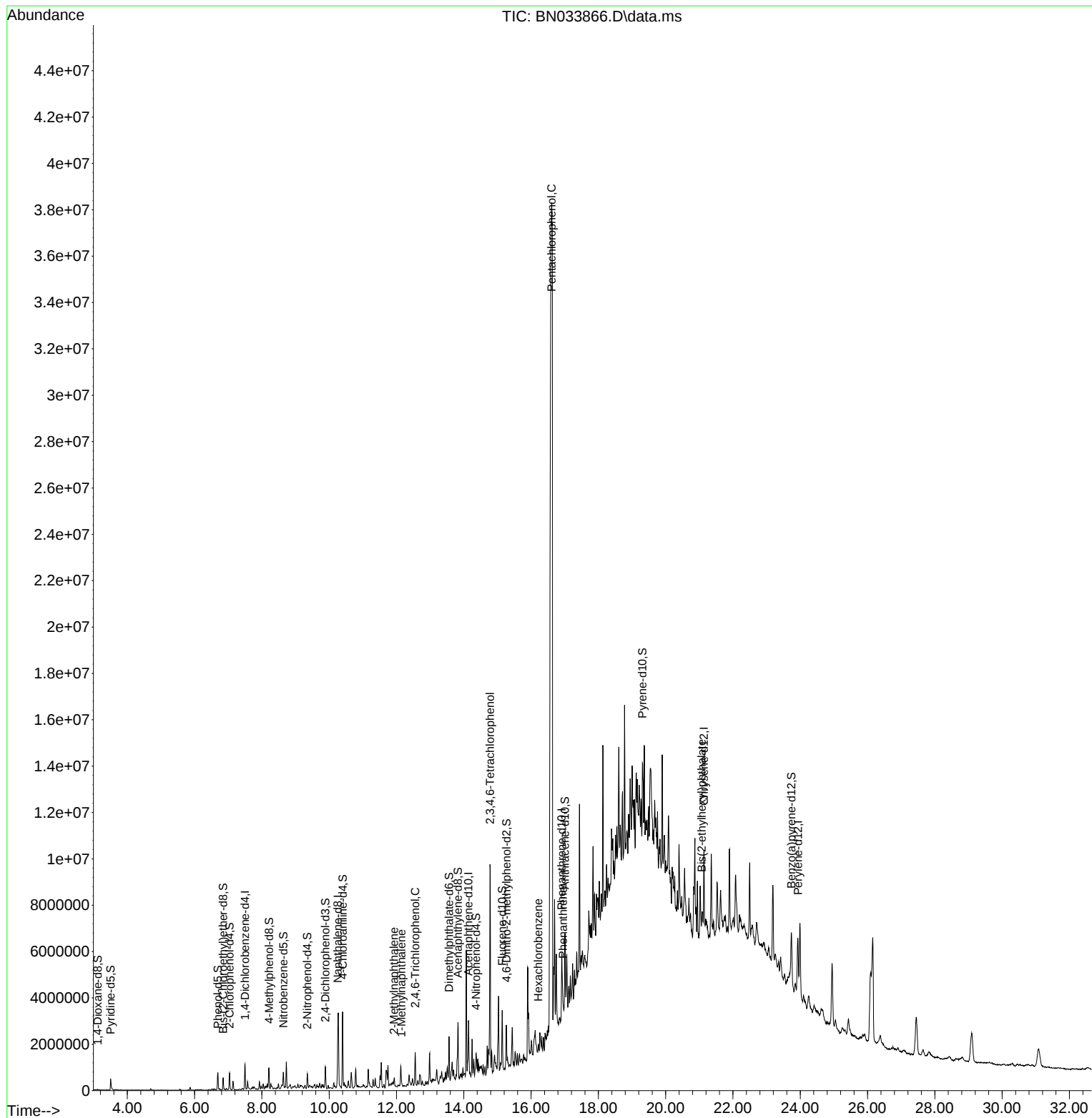
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
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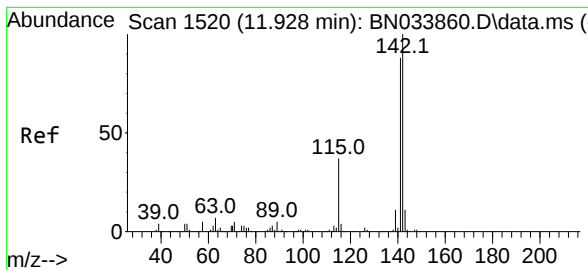
Instrument :
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ClientSampleId :
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Quant Time: Sep 12 03:05:47 2024
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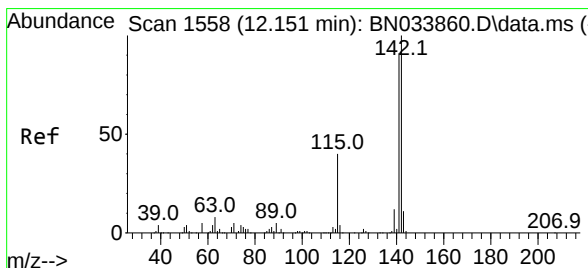
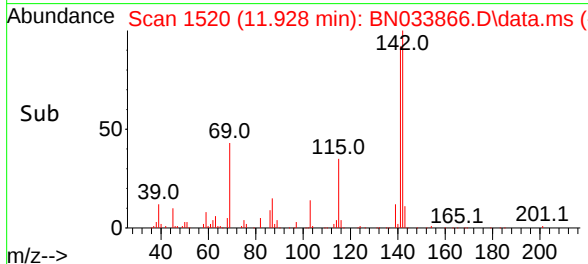
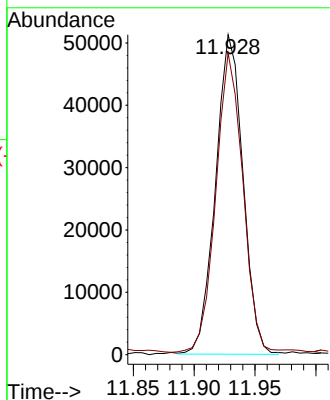
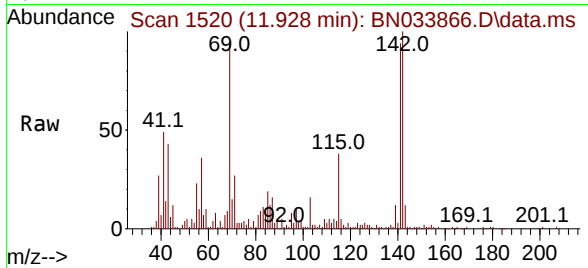
#36
2-Methylnaphthalene
Concen: 1.871 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BN033866.D
Acq: 11 Sep 2024 18:14

Instrument :
BNA_N
ClientSampleId :
DDCC0

Tgt Ion:142 Resp: 80372
Ion Ratio Lower Upper
142 100
141 94.2 72.2 108.2

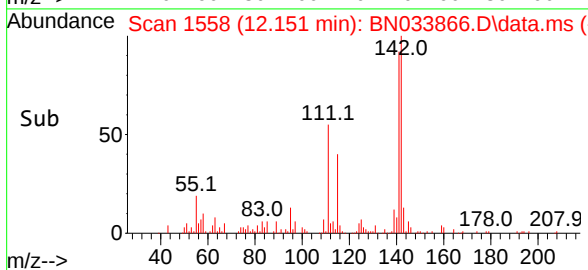
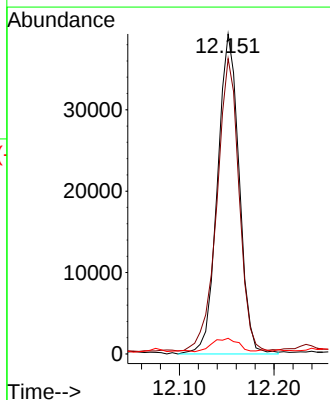
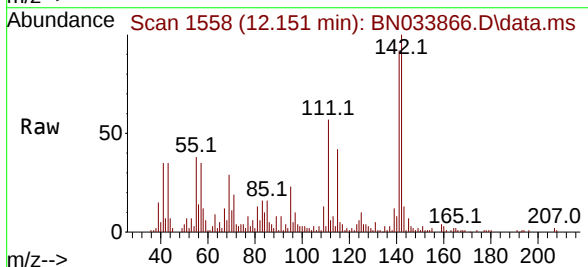
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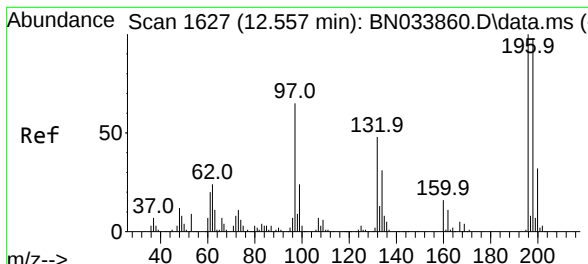
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#37
1-Methylnaphthalene
Concen: 1.438 ng/ul
RT: 12.151 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BN033866.D
Acq: 11 Sep 2024 18:14

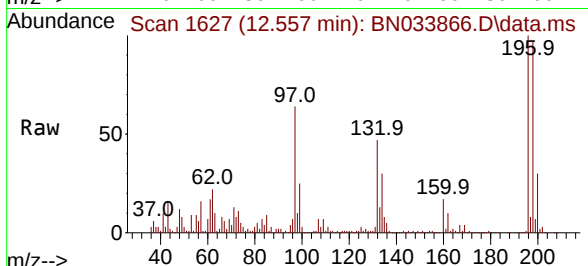
Tgt Ion:142 Resp: 62541
Ion Ratio Lower Upper
142 100
141 92.3 72.5 108.7
116 4.9 3.2 4.8#





#41
2,4,6-Trichlorophenol
Concen: 20.323 ng/ul
RT: 12.557 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BN033866.D
Acq: 11 Sep 2024 18:14

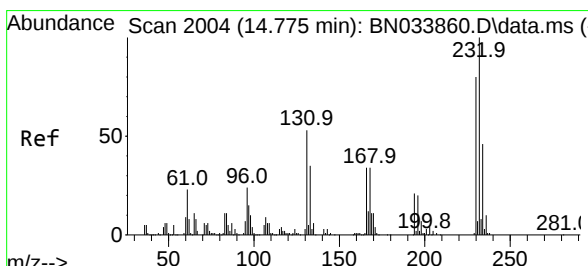
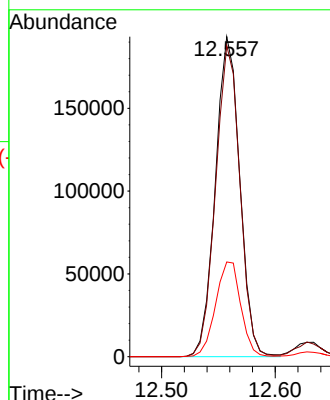
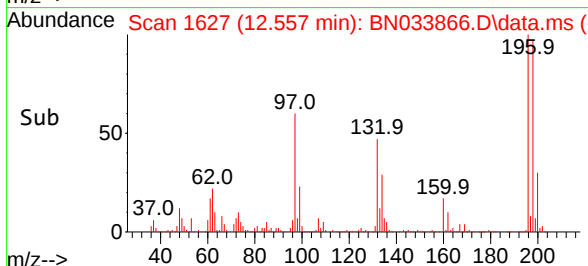
Instrument :
BNA_N
ClientSampleId :
DDCC0



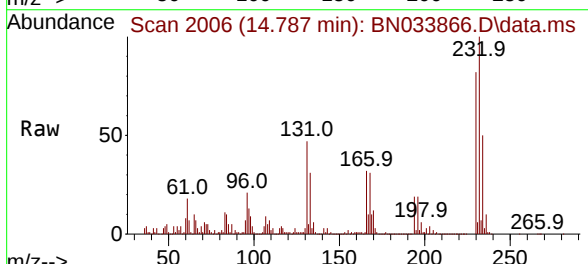
Tgt Ion:196 Resp: 28904
Ion Ratio Lower Upper
196 100
198 97.2 75.0 112.4
200 29.6 24.7 37.1

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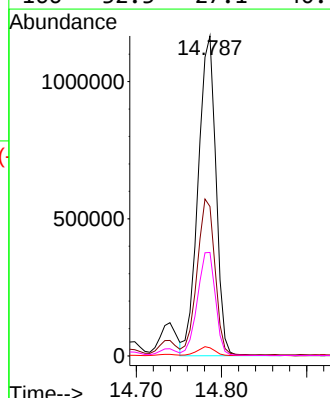
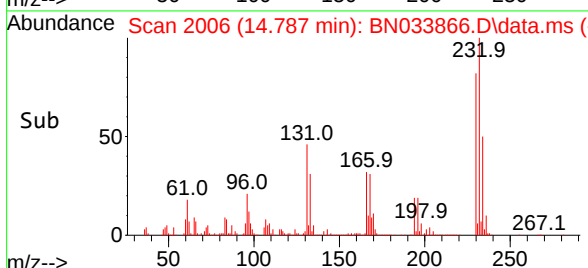
Reviewed By :Jagrut Upadhyay 09/12/2024
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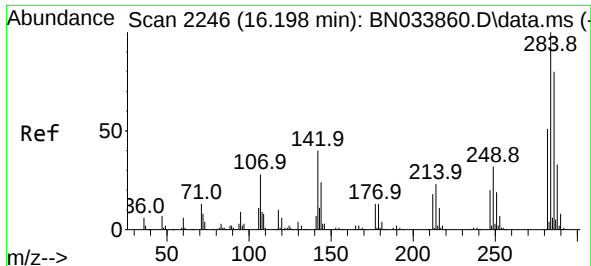


#58
2,3,4,6-Tetrachlorophenol
Concen: 130.164 ng/ul
RT: 14.787 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BN033866.D
Acq: 11 Sep 2024 18:14



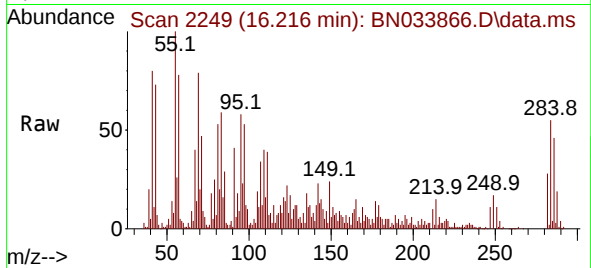
Tgt Ion:232 Resp: 1687356
Ion Ratio Lower Upper
232 100
131 46.7 41.0 61.6
130 2.6 2.2 3.2
166 32.3 27.1 40.7





#69
Hexachlorobenzene
Concen: 5.153 ng/ul
RT: 16.216 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN033866.D
Acq: 11 Sep 2024 18:14

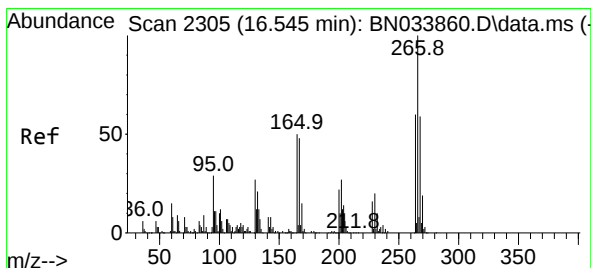
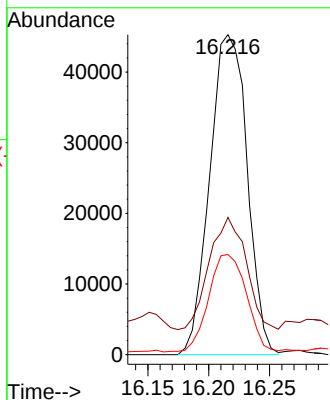
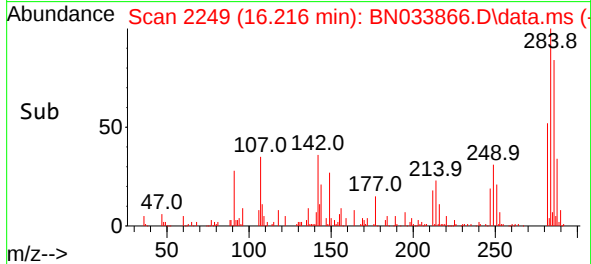
Instrument :
BNA_N
ClientSampleId :
DDCC0



Tgt Ion:284 Resp: 97030
Ion Ratio Lower Upper
284 100
142 42.9 31.3 46.9
249 31.3 25.1 37.7

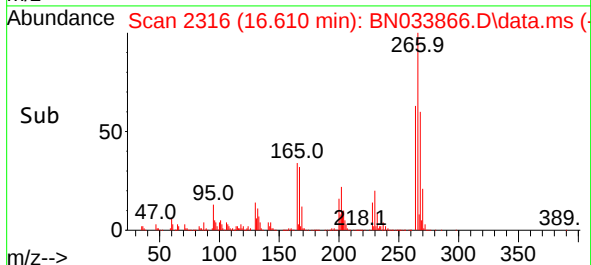
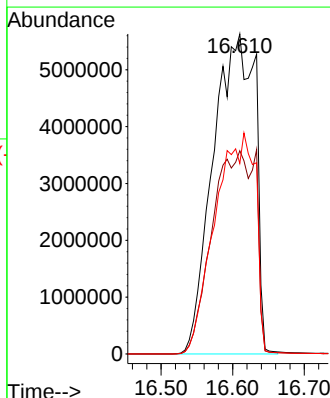
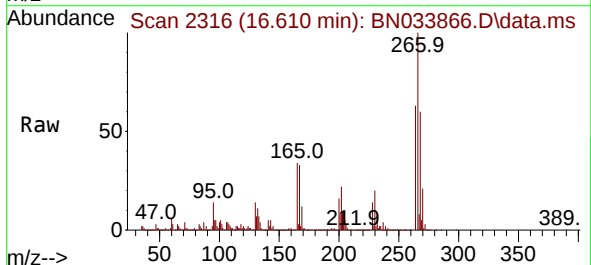
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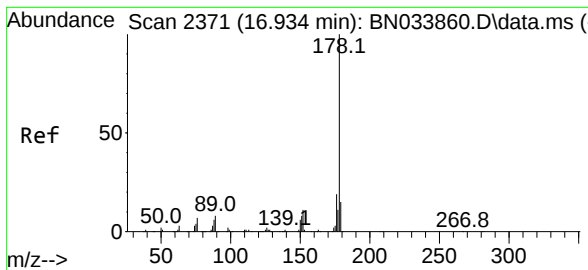
Reviewed By :Jagrut Upadhyay 09/12/2024
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#71
Pentachlorophenol
Concen: 1826.477 ng/ul m
RT: 16.610 min Scan# 2316
Delta R.T. 0.059 min
Lab File: BN033866.D
Acq: 11 Sep 2024 18:14

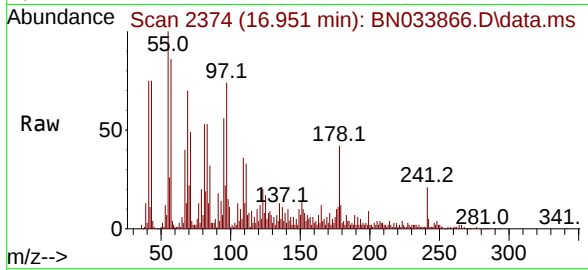
Tgt Ion:266 Resp:22904034
Ion Ratio Lower Upper
266 100
264 63.5 51.1 76.7
268 59.6 52.8 79.2





#72
 Phenanthrene
 Concen: 1.199 ng/ul
 RT: 16.951 min Scan# 2374
 Delta R.T. 0.012 min
 Lab File: BN033866.D
 Acq: 11 Sep 2024 18:14

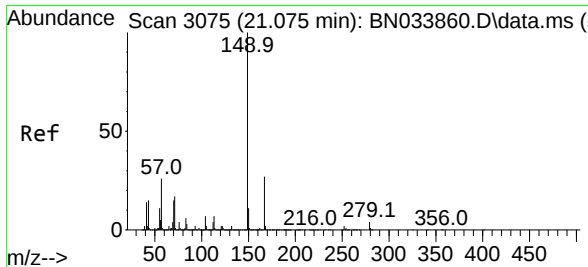
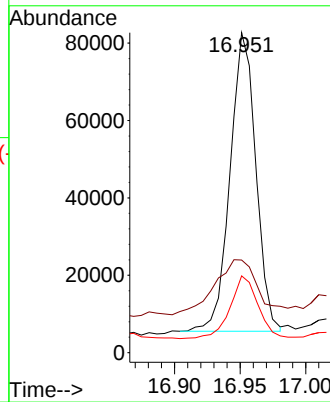
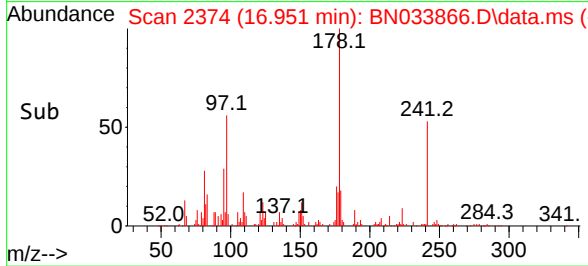
Instrument :
 BNA_N
 ClientSampleId :
 DDCC0



Tgt Ion:178 Resp: 105619
 Ion Ratio Lower Upper
 178 100
 179 28.9 11.9 17.9#
 176 24.0 15.2 22.8#

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#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.704 ng/ul
 RT: 21.074 min Scan# 3075
 Delta R.T. 0.006 min
 Lab File: BN033866.D
 Acq: 11 Sep 2024 18:14

Tgt Ion:149 Resp: 128561
 Ion Ratio Lower Upper
 149 100
 167 34.4 20.6 31.0#
 279 6.5 3.0 4.6#

