

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034307.D
 Acq On : 01 Oct 2024 17:51
 Operator : RC/JU
 Sample : P4019-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCE6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 00:07:09 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	7.393	152	246109	20.000	ng/u1	0.00
20) Naphthalene-d8	10.146	136	952386	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.039	164	619147	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.810	188	1231994	20.000	ng/u1	0.01
79) Chrysene-d12	21.033	240	1182192	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1410481	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	21311	3.533	ng/uL	0.00
4) Pyridine-d5	3.393	84	241796	13.488	ng/u1	0.00
7) Phenol-d5	6.593	99	401172	18.367	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.746	67	258645	19.085	ng/u1	0.00
11) 2-Chlorophenol-d4	6.934	132	345943	20.121	ng/u1	0.00
15) 4-Methylphenol-d8	8.110	113	308008	17.138	ng/u1	0.00
21) Nitrobenzene-d5	8.534	128	161107	21.223	ng/u1	0.00
24) 2-Nitrophenol-d4	9.246	143	175872	22.530	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	314347	21.383	ng/u1	0.01
31) 4-Chloroaniline-d4	10.298	131	144450	6.490	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	909901	19.665	ng/u1	0.00
49) Acenaphthylene-d8	13.728	160	1068263	20.522	ng/u1	0.00
54) 4-Nitrophenol-d4	14.281	143	141354	14.886	ng/u1	0.00
60) Fluorene-d10	15.045	176	806807	20.574	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	131642	17.921	ng/u1	0.00
73) Anthracene-d10	16.904	188	1177958	20.337	ng/u1	0.00
81) Pyrene-d10	19.204	212	1345696	20.430	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	1507949	20.813	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.198	128	700872	13.454	ng/u1	98
36) 2-Methylnaphthalene	11.822	142	1075858	29.982	ng/u1	98
37) 1-Methylnaphthalene	12.045	142	647186	17.818	ng/u1	97
41) 2,4,6-Trichlorophenol	12.457	196	14410	1.216	ng/u1	97
43) 1,1'-Biphenyl	12.863	154	101116	2.166	ng/u1#	87
52) Acenaphthene	14.104	153	42443	1.044	ng/u1#	93
58) 2,3,4,6-Tetrachlorophenol	14.692	232	2216039	205.175	ng/u1	91
61) Fluorene	15.104	166	90595	1.992	ng/u1#	94
71) Pentachlorophenol	16.504	266	11631155m	1202.684	ng/u1	
72) Phenanthrene	16.851	178	429211	6.318	ng/u1#	96

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

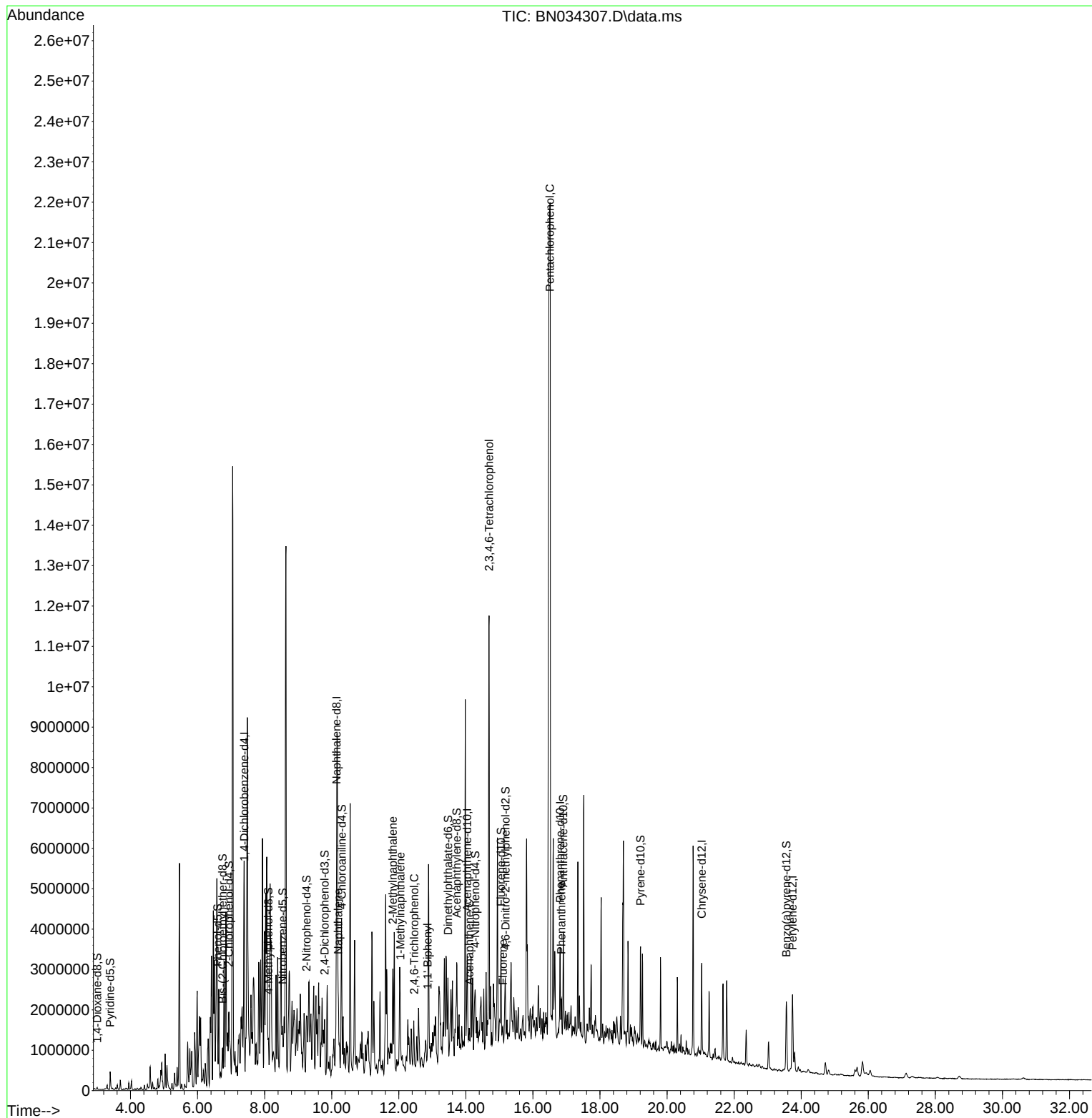
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034307.D
Acq On : 01 Oct 2024 17:51
Operator : RC/JU
Sample : P4019-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

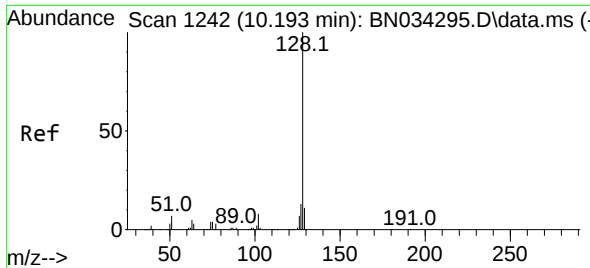
Instrument :
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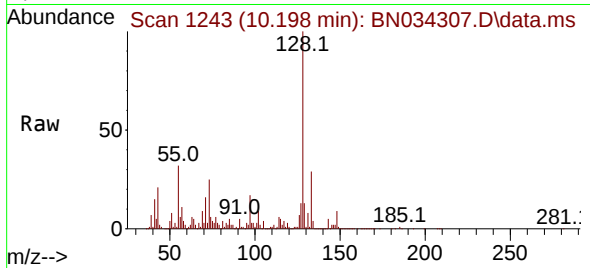
Quant Time: Oct 02 00:07:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 13.454 ng/ul
RT: 10.198 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

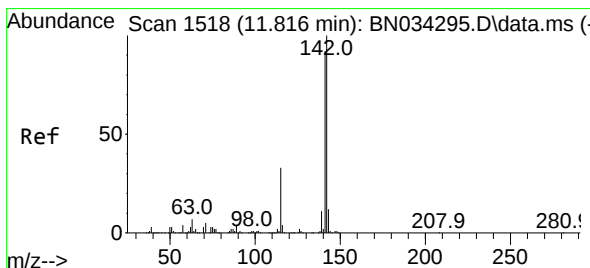
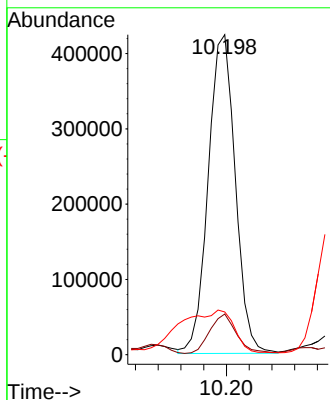
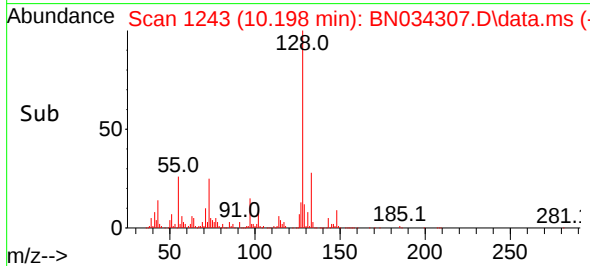
Instrument :
BNA_N
ClientSampleId :
DDCE6



Tgt Ion:128 Resp: 700872
Ion Ratio Lower Upper
128 100
129 12.7 8.7 13.1
127 13.4 10.6 16.0

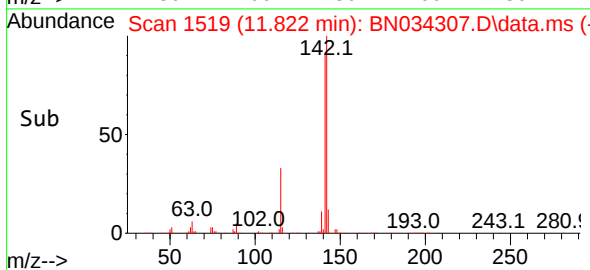
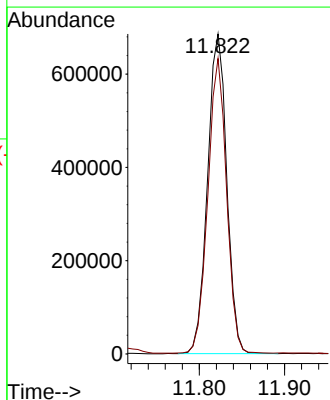
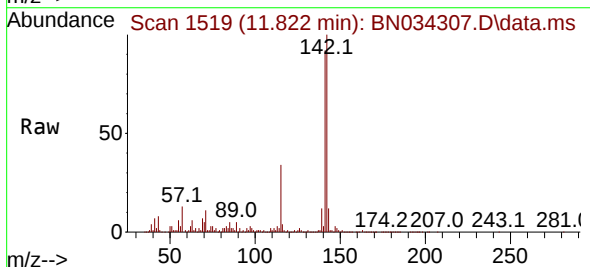
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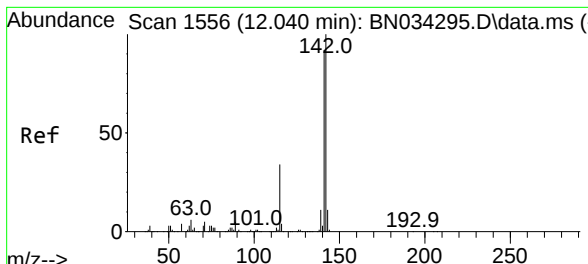
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#36
2-Methylnaphthalene
Concen: 29.982 ng/ul
RT: 11.822 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

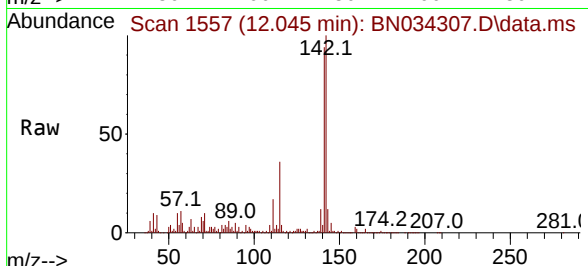
Tgt Ion:142 Resp: 1075858
Ion Ratio Lower Upper
142 100
141 92.3 72.2 108.2





#37
 1-Methylnaphthalene
 Concen: 17.818 ng/ul
 RT: 12.045 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BN034307.D
 Acq: 01 Oct 2024 17:51

Instrument :
 BNA_N
 ClientSampleId :
 DDCE6

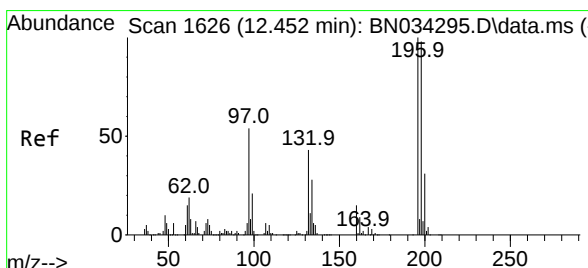
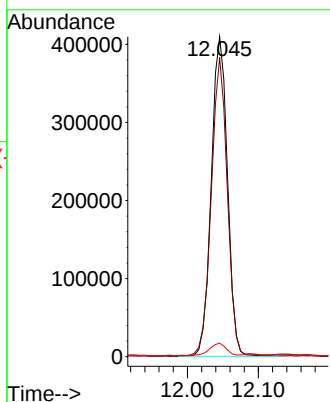
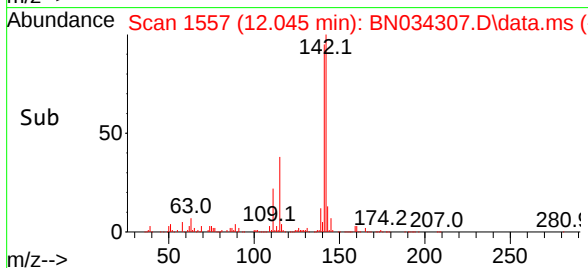


Tgt Ion:142 Resp: 647180

Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.5	108.7
116	4.2	3.2	4.8

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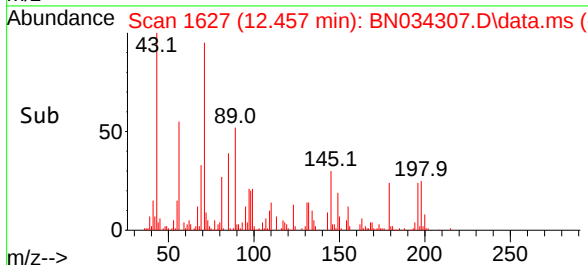
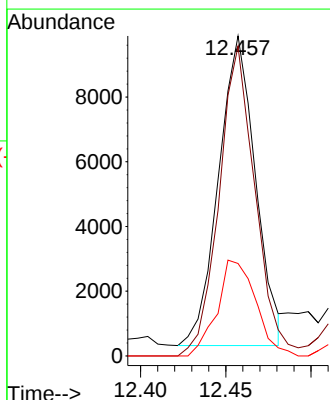
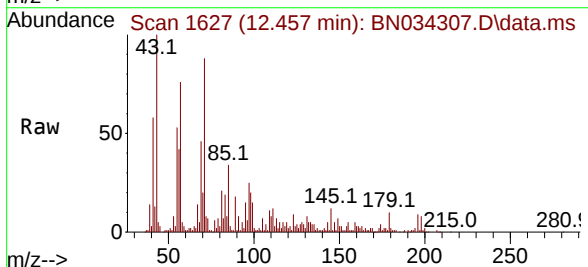
Reviewed By :Yogesh Patel 10/02/2024
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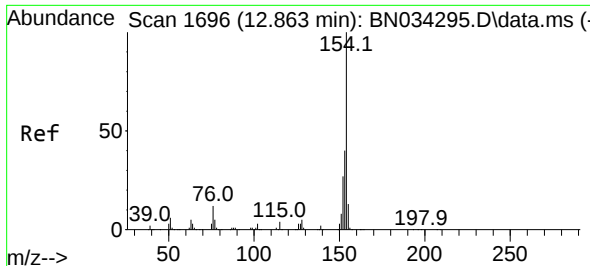


#41
 2,4,6-Trichlorophenol
 Concen: 1.216 ng/ul
 RT: 12.457 min Scan# 1627
 Delta R.T. 0.006 min
 Lab File: BN034307.D
 Acq: 01 Oct 2024 17:51

Tgt Ion:196 Resp: 14410

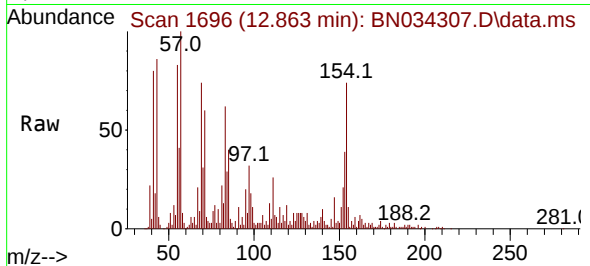
Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.0	112.4
200	28.9	24.7	37.1





#43
1,1'-Biphenyl
Concen: 2.166 ng/ul
RT: 12.863 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

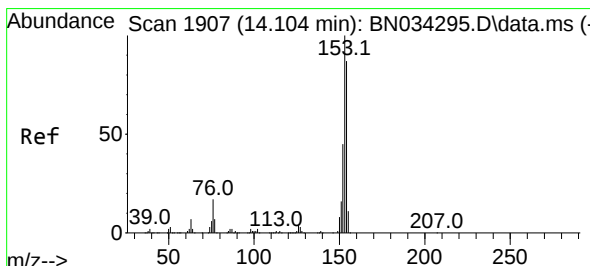
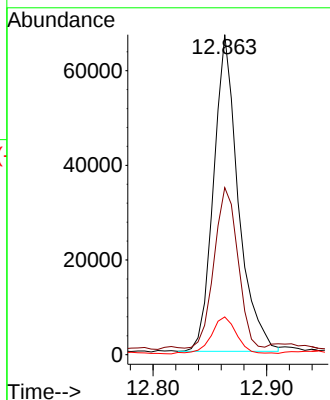
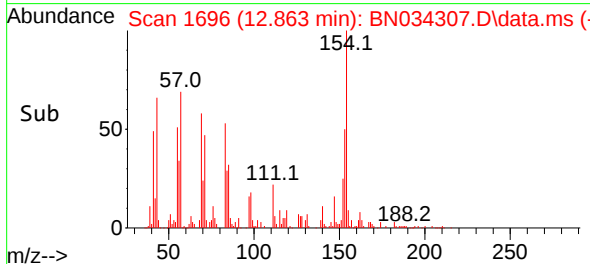
Instrument :
BNA_N
ClientSampleId :
DDCE6



Tgt Ion:154 Resp: 101110
Ion Ratio Lower Upper
154 100
153 52.2 33.3 49.9
76 11.8 10.2 15.4

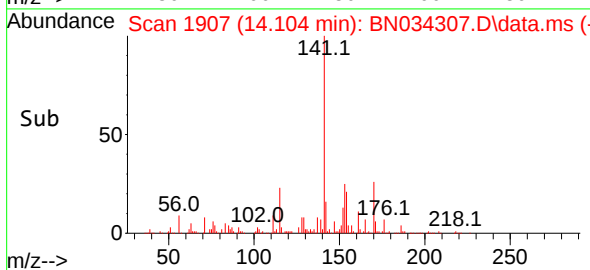
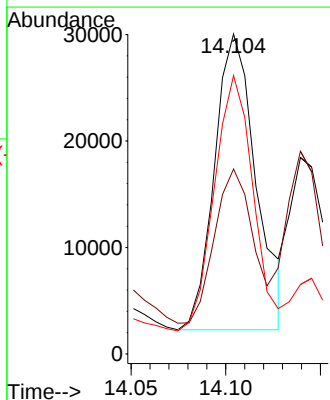
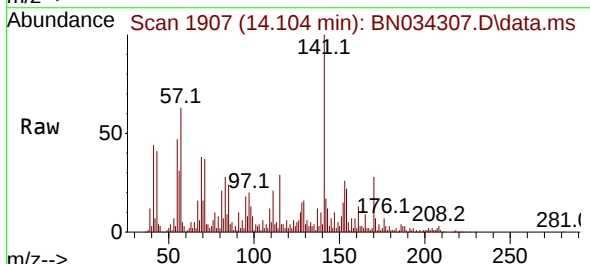
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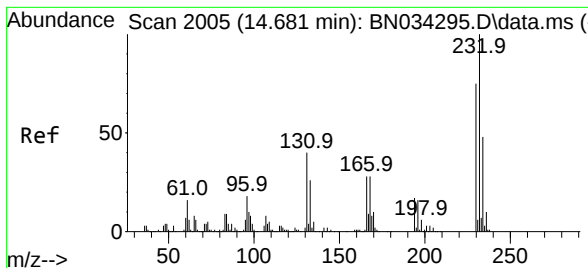
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#52
Acenaphthene
Concen: 1.044 ng/ul
RT: 14.104 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

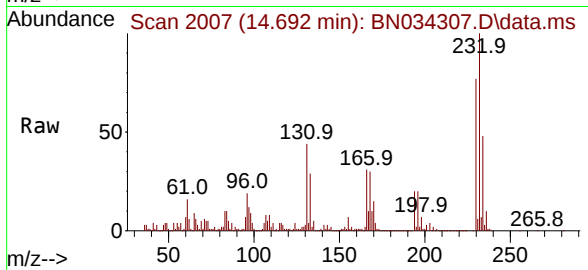
Tgt Ion:153 Resp: 42443
Ion Ratio Lower Upper
153 100
152 57.8 37.8 56.8
154 87.0 71.2 106.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 205.175 ng/ul
RT: 14.692 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

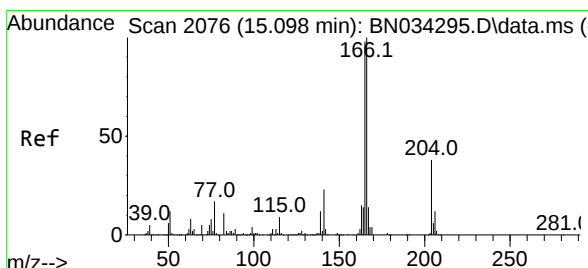
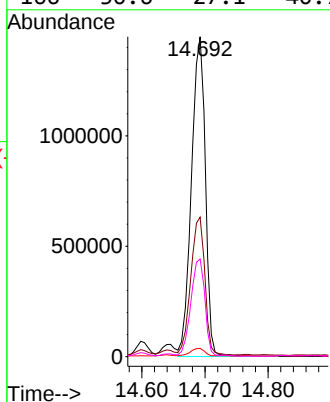
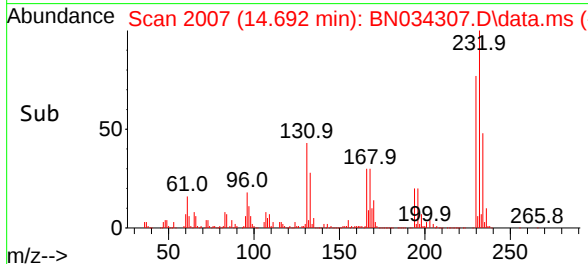
Instrument :
BNA_N
ClientSampleId :
DDCE6



Tgt Ion:232 Resp: 2216039
Ion Ratio Lower Upper
232 100
131 43.6 41.0 61.6
130 2.6 2.2 3.2
166 30.6 27.1 40.7

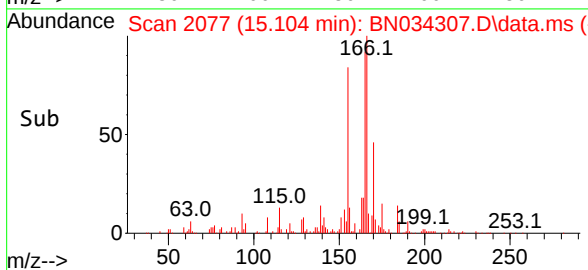
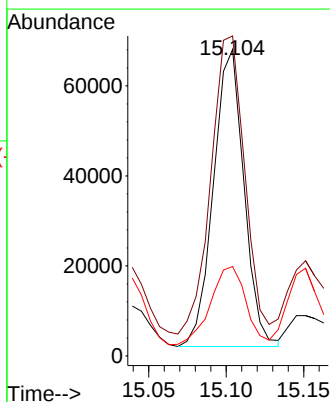
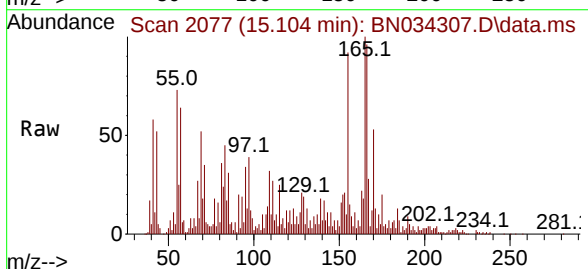
Manual Integrations
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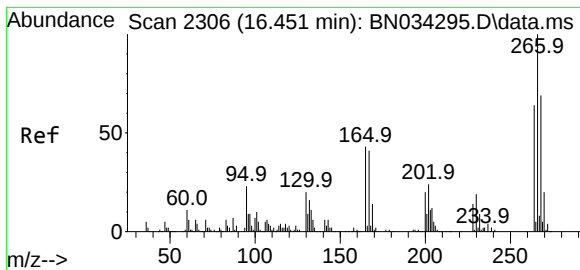
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#61
Fluorene
Concen: 1.992 ng/ul
RT: 15.104 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

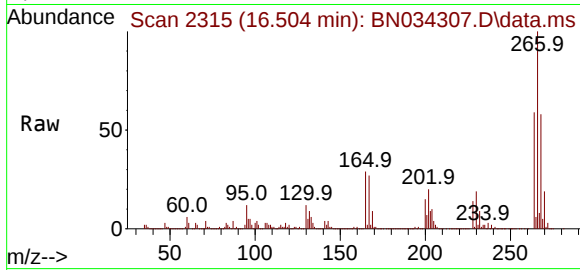
Tgt Ion:166 Resp: 90595
Ion Ratio Lower Upper
166 100
165 104.4 81.9 122.9
167 29.1 10.9 16.3#





#71
Pentachlorophenol
Concen: 1202.684 ng/ul m
RT: 16.504 min Scan# 21
Delta R.T. 0.047 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

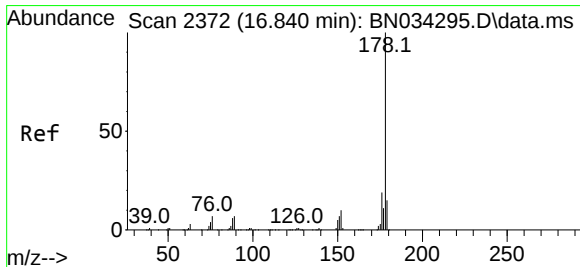
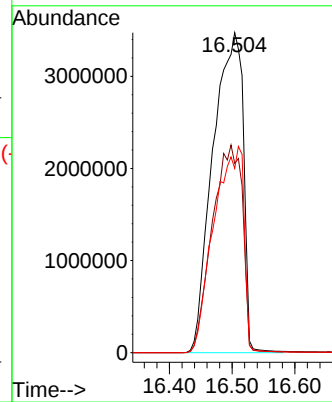
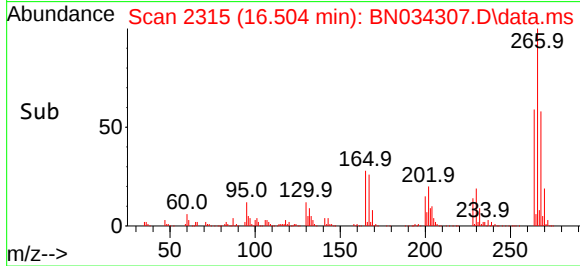
Instrument :
BNA_N
ClientSampleId :
DDCE6



Tgt Ion:266 Resp:1163115
Ion Ratio Lower Upper
266 100
264 59.1 51.1 76.7
268 57.6 52.8 79.2

Manual Integrations
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#72
Phenanthrene
Concen: 6.318 ng/ul
RT: 16.851 min Scan# 2374
Delta R.T. 0.012 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion:178 Resp: 429211
Ion Ratio Lower Upper
178 100
179 18.5 11.9 17.9#
176 19.1 15.2 22.8

