

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
 Data File : BN033905.D
 Acq On : 13 Sep 2024 20:23
 Operator : JU/RC
 Sample : P3898-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC77

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 00:03:36 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	7.493	152	187838	20.000	ng/u1	0.00
20) Naphthalene-d8	10.251	136	793658	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.134	164	537816	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	1158359	20.000	ng/u1	0.00
79) Chrysene-d12	21.121	240	1109212	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	1274208	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	13672	2.970	ng/uL	0.00
4) Pyridine-d5	3.499	84	194666	14.228	ng/u1	0.00
7) Phenol-d5	6.687	99	282411	16.941	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.840	67	169598	16.397	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.034	132	228384	17.404	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	226322	16.499	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	106217	16.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.346	143	116582	17.922	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	220366	17.988	ng/u1	0.00
31) 4-Chloroaniline-d4	10.410	131	230701	12.439	ng/u1	0.01
46) Dimethylphthalate-d6	13.557	166	677778	16.863	ng/u1	0.00
49) Acenaphthylene-d8	13.822	160	797393	17.635	ng/u1	0.00
54) 4-Nitrophenol-d4	14.369	143	122203	14.815	ng/u1	0.00
60) Fluorene-d10	15.139	176	595680	17.487	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.263	200	90377m	13.086	ng/u1	0.00
73) Anthracene-d10	16.992	188	958686	17.604	ng/u1	0.00
81) Pyrene-d10	19.298	212	1093430	17.692	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.709	264	1153298	17.620	ng/u1	-0.01
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	11.922	142	171009	5.719	ng/u1	99
37) 1-Methylnaphthalene	12.145	142	102481	3.386	ng/u1#	94
41) 2,4,6-Trichlorophenol	12.557	196	155074	15.066	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	14.775	232	555188	59.176	ng/u1	98
71) Pentachlorophenol	16.569	266	5654271	621.829	ng/u1	99
72) Phenanthrene	16.933	178	98191	1.537	ng/u1#	97

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

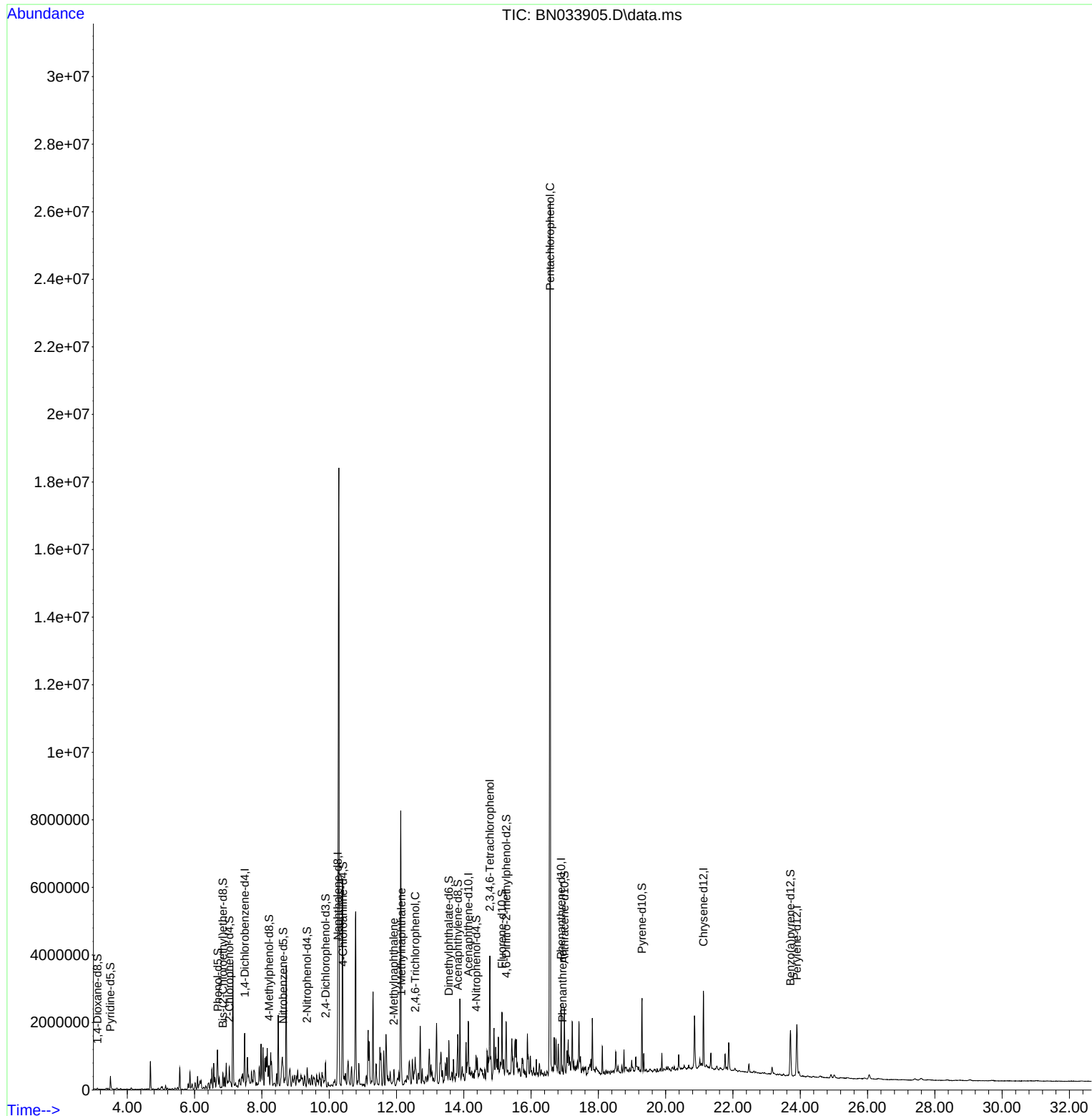
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091324\
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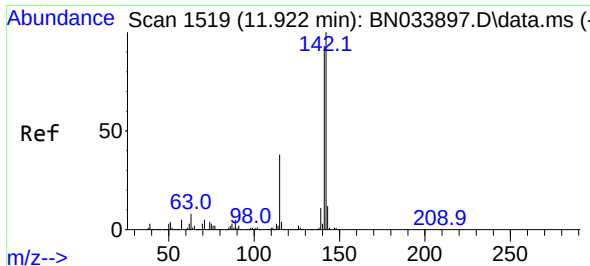
Instrument :
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Quant Time: Sep 14 00:03:36 2024
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Quant Title : SVOA CALIBRATION
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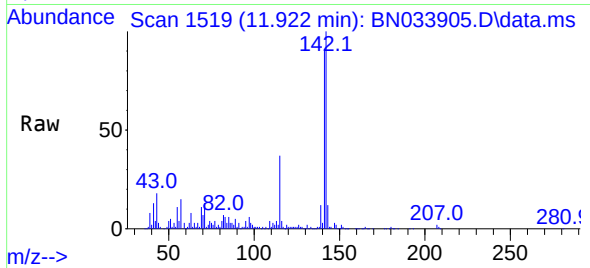
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024





#36
2-Methylnaphthalene
Concen: 5.719 ng/ul
RT: 11.922 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BN033905.D
Acq: 13 Sep 2024 20:23

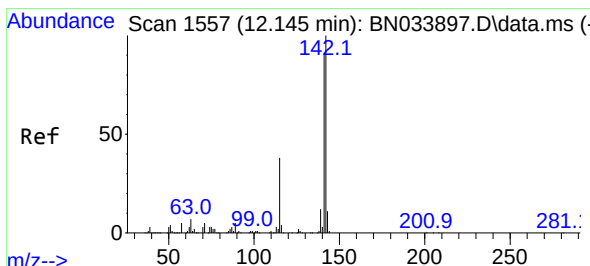
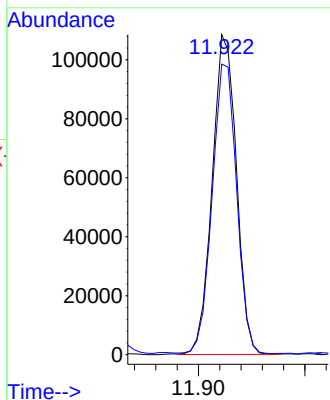
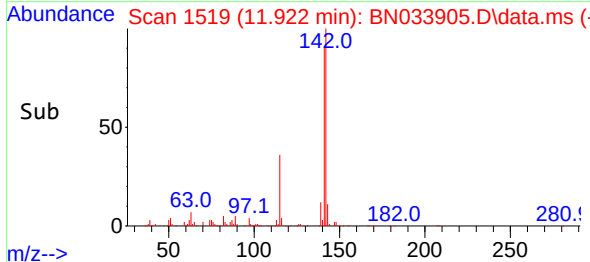
Instrument :
BNA_N
ClientSampleId :
DDC77



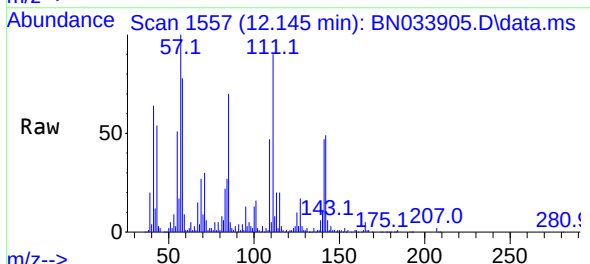
Tgt Ion:142 Resp: 171009
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.2

Manual Integrations
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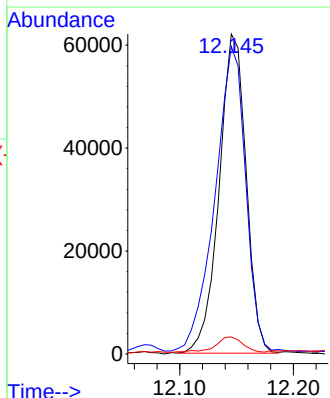
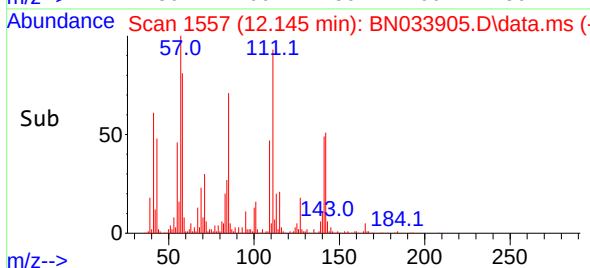
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

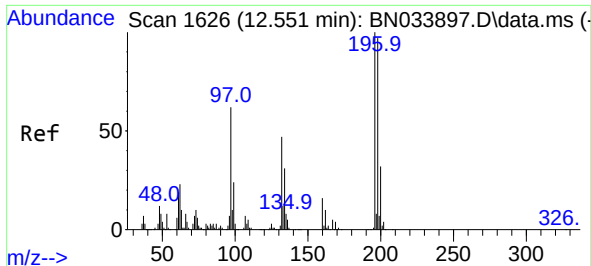


#37
1-Methylnaphthalene
Concen: 3.386 ng/ul
RT: 12.145 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN033905.D
Acq: 13 Sep 2024 20:23



Tgt Ion:142 Resp: 102481
Ion Ratio Lower Upper
142 100
141 96.1 72.5 108.7
116 5.3 3.2 4.8#





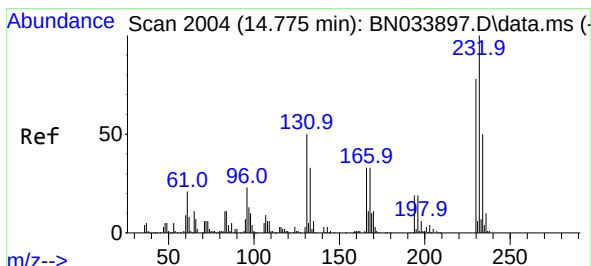
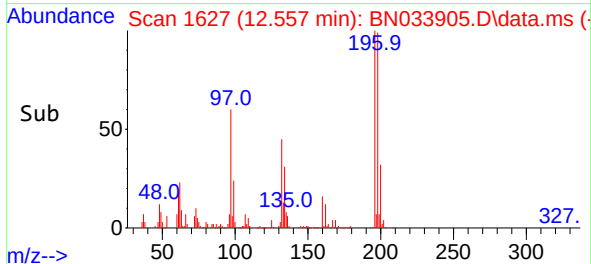
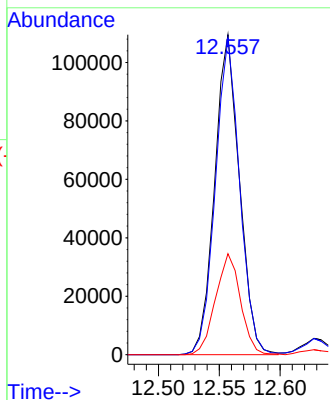
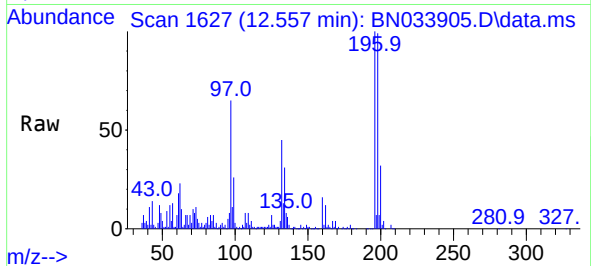
#41
2,4,6-Trichlorophenol
Concen: 15.066 ng/ul
RT: 12.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033905.D
Acq: 13 Sep 2024 20:23

Instrument :
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Tgt Ion:196 Resp: 155074
Ion Ratio Lower Upper
196 100
198 99.0 75.0 112.4
200 31.6 24.7 37.1

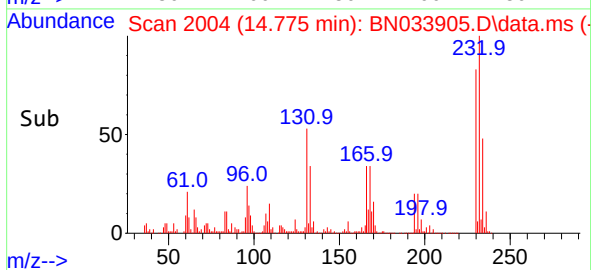
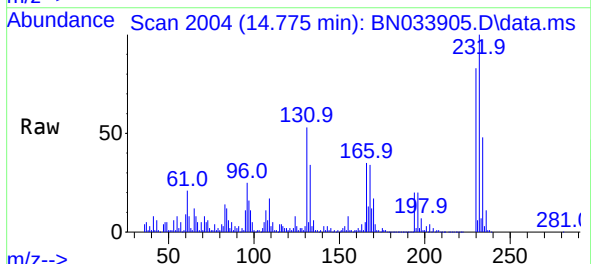
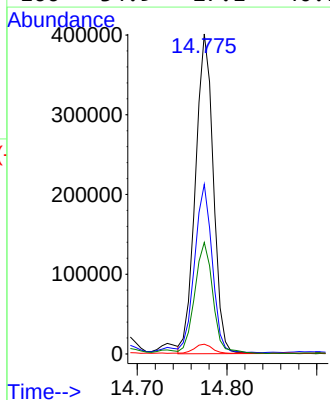
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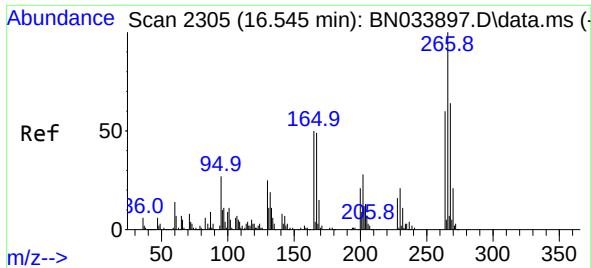
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 59.176 ng/ul
RT: 14.775 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BN033905.D
Acq: 13 Sep 2024 20:23

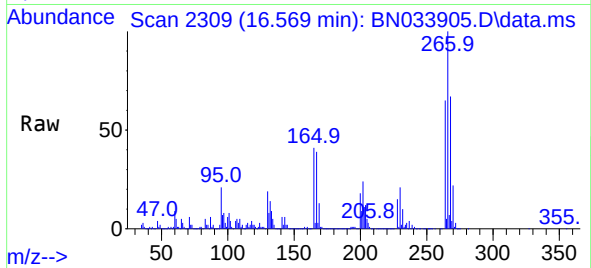
Tgt Ion:232 Resp: 555188
Ion Ratio Lower Upper
232 100
131 53.0 41.0 61.6
130 3.1 2.2 3.2
166 34.9 27.1 40.7





#71
 Pentachlorophenol
 Concen: 621.829 ng/u1
 RT: 16.569 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN033905.D
 Acq: 13 Sep 2024 20:23

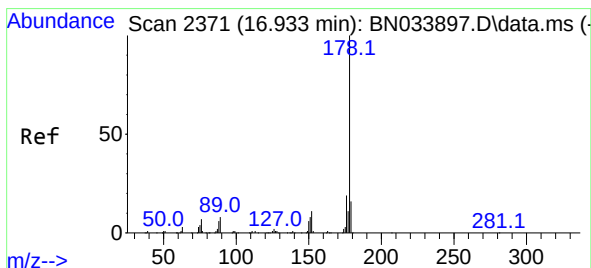
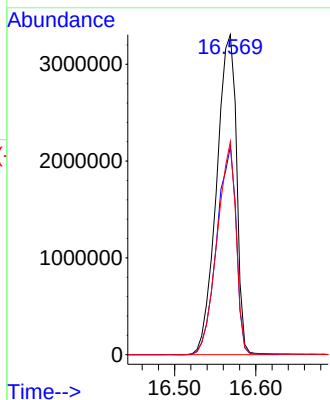
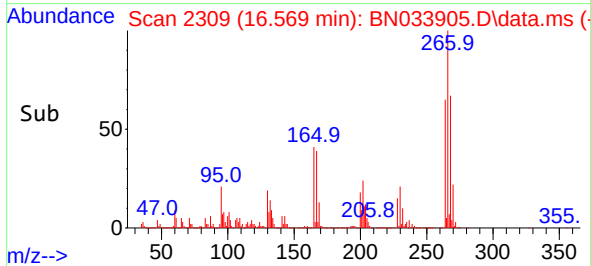
Instrument :
 BNA_N
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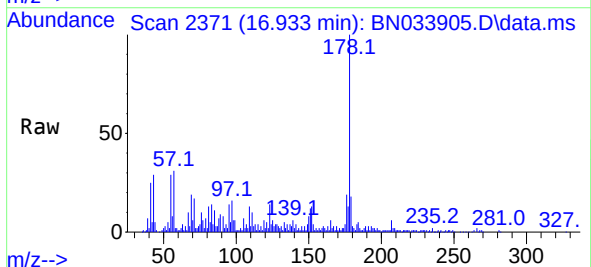
Tgt Ion:266 Resp: 565427
 Ion Ratio Lower Upper
 266 100
 264 65.1 51.1 76.7
 268 66.6 52.8 79.2

Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024



#72
 Phenanthrene
 Concen: 1.537 ng/u1
 RT: 16.933 min Scan# 2371
 Delta R.T. -0.006 min
 Lab File: BN033905.D
 Acq: 13 Sep 2024 20:23



Tgt Ion:178 Resp: 98191
 Ion Ratio Lower Upper
 178 100
 179 17.9 11.9 17.9#
 176 19.0 15.2 22.8

