

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019135.D
 Acq On : 28 Dec 2023 21:05
 Operator : MA/JU
 Sample : 05920-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF63

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 28 22:01:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 03:15:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	162857	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	614968	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	380506	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	885347	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	970035	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1113932	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	14068	2.950	ng/uL	0.00
4) Pyridine-d5	3.658	84	61202	5.114	ng/u1	0.00
7) Phenol-d5	6.981	99	67530	4.624	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	160627	19.011	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	136602	11.602	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	117282	10.315	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	97954	18.426	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	104332	18.160	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	87744	7.563	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	18463m	1.294	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	620442	18.460	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	234036	6.418	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	43936	7.742	ng/u1	0.00
60) Fluorene-d10	15.445	176	533168	18.363	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	75200	12.956	ng/u1	0.00
73) Anthracene-d10	17.304	188	324811	7.025	ng/u1	0.00
81) Pyrene-d10	19.551	212	74579	1.262	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.522	264	34770	0.543	ng/u1	-0.01
Target Compounds						
6) Benzaldehyde	6.952	77	9659	1.424	ng/u1	97
8) Phenol	7.011	94	38399	2.662	ng/u1	96
16) Acetophenone	8.634	105	191342	11.236	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	17030	1.963	ng/u1#	97
71) Pentachlorophenol	16.857	266	727104	92.091	ng/u1	98

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

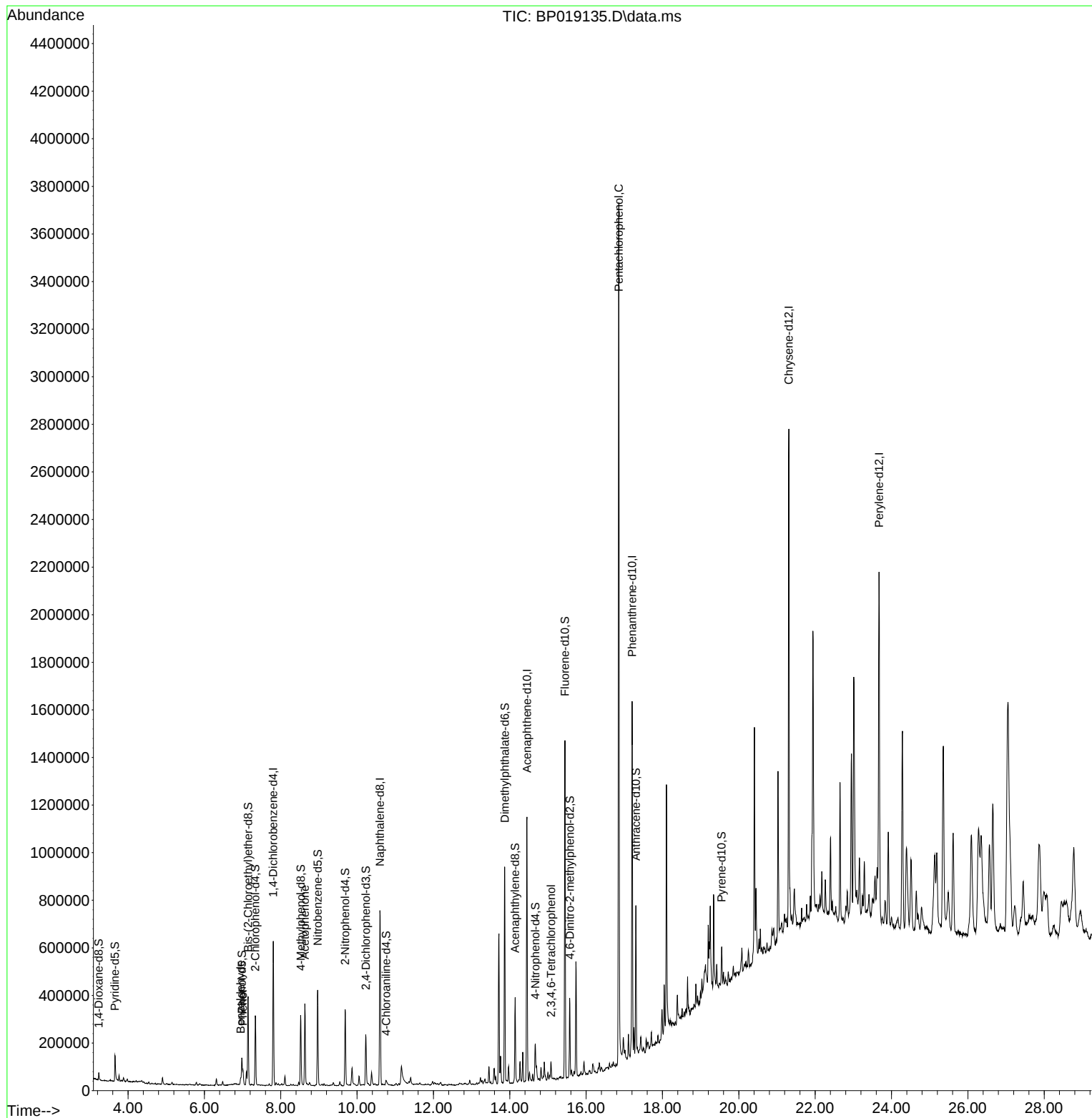
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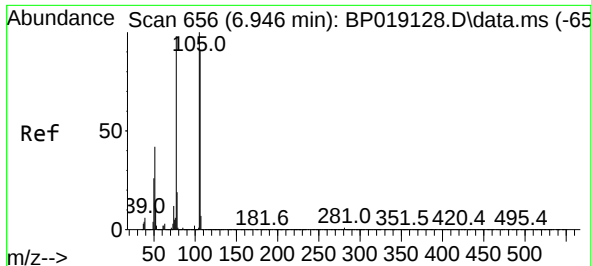
Instrument :
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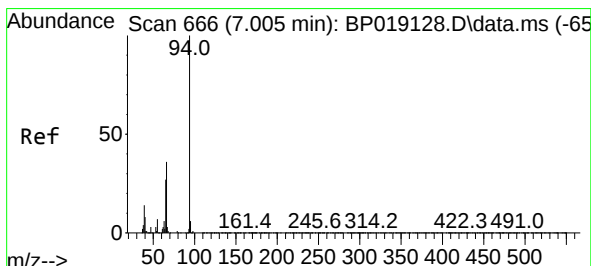
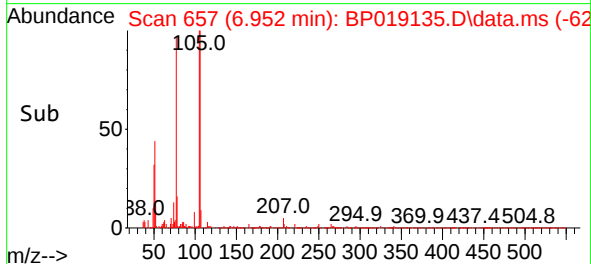
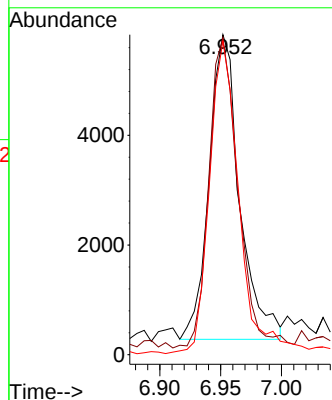
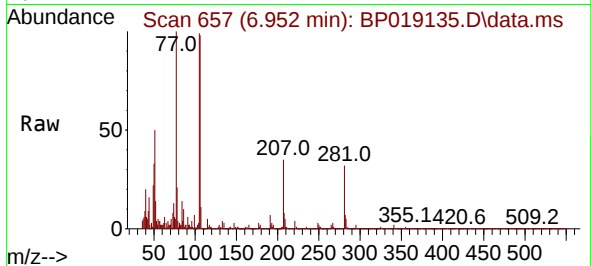
#6
Benzaldehyde
Concen: 1.424 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019135.D
Acq: 28 Dec 2023 21:05

Instrument :
BNA_P
ClientSampleId :
GCF63

Tgt Ion: 77 Resp: 965
Ion Ratio Lower Upper
77 100
105 99.1 78.6 117.8
106 98.0 74.8 112.2

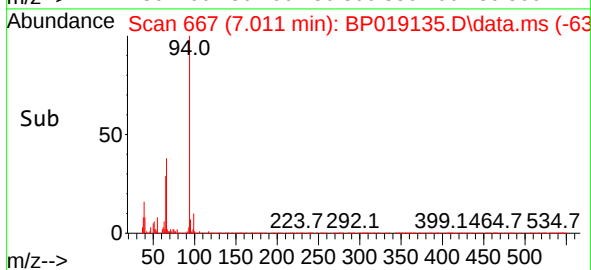
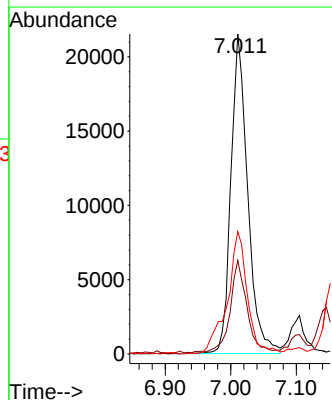
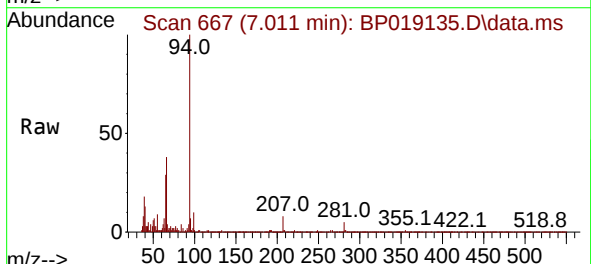
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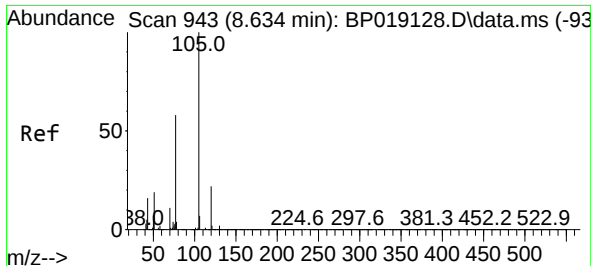
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 01/01/2024



#8
Phenol
Concen: 2.662 ng/ul
RT: 7.011 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP019135.D
Acq: 28 Dec 2023 21:05

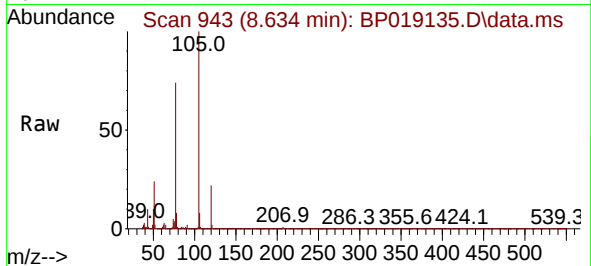
Tgt Ion: 94 Resp: 38399
Ion Ratio Lower Upper
94 100
65 29.2 21.1 31.7
66 38.3 29.3 43.9





#16
Acetophenone
Concen: 11.236 ng/ul
RT: 8.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP019135.D
Acq: 28 Dec 2023 21:05

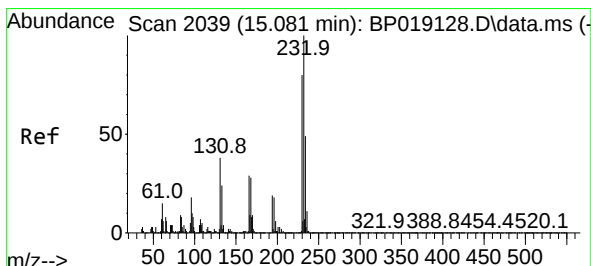
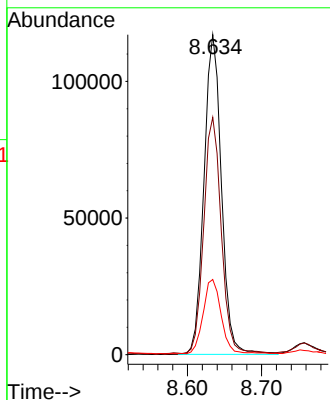
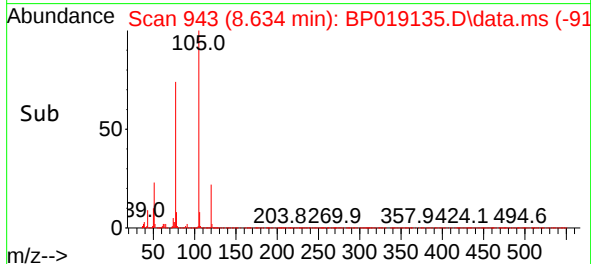
Instrument :
BNA_P
ClientSampleId :
GCF63



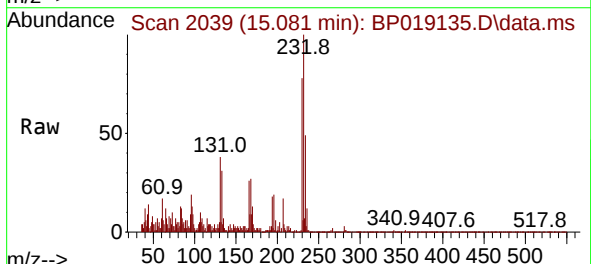
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Ion Ratio Lower Upper
105 100
77 74.2 59.8 89.6
51 23.5 19.3 28.9

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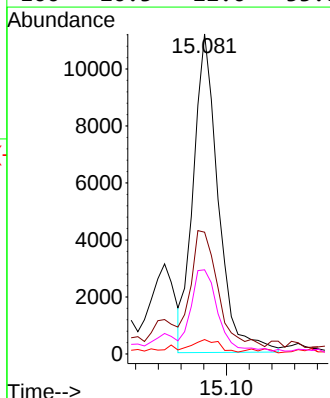
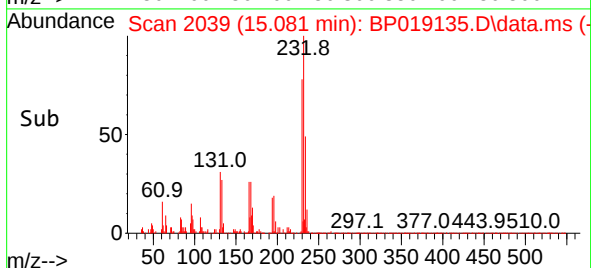
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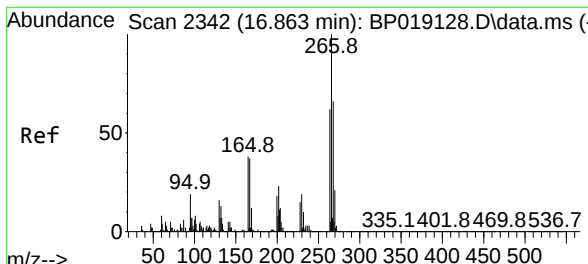


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.963 ng/ul
RT: 15.081 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BP019135.D
Acq: 28 Dec 2023 21:05



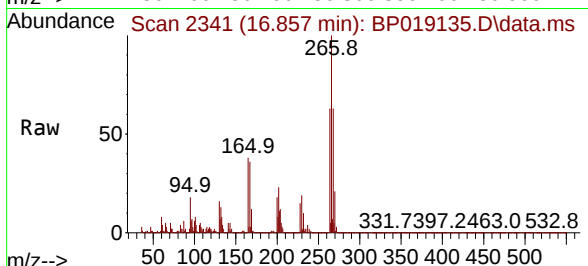
Tgt Ion:232 Resp: 17030
Ion Ratio Lower Upper
232 100
131 38.1 29.3 43.9
130 4.5 1.4 2.2#
166 26.3 22.6 33.8





#71
 Pentachlorophenol
 Concen: 92.091 ng/ul
 RT: 16.857 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019135.D
 Acq: 28 Dec 2023 21:05

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 266 Resp: 727104

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.0	75.0
268	63.1	52.8	79.2

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