

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021645.D
 Acq On : 26 Aug 2024 19:31
 Operator : RC/JU
 Sample : P3695-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCN98

Manual Integrations
 APPROVED

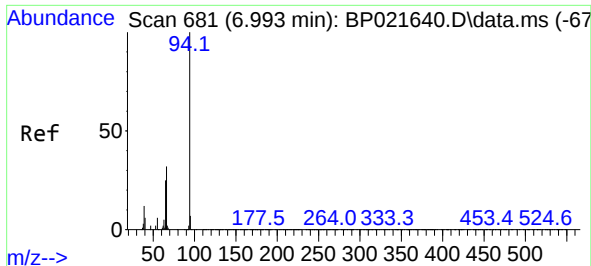
Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 26 23:26:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 23 17:51:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	251505	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1112028	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	696340	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1482001	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	1537604	20.000	ng/u1	-0.02
88) Perylene-d12	25.098	264	1792565	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8549m	1.128	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.958	99	210304	7.835	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	122457	8.383	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.334	132	140105	8.085	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	153198	7.386	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	67897	7.589	ng/u1	0.00
24) 2-Nitrophenol-d4	9.658	143	62446	6.876	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	137184	7.666	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	68846	2.644	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	461172	8.655	ng/u1	-0.01
49) Acenaphthylene-d8	14.122	160	519497	8.684	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	60992	6.017	ng/u1	0.00
60) Fluorene-d10	15.445	176	422483	9.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	42712	5.240	ng/u1	-0.01
73) Anthracene-d10	17.345	188	634864m	9.026	ng/u1	0.00
81) Pyrene-d10	19.716	212	728381	8.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.868	264	579264	6.060	ng/u1	-0.04
Target Compounds						
8) Phenol	6.987	94	38342	1.370	ng/u1	97
16) Acetophenone	8.605	105	123407	3.711	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	114558	8.714	ng/u1#	87
71) Pentachlorophenol	16.898	266	5472532	440.254	ng/u1	99
80) Fluoranthene	19.375	202	105225	1.026	ng/u1#	91
82) Pyrene	19.751	202	1247473	11.484	ng/u1	98
85) Benzo(a)anthracene	21.716	228	213130	1.949	ng/u1	92
87) Chrysene	21.745	228	214787	2.087	ng/u1	98

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



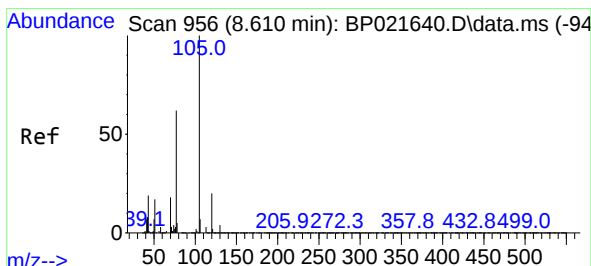
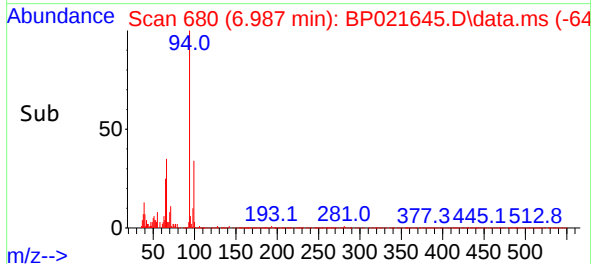
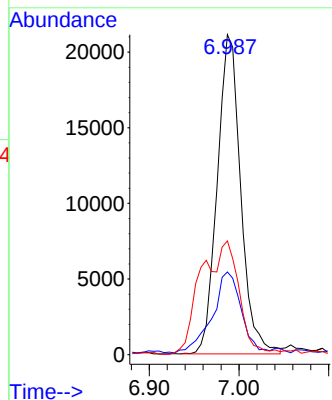
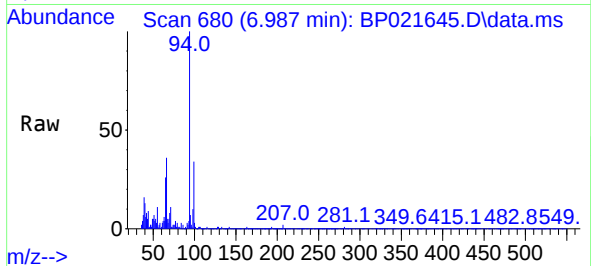
#8
Phenol
Concen: 1.370 ng/ul
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31

Instrument :
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ClientSampleId :
GCN98

Tgt Ion: 94 Resp: 3834
Ion Ratio Lower Upper
94 100
65 25.8 20.0 30.0
66 35.6 27.0 40.4

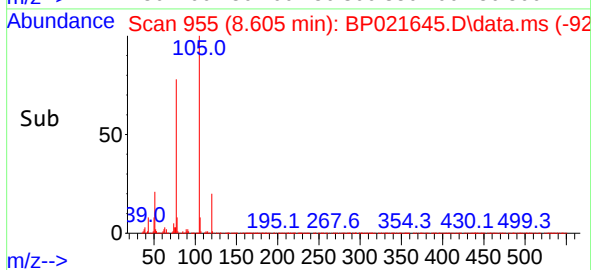
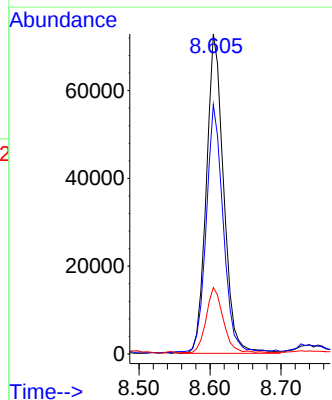
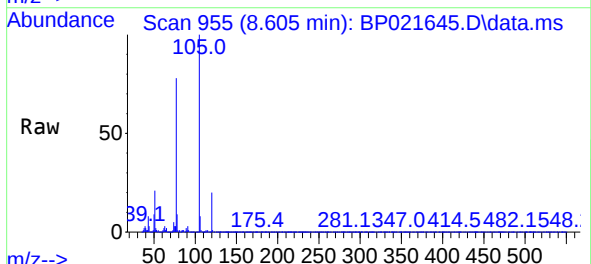
Manual Integrations
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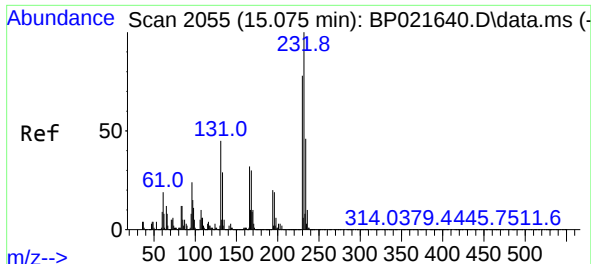
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



#16
Acetophenone
Concen: 3.711 ng/ul
RT: 8.605 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31

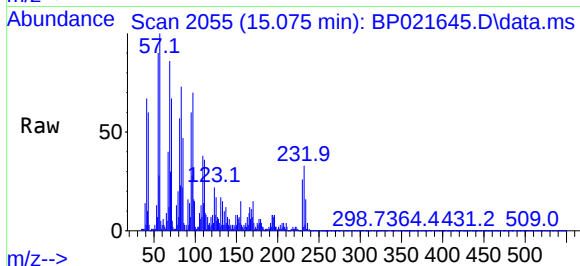
Tgt Ion:105 Resp: 123407
Ion Ratio Lower Upper
105 100
77 77.9 59.4 89.2
51 20.8 16.4 24.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 8.714 ng/ul
RT: 15.075 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31

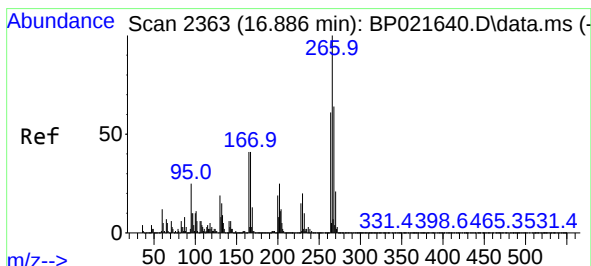
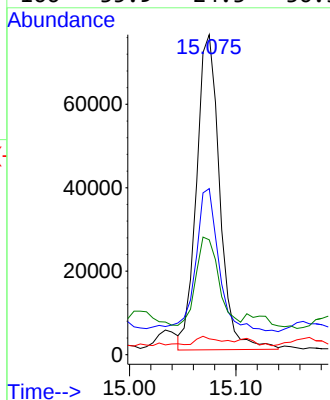
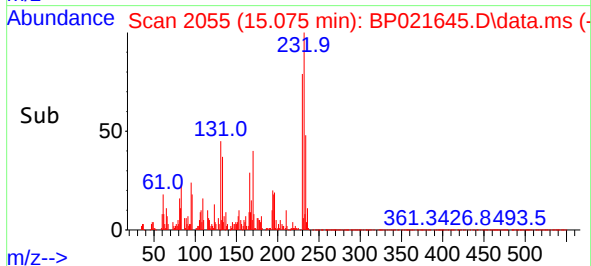
Instrument :
BNA_P
ClientSampleId :
GCN98



Tgt Ion:232 Resp: 114558
Ion Ratio Lower Upper
232 100
131 51.9 33.9 50.9
130 4.9 2.0 3.0
166 35.9 24.3 36.5

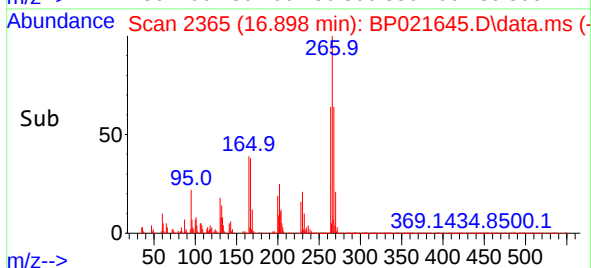
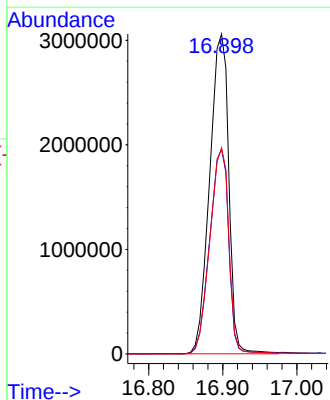
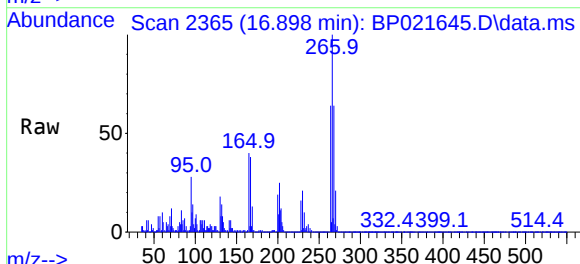
Manual Integrations
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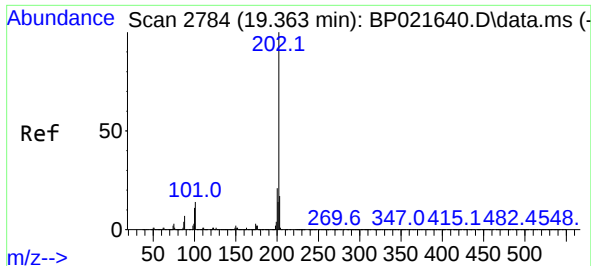
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



#71
Pentachlorophenol
Concen: 440.254 ng/ul
RT: 16.898 min Scan# 2365
Delta R.T. 0.018 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31

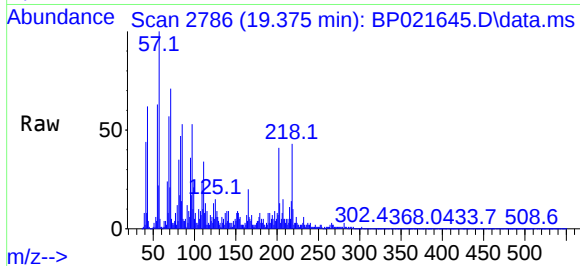
Tgt Ion:266 Resp: 5472532
Ion Ratio Lower Upper
266 100
264 63.9 51.4 77.0
268 64.5 50.6 75.8





#80
Fluoranthene
Concen: 1.026 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31

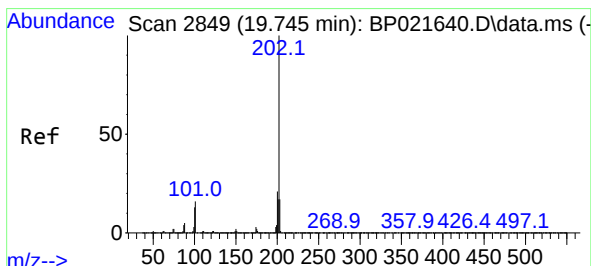
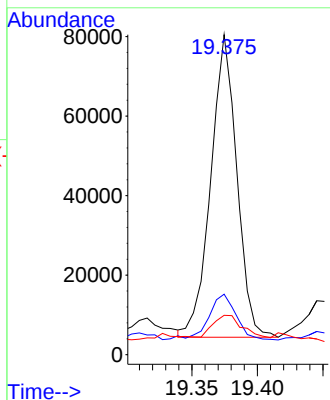
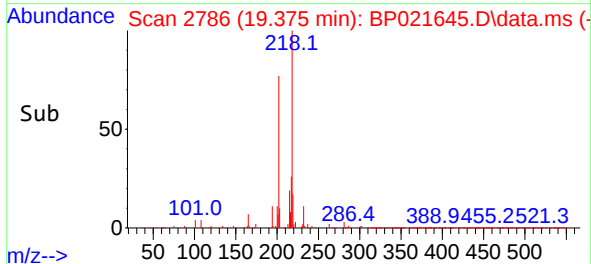
Instrument :
BNA_P
ClientSampleId :
GCN98



Tgt Ion:202 Resp: 105225
Ion Ratio Lower Upper
202 100
101 18.9 11.2 16.8
100 12.3 8.5 12.7

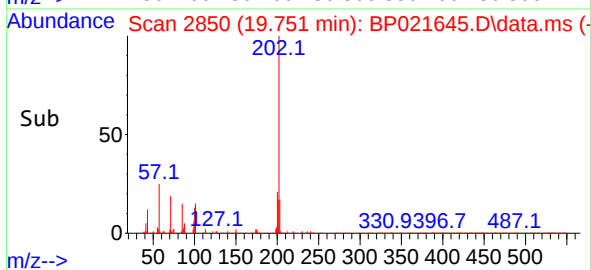
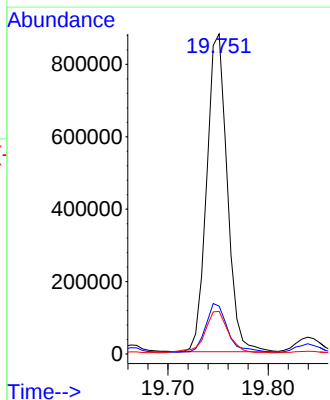
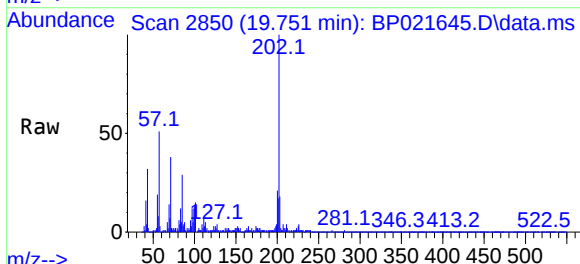
Manual Integrations
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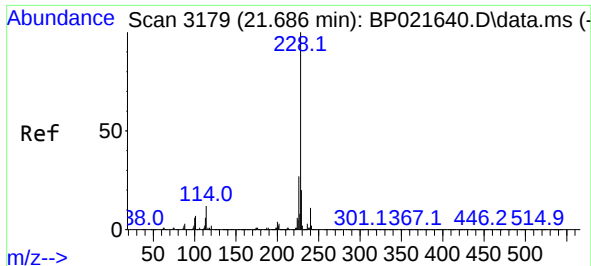
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



#82
Pyrene
Concen: 11.484 ng/u1
RT: 19.751 min Scan# 2850
Delta R.T. 0.006 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31

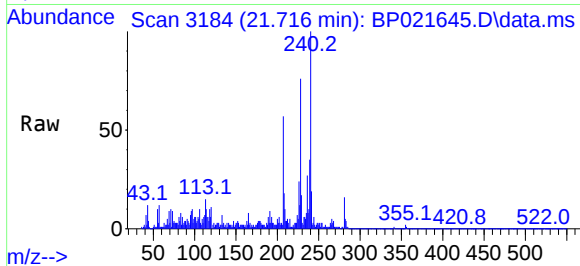
Tgt Ion:202 Resp: 1247473
Ion Ratio Lower Upper
202 100
101 15.0 12.8 19.2
100 13.3 10.8 16.2





#85
Benzo(a)anthracene
Concen: 1.949 ng/ul
RT: 21.716 min Scan# 3179
Delta R.T. 0.018 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31

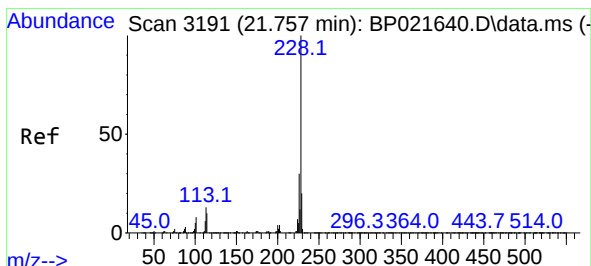
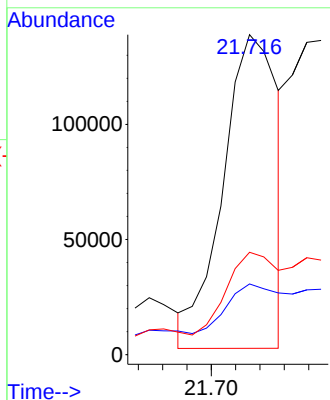
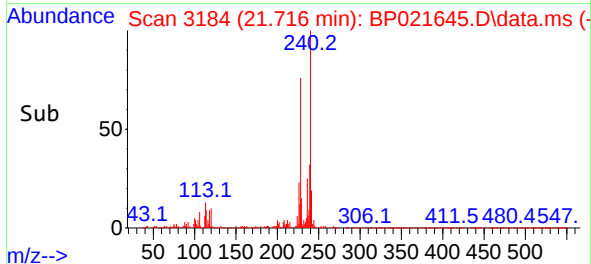
Instrument :
BNA_P
ClientSampleId :
GCN98



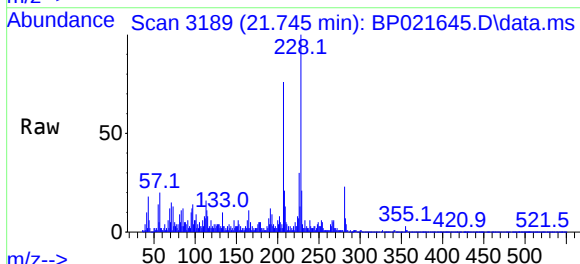
Tgt Ion:228 Resp: 213130
Ion Ratio Lower Upper
228 100
229 22.1 15.7 23.5
226 32.0 21.7 32.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/29/2024



#87
Chrysene
Concen: 2.087 ng/ul
RT: 21.745 min Scan# 3189
Delta R.T. -0.018 min
Lab File: BP021645.D
Acq: 26 Aug 2024 19:31



Tgt Ion:228 Resp: 214787
Ion Ratio Lower Upper
228 100
226 30.1 23.5 35.3
229 20.8 15.6 23.4

