

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
 Data File : BP020094.D
 Acq On : 23 Apr 2024 04:20
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CORE5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 23 05:08:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 01:17:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	95099m	20.000	ng/u1	0.06
20) Naphthalene-d8	10.446	136	650922	20.000	ng/u1	0.04
38) Acenaphthene-d10	14.322	164	384844	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	681405	20.000	ng/u1	0.02
79) Chrysene-d12	21.663	240	618990	20.000	ng/u1	0.00
88) Perylene-d12	25.057	264	662345	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	13120	5.653	ng/uL	0.01
4) Pyridine-d5	3.652	84	88660	12.978	ng/u1	0.02
7) Phenol-d5	6.840	99	125056	15.088	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.063	67	565673m	97.644	ng/u1	0.07
11) 2-Chlorophenol-d4	7.199	132	327373	57.849	ng/u1	0.02
15) 4-Methylphenol-d8	8.381	113	227001	35.062	ng/u1	0.04
21) Nitrobenzene-d5	8.834	128	230624	49.255	ng/u1	0.04
24) 2-Nitrophenol-d4	9.534	143	252809	49.951	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.069	165	418647	41.696	ng/u1	0.03
31) 4-Chloroaniline-d4	10.616	131	486876	36.324	ng/u1	0.05
46) Dimethylphthalate-d6	13.728	166	1319632	50.174	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1451761	46.311	ng/u1	0.01
54) 4-Nitrophenol-d4	14.587	143	34638m	8.652	ng/u1	0.03
60) Fluorene-d10	15.345	176	991117	42.333	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	96737	24.301	ng/u1	0.01
73) Anthracene-d10	17.269	188	1399540	45.845	ng/u1	0.00
81) Pyrene-d10	19.675	212	1667489	50.127	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.821	264	1553462	48.012	ng/u1	0.01
Target Compounds						
8) Phenol	6.869	94	56816	6.505	ng/u1	99
12) 2-Chlorophenol	7.240	128	132187	22.168	ng/u1	96
22) Nitrobenzene	8.875	77	19482	1.277	ng/u1	99
32) 4-Chloroaniline	10.628	127	487668	36.672	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.469	216	99891	7.965	ng/u1	97
42) 2,4,5-Trichlorophenol	12.810	196	9189	1.176	ng/u1	94
75) 1,2,3,4-Tetrachloroben...	13.087	216	138860	12.854	ng/uL	96

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

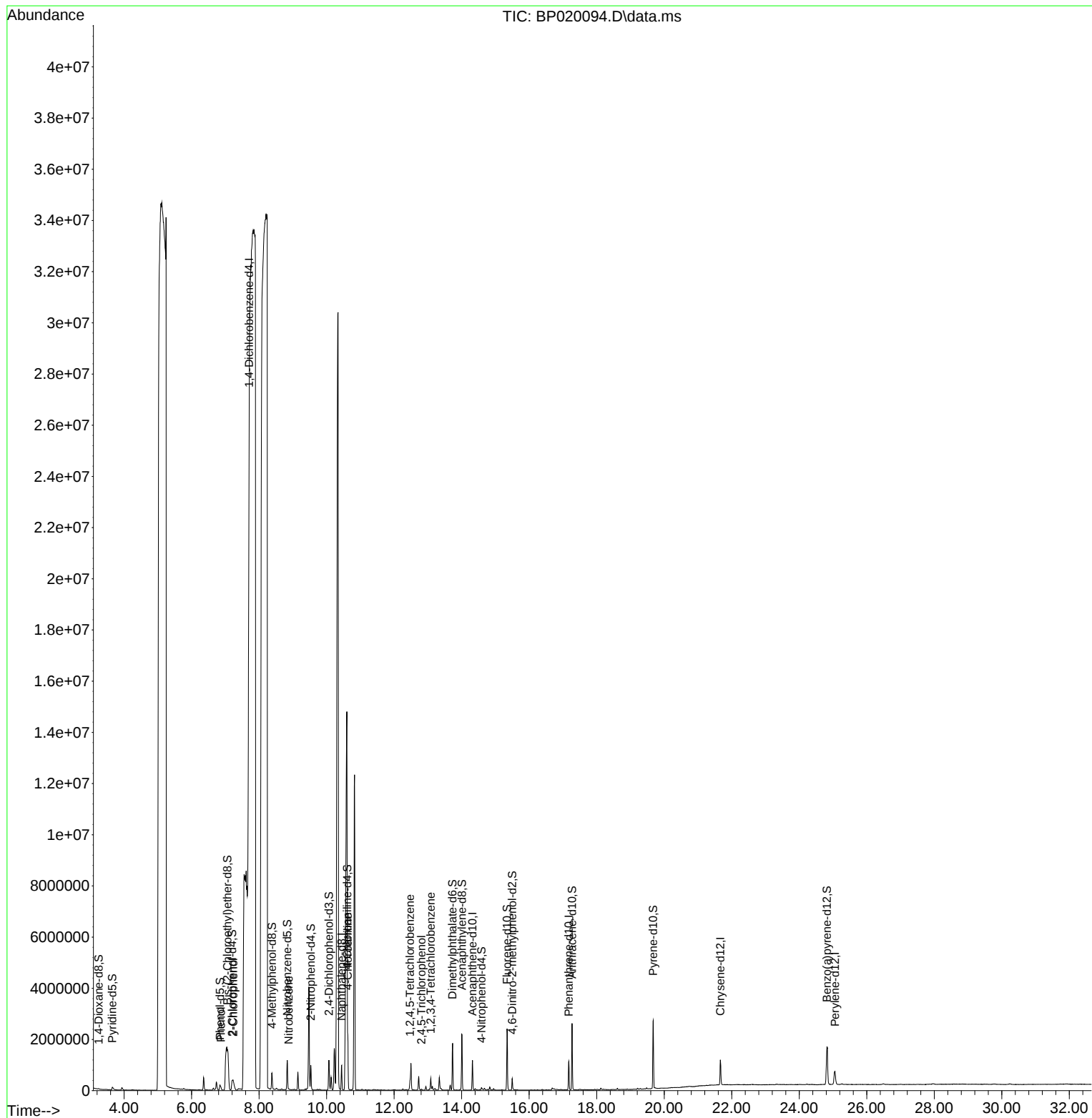
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020094.D
Acq On : 23 Apr 2024 04:20
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ALS Vial : 24 Sample Multiplier: 1

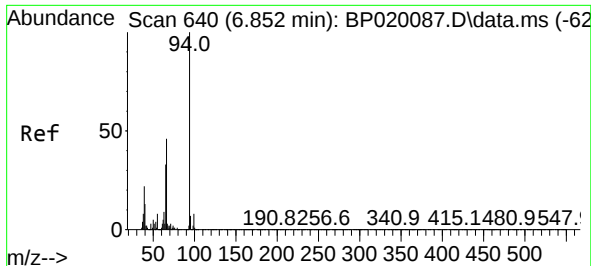
Instrument :
BNA_P
ClientSampleId :
C0RE5

Quant Time: Apr 23 05:08:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
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#8

Phenol

Concen: 6.505 ng/ul

RT: 6.869 min Scan# 64

Delta R.T. 0.023 min

Lab File: BP020094.D

Acq: 23 Apr 2024 04:20

Instrument :

BNA_P

ClientSampleId :

CORE5

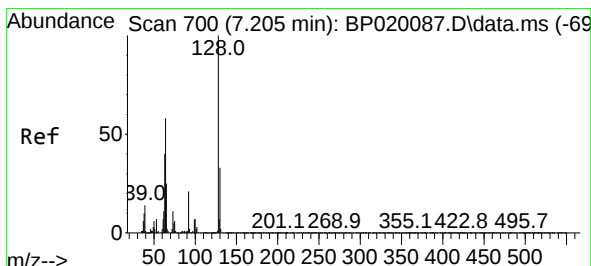
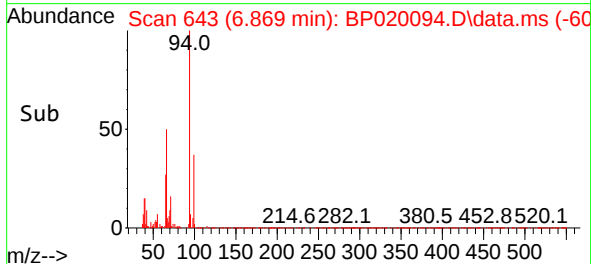
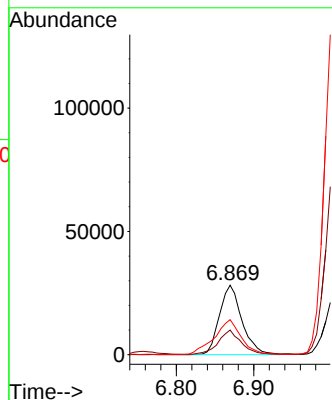
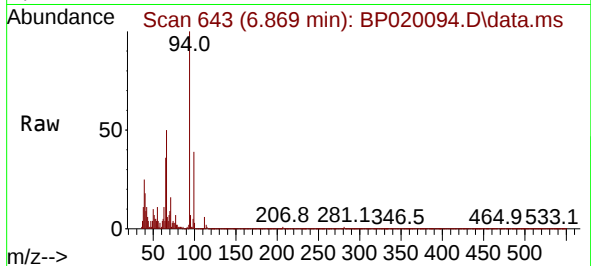
Tgt Ion: 94	Resp: 56810
Ion Ratio	Lower Upper
94 100	
65 35.5	27.8 41.6
66 50.4	40.0 60.0

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#12

2-Chlorophenol

Concen: 22.168 ng/ul

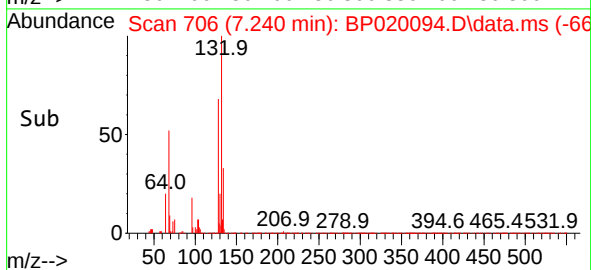
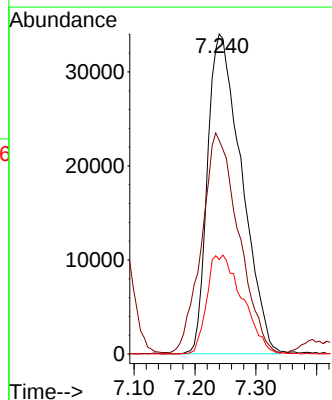
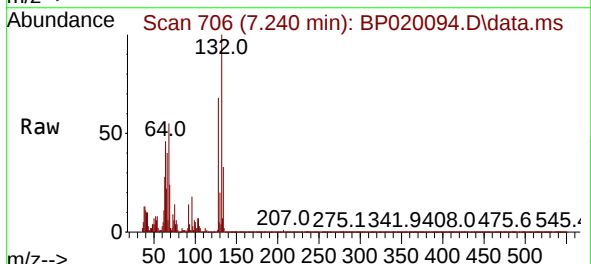
RT: 7.240 min Scan# 706

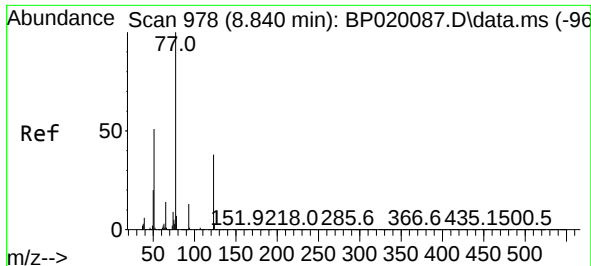
Delta R.T. 0.035 min

Lab File: BP020094.D

Acq: 23 Apr 2024 04:20

Tgt Ion:128	Resp: 132187
Ion Ratio	Lower Upper
128 100	
64 66.7	51.4 77.0
130 29.5	26.5 39.7





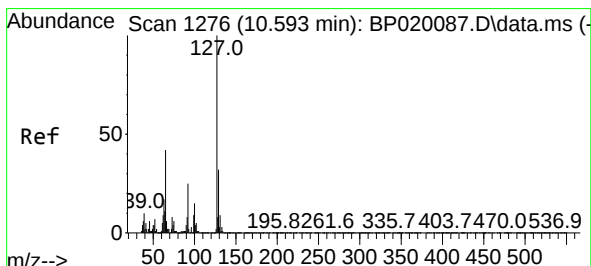
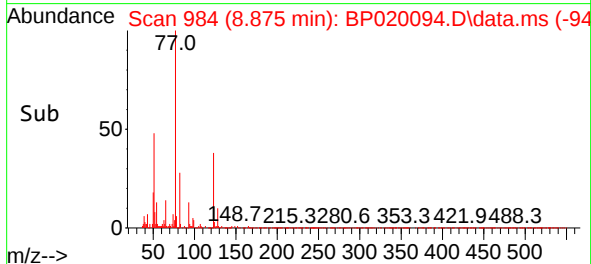
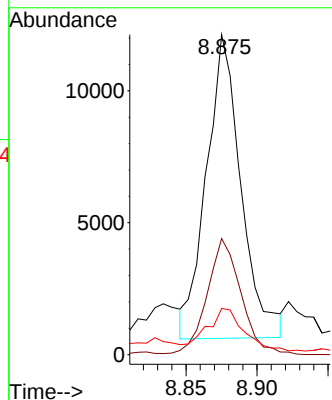
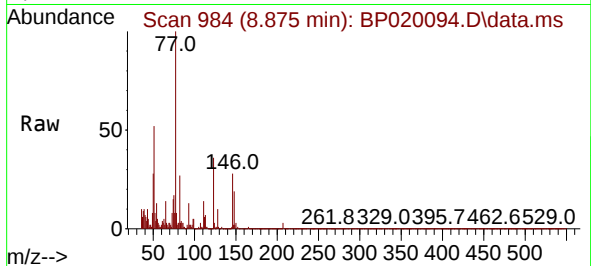
#22
Nitrobenzene
Concen: 1.277 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.035 min
Lab File: BP020094.D
Acq: 23 Apr 2024 04:20

Instrument :
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Tgt Ion: 77 Resp: 1948
Ion Ratio Lower Upper
77 100
123 36.3 28.5 42.7
65 14.4 11.7 17.5

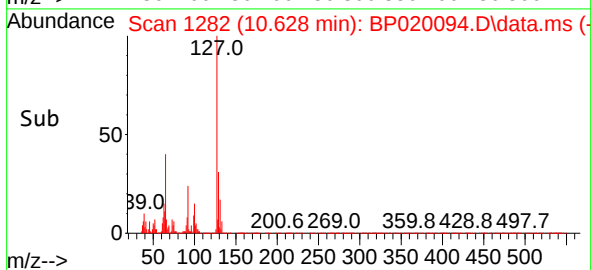
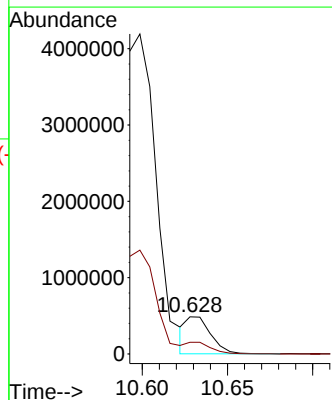
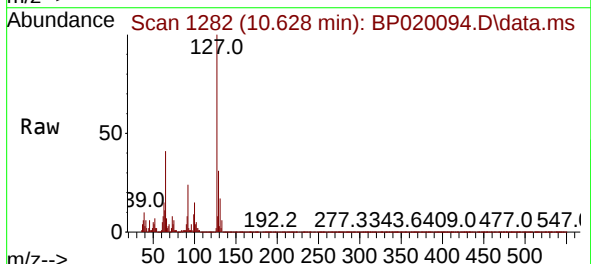
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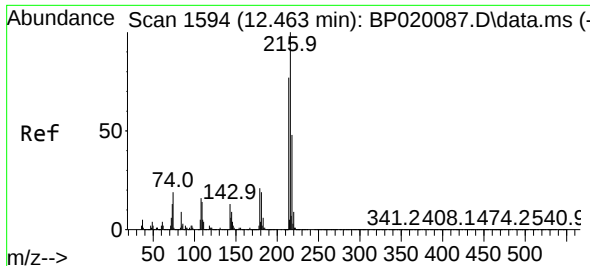
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 05/02/2024



#32
4-Chloroaniline
Concen: 36.672 ng/ul
RT: 10.628 min Scan# 1282
Delta R.T. 0.035 min
Lab File: BP020094.D
Acq: 23 Apr 2024 04:20

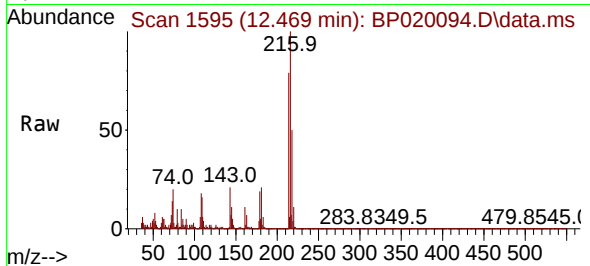
Tgt Ion:127 Resp: 487668
Ion Ratio Lower Upper
127 100
129 31.3 25.9 38.9





#39
1,2,4,5-Tetrachlorobenzene
Concen: 7.965 ng/ul
RT: 12.469 min Scan# 1594
Delta R.T. 0.012 min
Lab File: BP020094.D
Acq: 23 Apr 2024 04:20

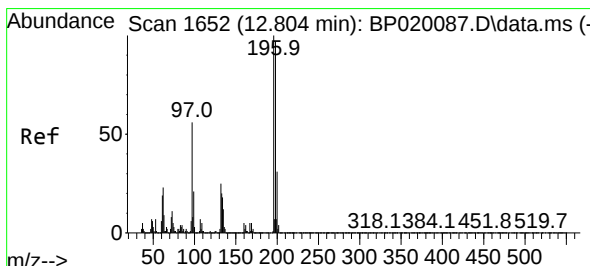
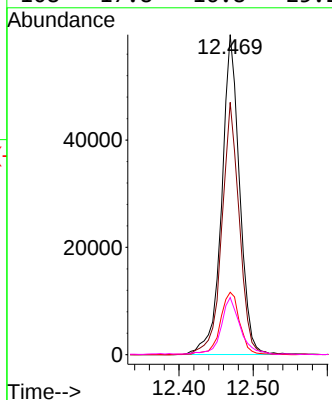
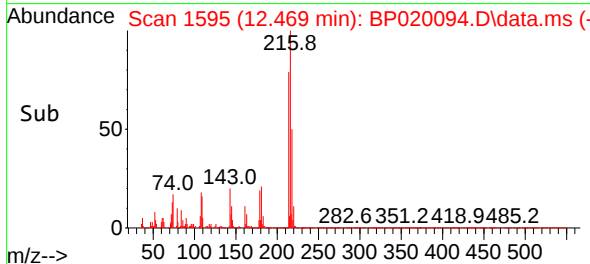
Instrument :
BNA_P
ClientSampleId :
CORE5



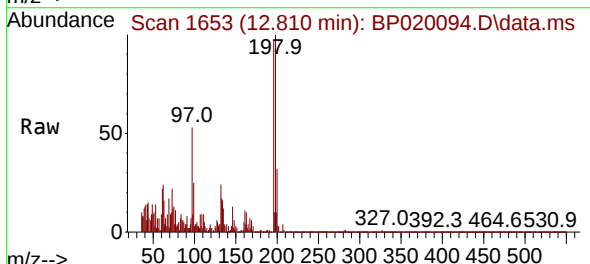
Tgt Ion:216 Resp: 9989
Ion Ratio Lower Upper
216 100
214 78.9 64.2 96.2
179 19.5 17.3 25.9
108 17.8 16.8 25.2

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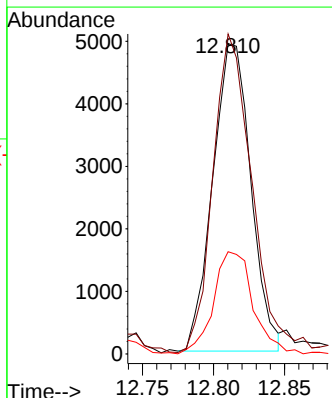
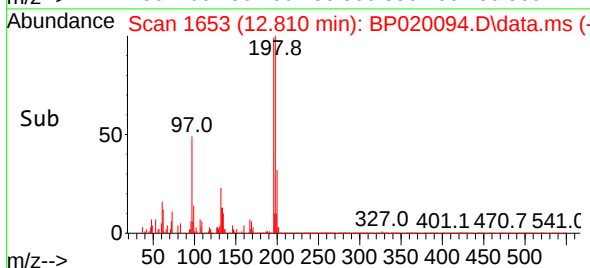
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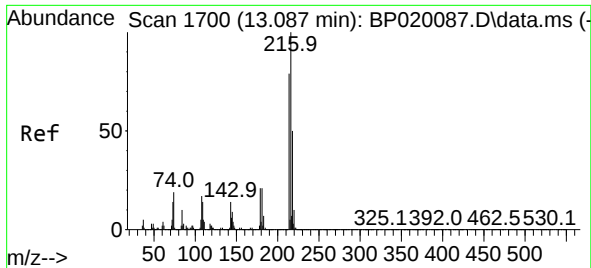


#42
2,4,5-Trichlorophenol
Concen: 1.176 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP020094.D
Acq: 23 Apr 2024 04:20



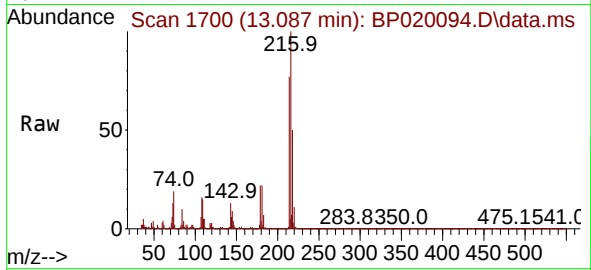
Tgt Ion:196 Resp: 9189
Ion Ratio Lower Upper
196 100
198 103.1 77.5 116.3
200 32.9 24.5 36.7





#75
1,2,3,4-Tetrachlorobenzene
Concen: 12.854 ng/uL
RT: 13.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020094.D
Acq: 23 Apr 2024 04:20

Instrument :
BNA_P
ClientSampleId :
C0RE5



Tgt Ion:216 Resp: 138860
Ion Ratio Lower Upper
216 100
214 77.0 59.3 88.9
218 50.0 37.8 56.8

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