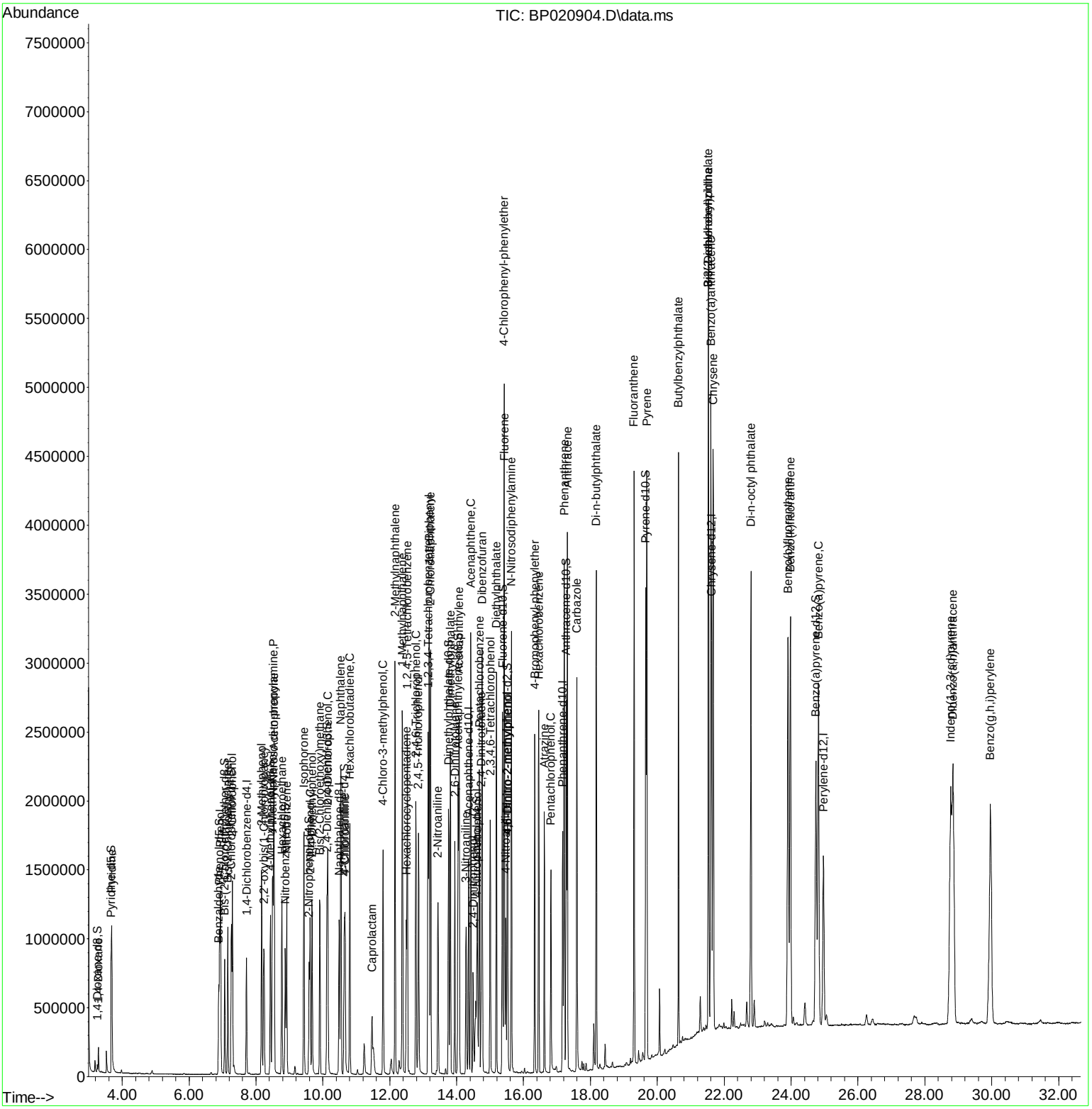
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020904.D
Acq On : 11 Jul 2024 15:12
Operator : MA/JU
Sample : P3088-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 23:22:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CC5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020904.D
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Manual IntegrationsAPPROVED

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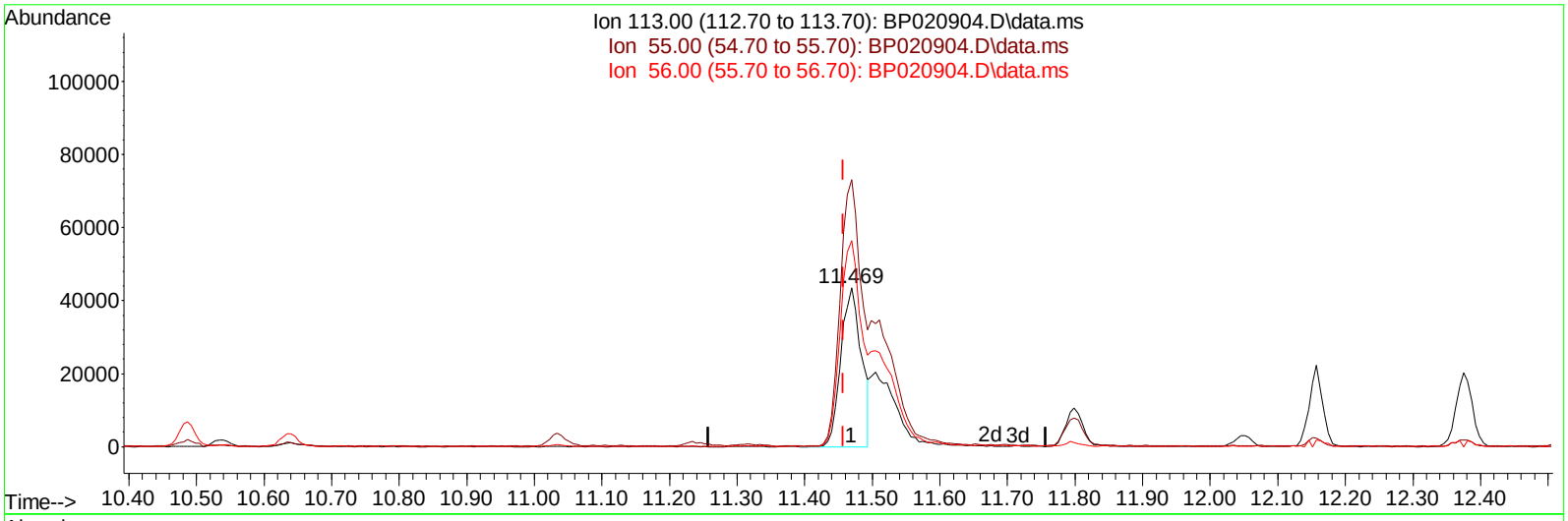

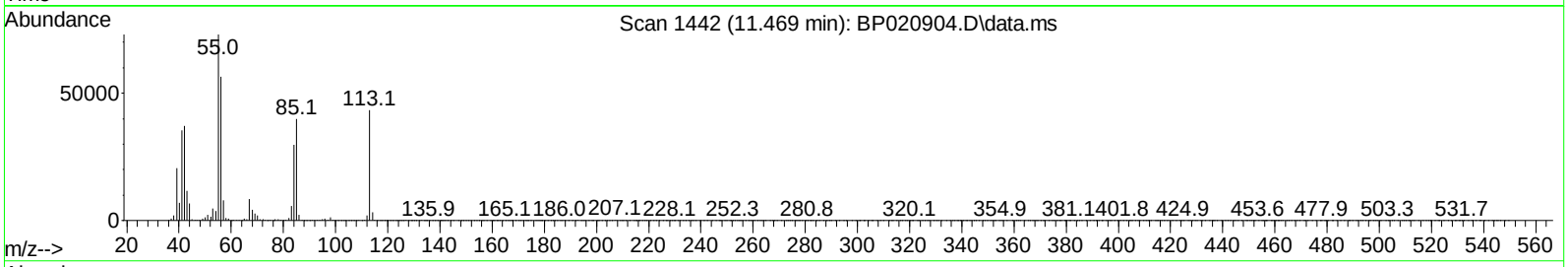

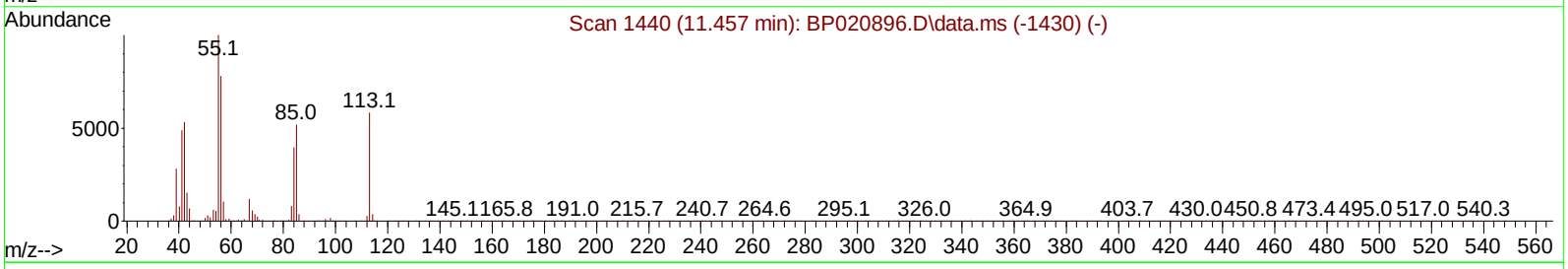

TIC: BP020904.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 20.42 ng/ul

response 91533

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	168.12
56.00	131.90	129.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
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Acq On : 11 Jul 2024 15:12
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BNA_P
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Manual IntegrationsAPPROVED

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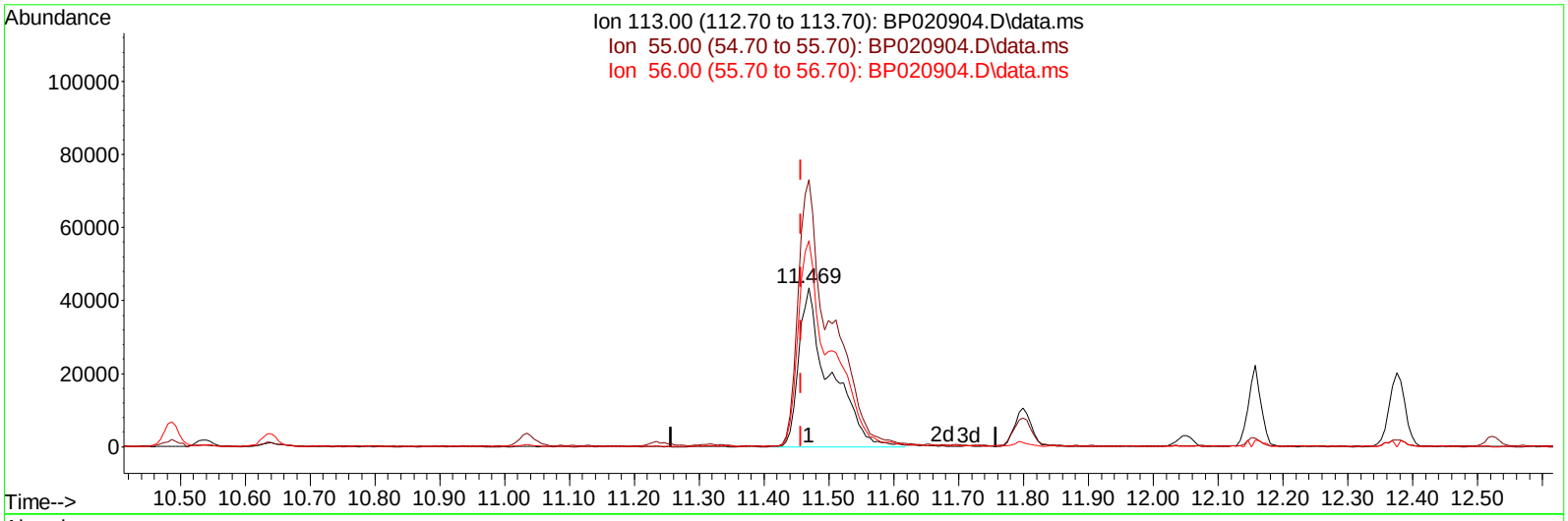

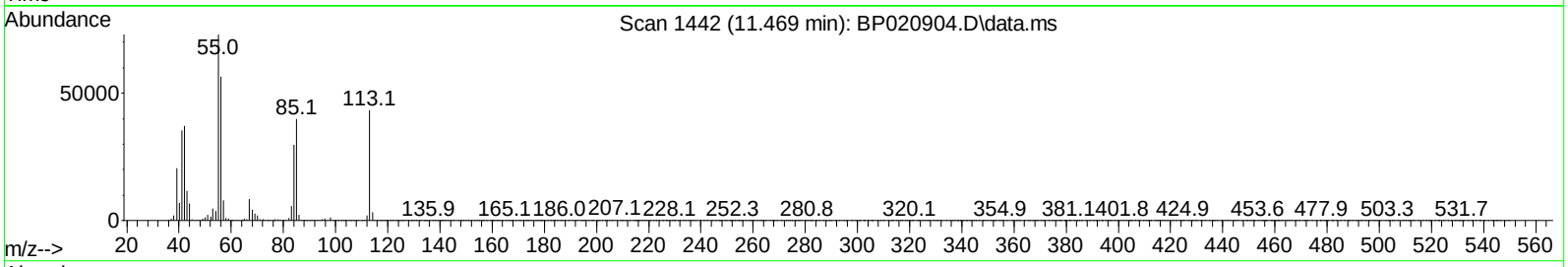

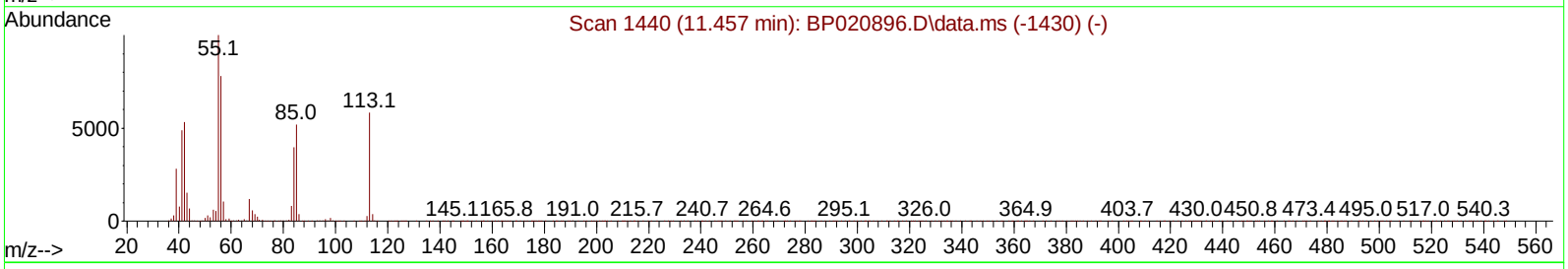

TIC: BP020904.D\data.ms

(34) Caprolactam

11.469min (+ 0.012) 32.46 ng/ul m

response 145504

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	168.12
56.00	131.90	129.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020904.D
Acq On : 11 Jul 2024 15:12
Operator : MA/JU
Sample : P3088-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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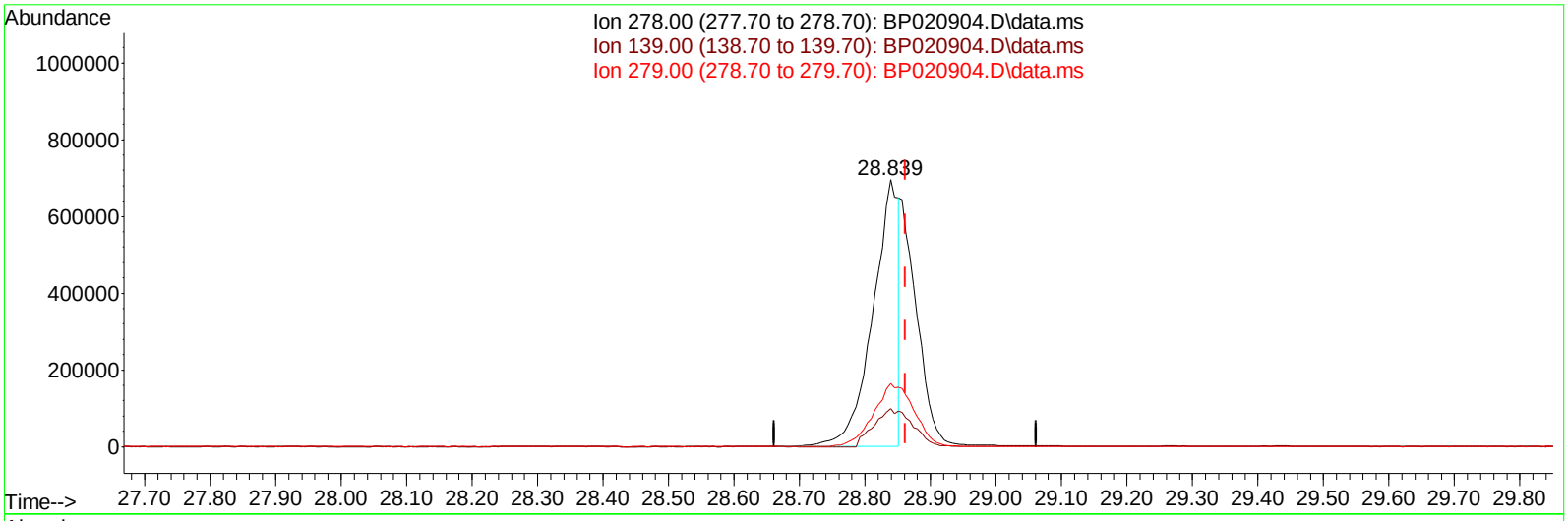

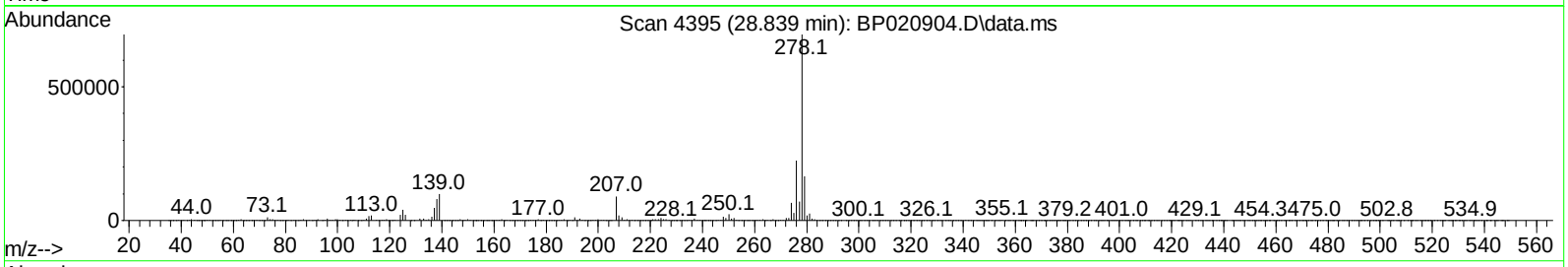

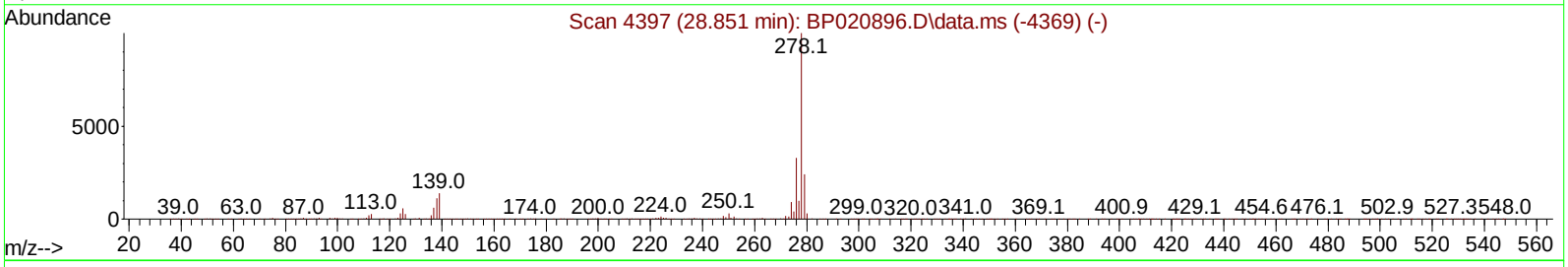

TIC: BP020904.D\data.ms

(95) Dibenzo(a,h)anthracene

28.839min (-0.023) 24.04 ng/ul

response 1879416

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.24
279.00	24.20	23.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
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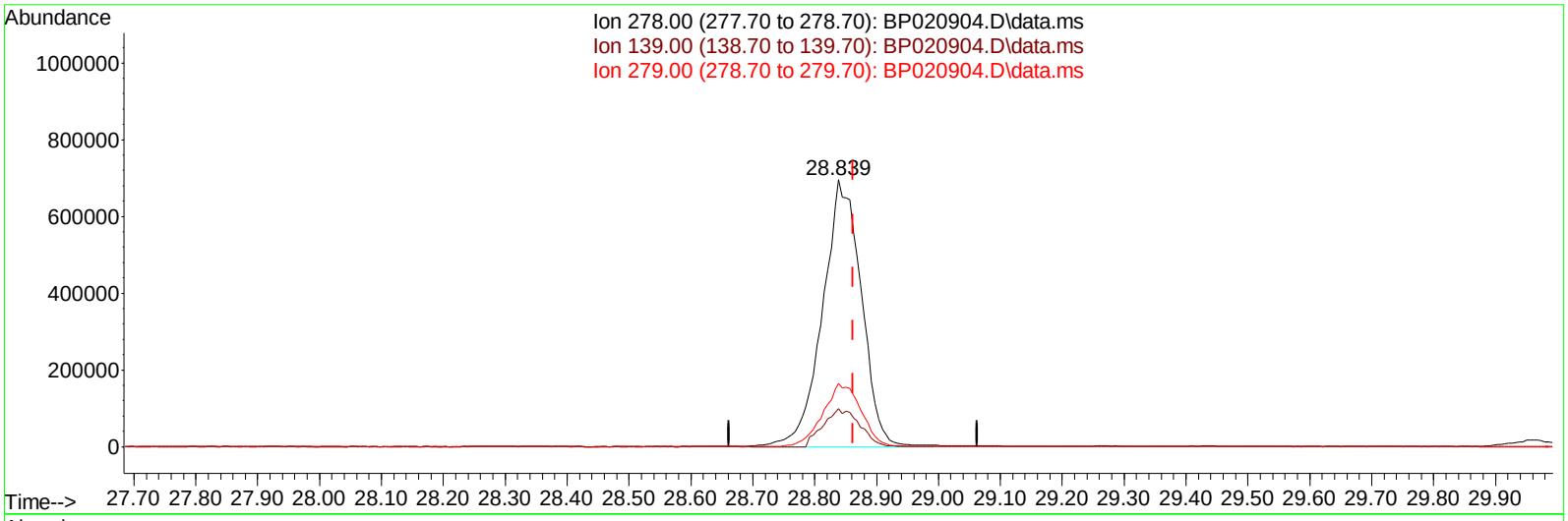
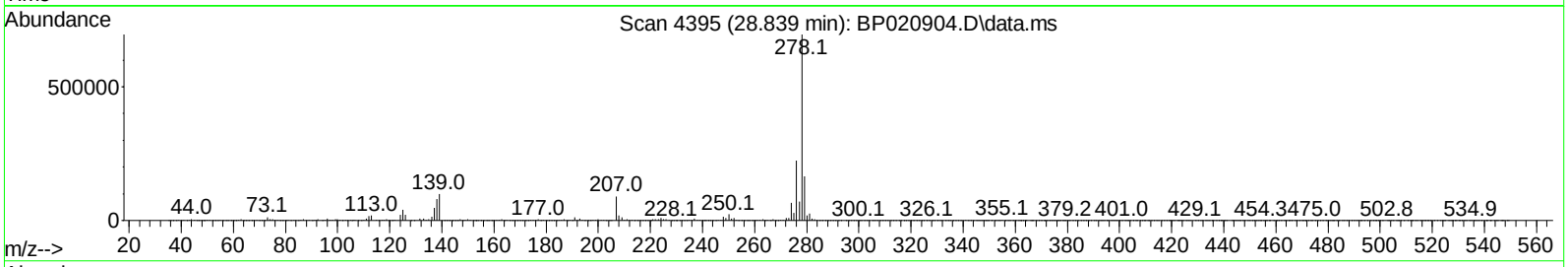
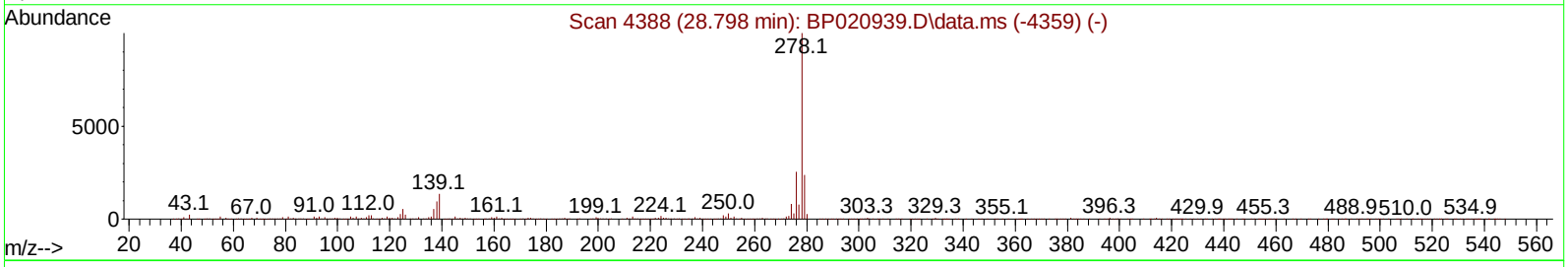
Instrument :
BNA_P
ClientSampleId :
A4CC5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024







TIC: BP020904.D\data.ms

(95) Dibenzo(a,h)anthracene

28.839min (-0.023) 38.73 ng/ul m

response 3028116

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.24
279.00	24.20	23.64
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BP020904.D
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Misc :
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Instrument :
BNA_P
ClientSampleId :
A4CC5MSD

Manual IntegrationsAPPROVED

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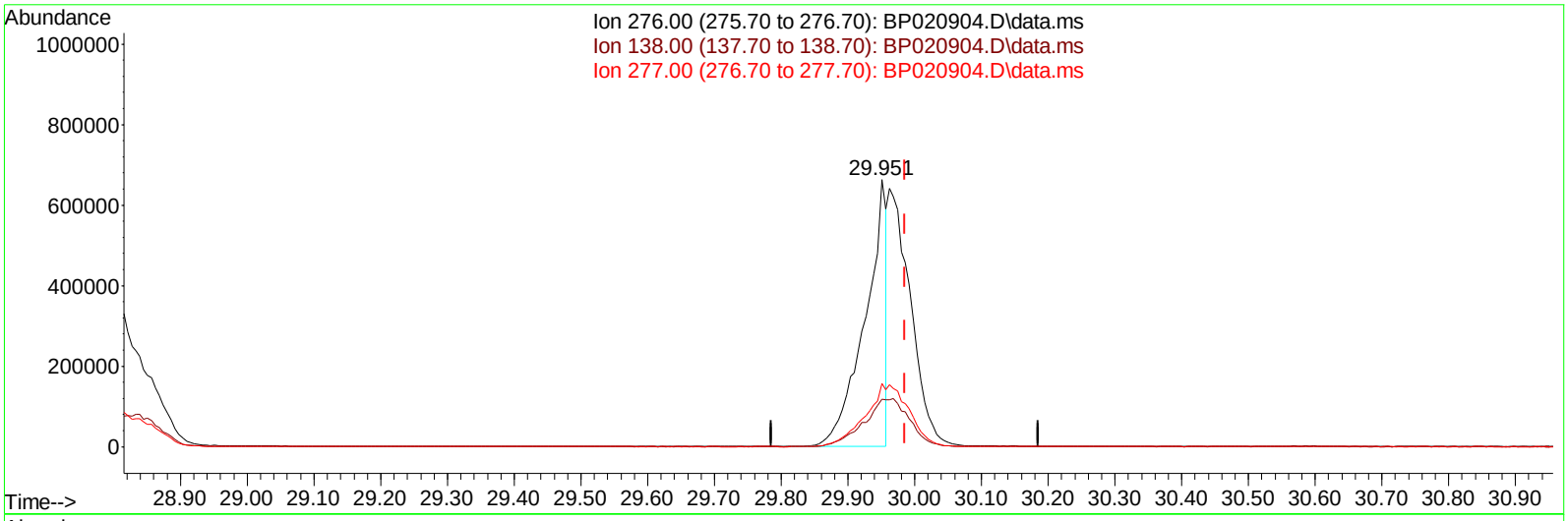

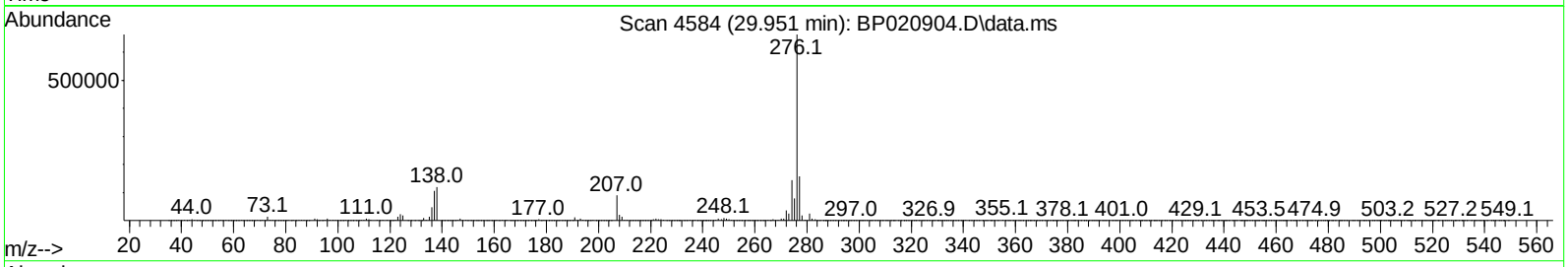

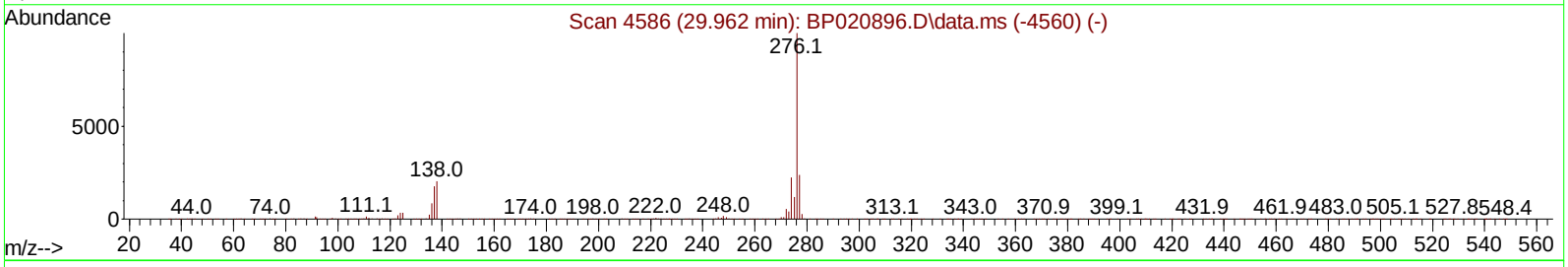

TIC: BP020904.D\data.ms

(96) Benzo(g,h,i)perylene

29.951min (-0.035) 19.11 ng/ul

response 1469716

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.91
277.00	22.70	23.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
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Acq On : 11 Jul 2024 15:12
Operator : MA/JU
Sample : P3088-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 23:04:20 2024
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QLast Update : Wed Jul 10 18:38:19 2024
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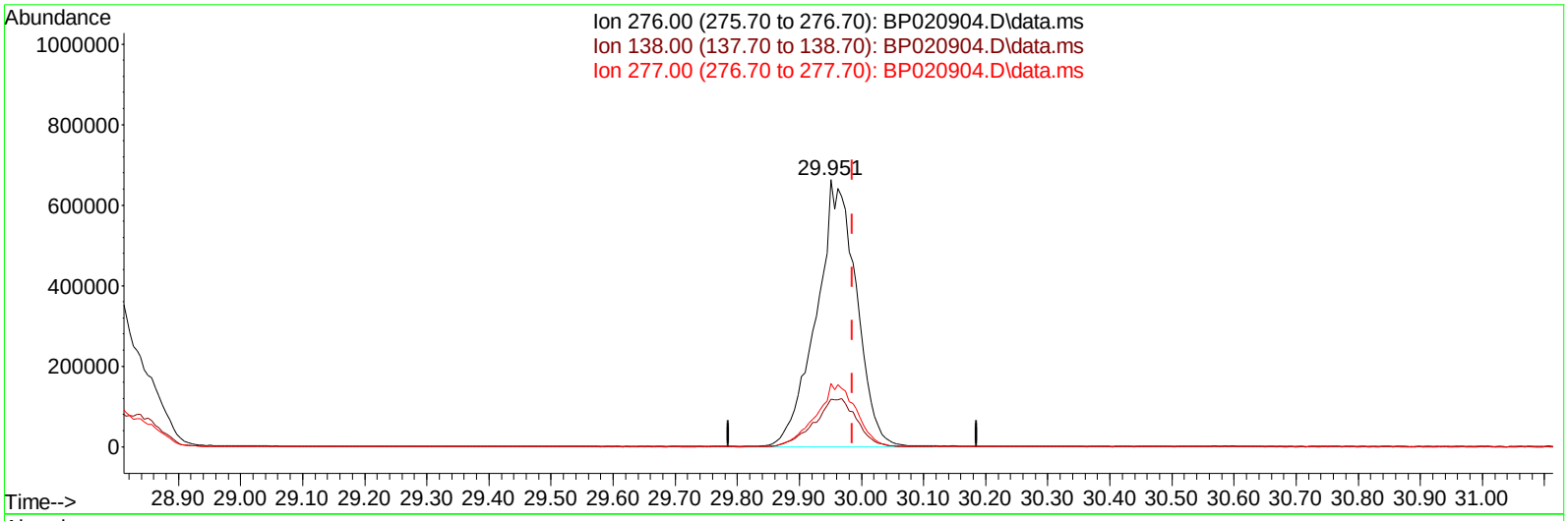
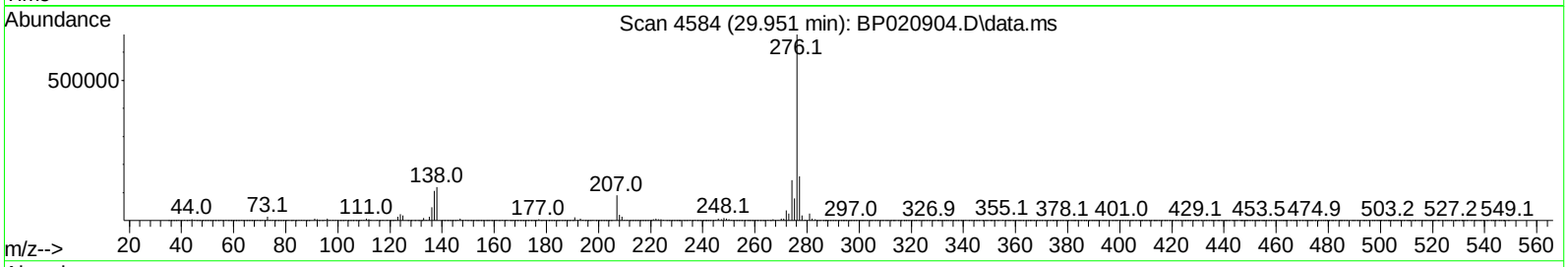
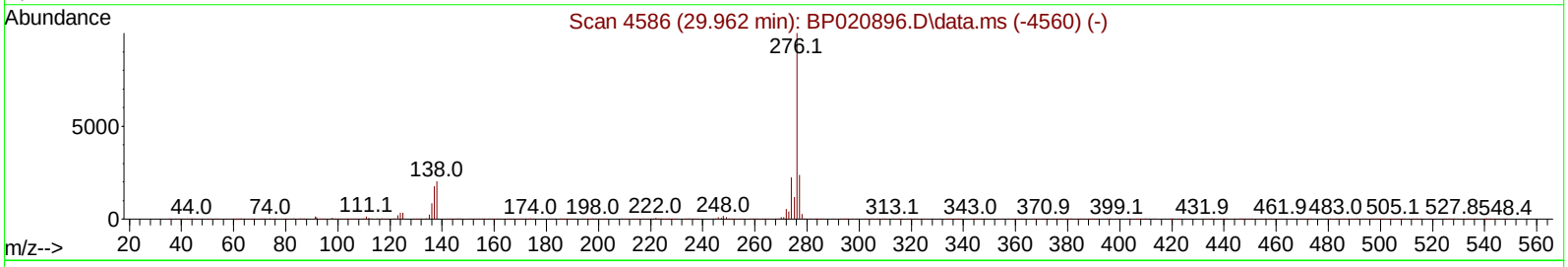
Instrument :
BNA_P
ClientSampleId :
A4CC5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024







TIC: BP020904.D\data.ms

(96) Benzo(g,h,i)perylene

29.951min (-0.035) 38.65 ng/ul m

response 2972501

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.91
277.00	22.70	23.80
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	226253	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	918529	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	573971	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1139399	20.000	ng/ul	-0.01
79) Chrysene-d12	21.622	240	1041367	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1277852	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	25185	5.065	ng/uL	0.00
4) Pyridine-d5	3.664	84	351500	24.420	ng/ul	0.00
7) Phenol-d5	6.911	99	562181	30.478	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	342953	30.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.264	132	470584	30.964	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	448659	29.286	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	229691	32.195	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	260571	31.911	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	474606	32.143	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	559097	28.583	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1367797	32.782	ng/ul	-0.01
49) Acenaphthylene-d8	14.040	160	1520306	32.450	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.604	143	195875	32.995	ng/ul	0.00
60) Fluorene-d10	15.369	176	1111716	32.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	213854	31.020	ng/ul	0.00
73) Anthracene-d10	17.275	188	1654721	32.698	ng/ul	0.00
81) Pyrene-d10	19.651	212	1876106	29.140	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.739	264	2085838	33.096	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	77762	14.221	ng/uL	96
5) Pyridine	3.687	79	471664	31.769	ng/ul	96
6) Benzaldehyde	6.881	77	221419	23.810	ng/ul	99
8) Phenol	6.940	94	721237	38.641	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.158	93	566004	36.708	ng/ul	99
12) 2-Chlorophenol	7.293	128	584917	38.400	ng/ul	99
13) 2-Methylphenol	8.169	108	525189	36.382	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	827355	37.140	ng/ul	98
16) Acetophenone	8.540	105	864035	36.542	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	444576	35.884	ng/ul	99
18) 4-Methylphenol	8.493	108	580381	37.529	ng/ul	96
19) Hexachloroethane	8.775	117	252022	36.819	ng/ul	98
22) Nitrobenzene	8.916	77	652710	38.192	ng/ul	99
23) Isophorone	9.434	82	1244645	36.634	ng/ul	99
25) 2-Nitrophenol	9.616	139	342766	40.248	ng/ul	98
26) 2,4-Dimethylphenol	9.675	107	439177	26.152	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.905	93	771850	37.374	ng/ul	100
29) 2,4-Dichlorophenol	10.146	162	573036	39.379	ng/ul	98
30) Naphthalene	10.534	128	1808878	37.439	ng/ul	99
32) 4-Chloroaniline	10.663	127	548961	29.390	ng/ul	99
33) Hexachlorobutadiene	10.805	225	414360	37.976	ng/ul	100
34) Caprolactam	11.469	113	145504m	32.459	ng/ul	
35) 4-Chloro-3-methylphenol	11.799	107	606557	38.347	ng/ul	100

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : P3088-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 11 23:22:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CC5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	1241710	37.440	ng/ul	99
37) 1-Methylnaphthalene	12.375	142	1290668	37.838	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	751255	40.303	ng/ul	97
40) Hexachlorocyclopentadiene	12.493	237	306136	31.395	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	468383	39.766	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	495122	39.731	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	1650812	39.355	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	1290153	38.527	ng/ul	99
45) 2-Nitroaniline	13.440	65	384860	41.559	ng/ul	97
47) Dimethylphthalate	13.810	163	1639744	38.731	ng/ul	100
48) 2,6-Dinitrotoluene	13.946	165	344066	40.649	ng/ul	96
50) Acenaphthylene	14.075	152	2010219	37.896	ng/ul	99
51) 3-Nitroaniline	14.281	138	315996	42.902	ng/ul	96
52) Acenaphthene	14.422	153	1305300	37.074	ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	185409	41.711	ng/ul	100
55) 4-Nitrophenol	14.622	109	207923	43.057	ng/ul	93
56) Dibenzofuran	14.763	168	1845113	38.270	ng/ul	99
57) 2,4-Dinitrotoluene	14.740	165	475653	40.937	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.004	232	398329	37.327	ng/ul	96
59) Diethylphthalate	15.187	149	1618963	38.264	ng/ul	100
61) Fluorene	15.428	166	1484189	37.724	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	795426	37.258	ng/ul	97
63) 4-Nitroaniline	15.469	138	301490	49.427	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	286421	39.178	ng/ul	93
67) N-Nitrosodiphenylamine	15.640	169	1304149	39.306	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	518193	38.801	ng/ul	98
69) Hexachlorobenzene	16.457	284	588214	38.413	ng/ul	94
70) Atrazine	16.622	200	315031	26.052	ng/ul	99
71) Pentachlorophenol	16.816	266	308174	37.054	ng/ul	98
72) Phenanthrene	17.216	178	2342424	39.630	ng/ul	99
74) Anthracene	17.310	178	2253627	37.400	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.146	216	774347	42.461	ng/uL	100
76) Pentachlorobenzene	14.681	250	636923	35.148	ng/uL	99
77) Carbazole	17.592	167	2027081	41.152	ng/ul	100
78) Di-n-butylphthalate	18.175	149	2715449	39.956	ng/ul	100
80) Fluoranthene	19.304	202	2755094	35.435	ng/ul	98
82) Pyrene	19.686	202	2805752	35.463	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1202770	36.487	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.527	252	864890	36.346	ng/ul	100
85) Benzo(a)anthracene	21.604	228	2796766	38.339	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1702493	35.888	ng/ul	99
87) Chrysene	21.669	228	2698907	39.816	ng/ul	99
89) Di-n-octyl phthalate	22.798	149	3106154	36.796	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	3018339	38.923	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	2982540	38.539	ng/ul	99
93) Benzo(a)pyrene	24.816	252	2556908	34.892	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	3749630	39.709	ng/ul	99
95) Dibenzo(a,h)anthracene	28.839	278	3028116m	38.725	ng/ul	
96) Benzo(g,h,i)perylene	29.951	276	2972501m	38.652	ng/ul	

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