Quantitation Report (Qedit)

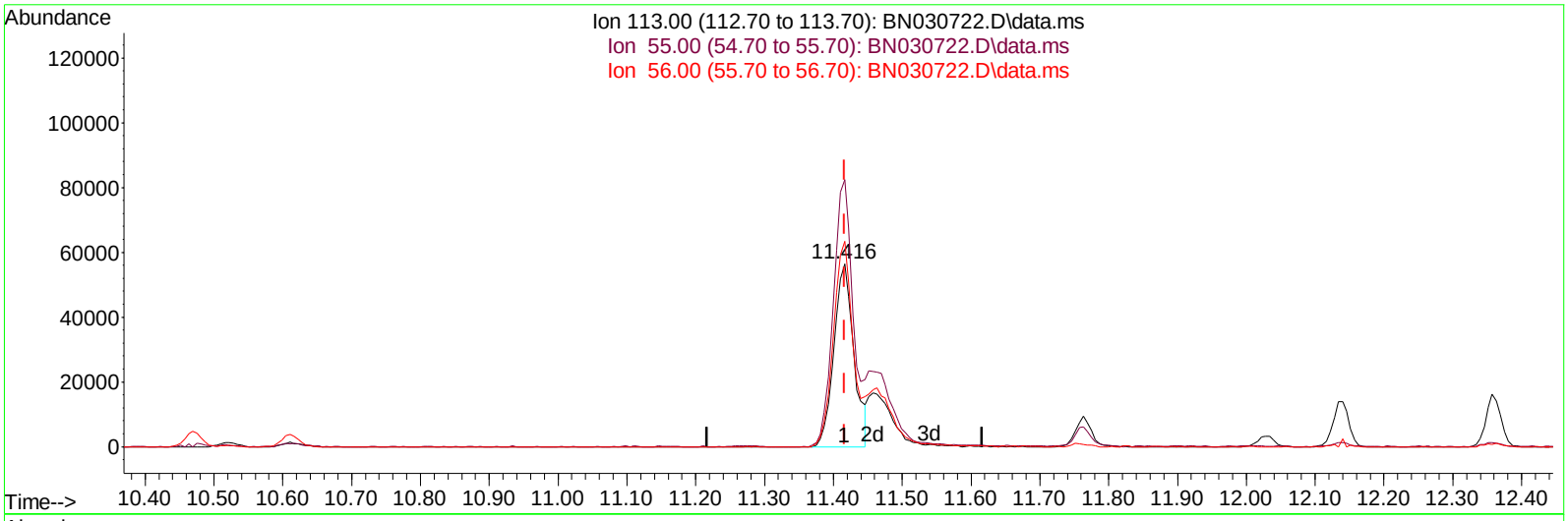
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030722.D
Acq On : 07 Apr 2024 00:20
Operator : MA/JU
Sample : PB159987BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

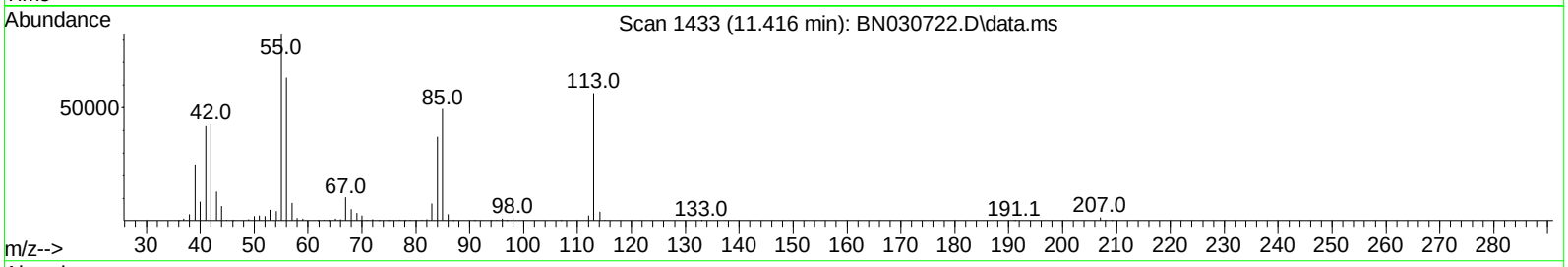
Quant Time: Apr 07 13:22:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

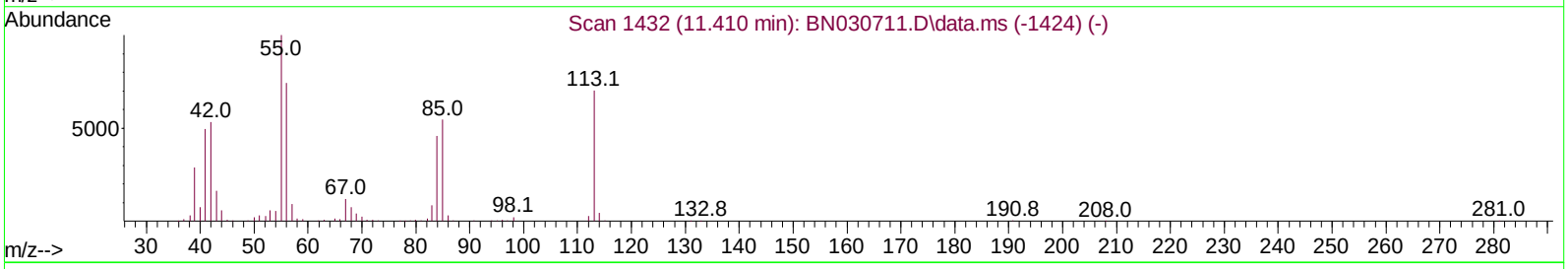
Instrument :
BNA_N
ClientSampleId :
SLCS987

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024







TIC: BN030722.D\data.ms

(34) Caprolactam

11.416min (-0.000) 28.76 ng/ul

response 112236

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	145.87
56.00	113.20	112.14
0.00	0.00	0.00

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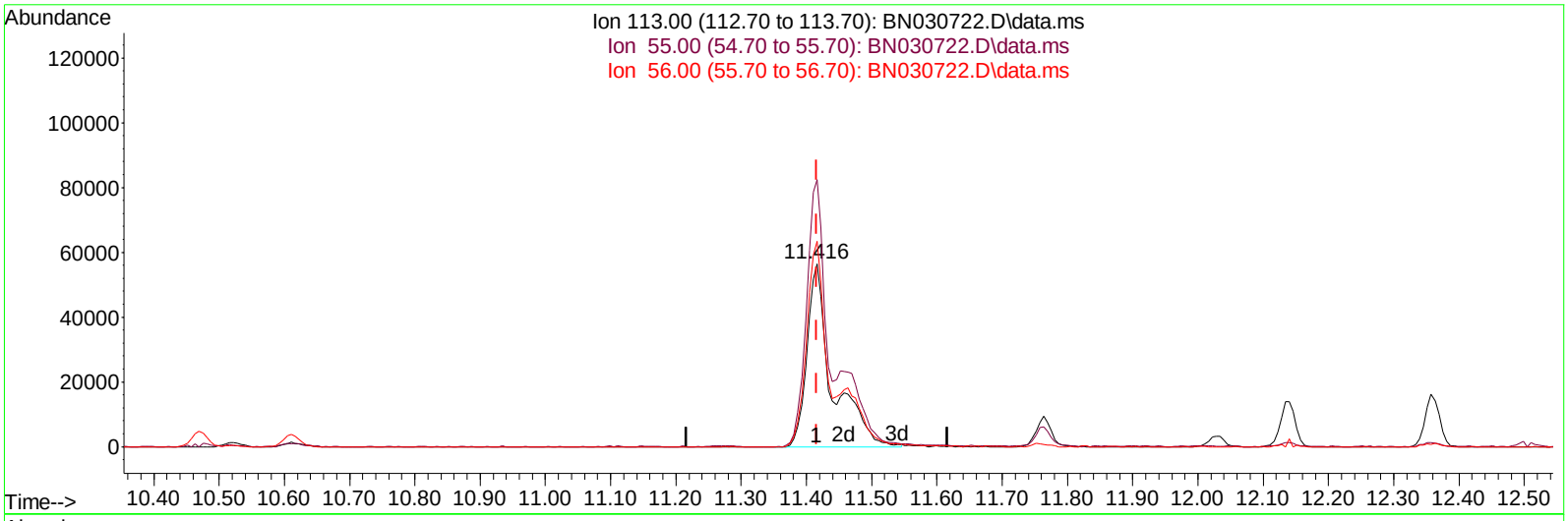

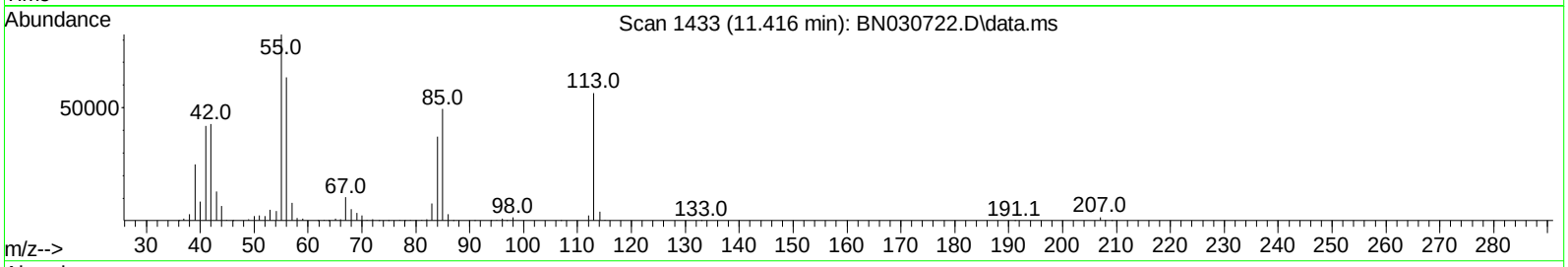

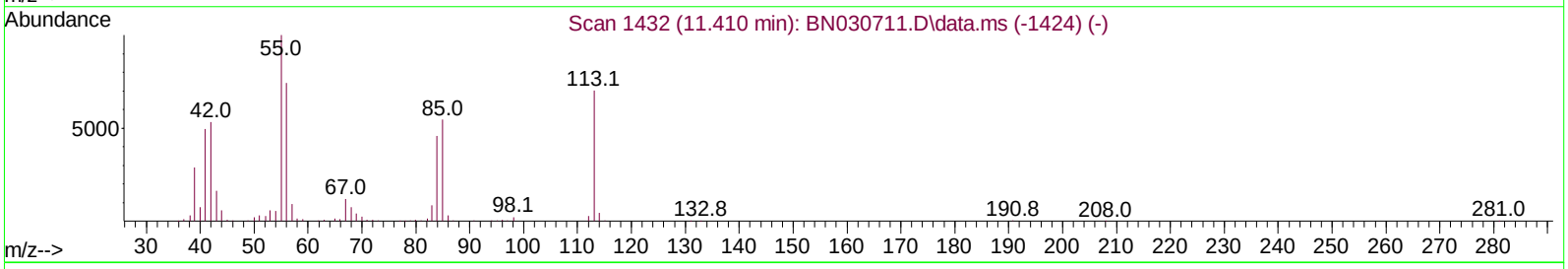

TIC: BN030722.D\data.ms

(34) Caprolactam

11.416min (-0.000) 39.17 ng/ul m

response 152861

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	145.87
56.00	113.20	112.14
0.00	0.00	0.00

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Misc :
ALS Vial : 59 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS987

Manual IntegrationsAPPROVED

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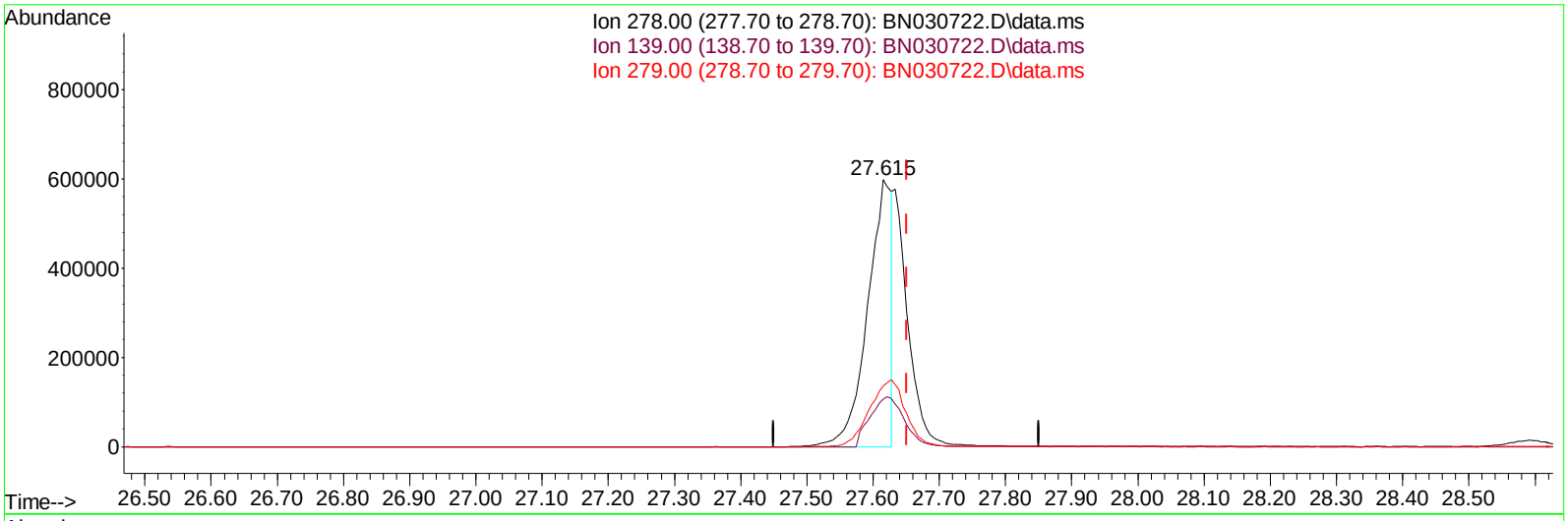

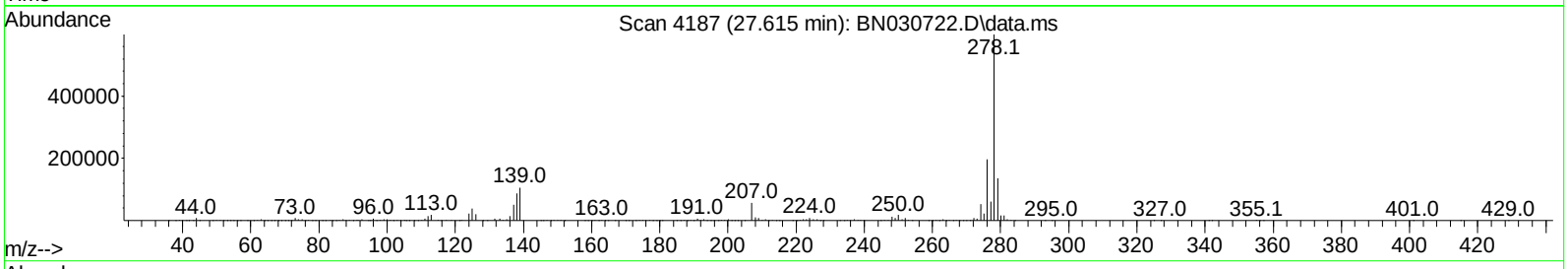

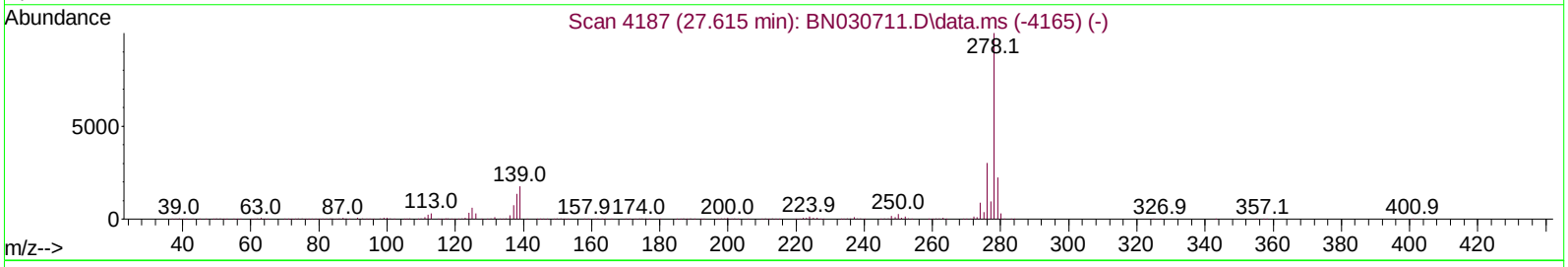

TIC: BN030722.D\data.ms

(95) Dibenzo(a,h)anthracene

27.615min (-0.035) 23.54 ng/ul

response 1495771

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	17.80
279.00	21.80	22.72
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB159987BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Apr 07 13:22:26 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS987

Manual IntegrationsAPPROVED

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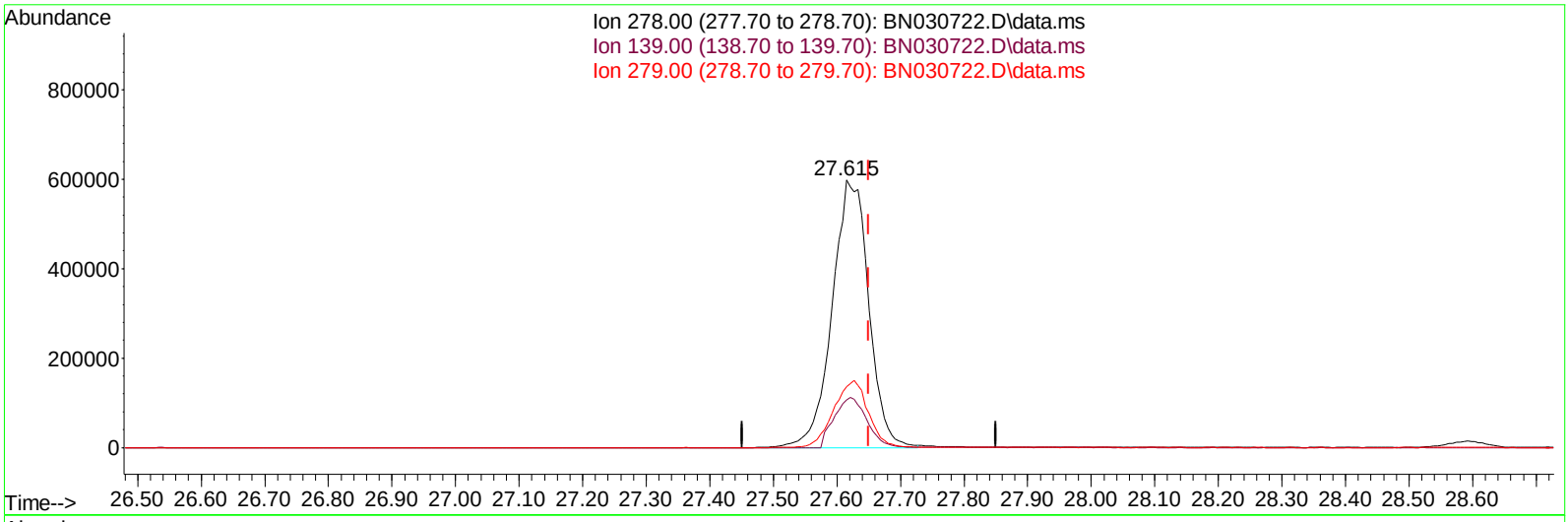
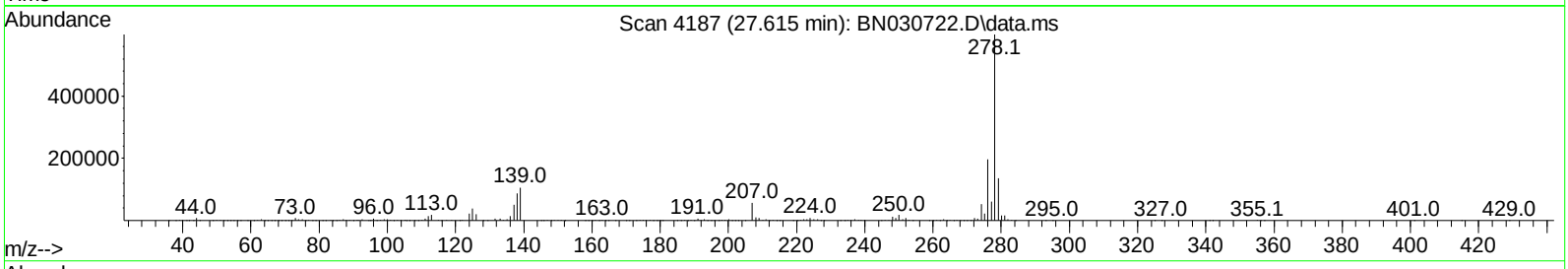
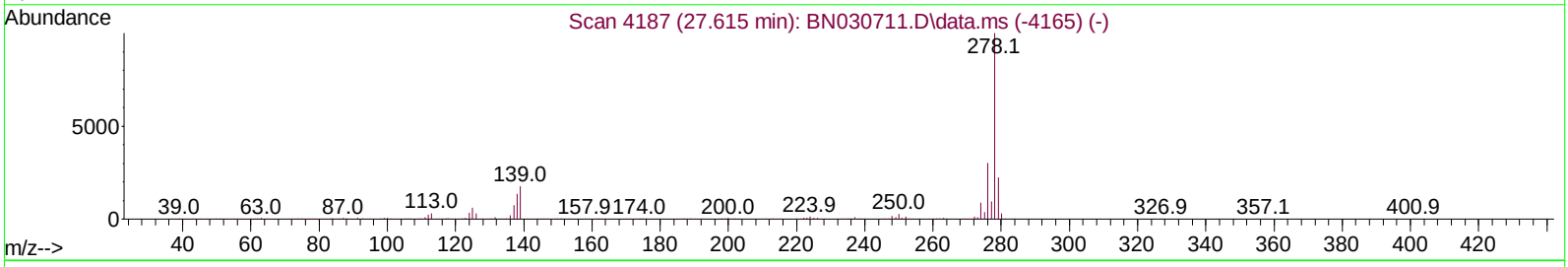
Supervised By :mohammad ahmed 04/08/2024







TIC: BN030722.D\data.ms

(95) Dibenzo(a,h)anthracene

27.615min (-0.035) 37.53 ng/ul m

response 2384720

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	17.80
279.00	21.80	22.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 07 Apr 2024 00:20
Operator : MA/JU
Sample : PB159987BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Apr 07 13:25:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	153003	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.469	136	736621	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.328	164	527066	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.081	188	1169334	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1143342	20.000	ng/ul	-0.01
88) Perylene-d12	24.257	264	1256123	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	23424	7.178	ng/uL	-0.01
4) Pyridine-d5	3.593	84	338220	34.567	ng/ul	0.00
7) Phenol-d5	6.858	99	476285	38.481	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	274800	35.946	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	375316	39.972	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	398387	38.405	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	198529	38.852	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	213042	45.574	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	413700	40.425	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	606916	36.023	ng/ul	-0.01
46) Dimethylphthalate-d6	13.746	166	1362769	38.726	ng/ul	-0.01
49) Acenaphthylene-d8	14.022	160	1525161	37.695	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.540	143	281810	41.867	ng/ul	0.00
60) Fluorene-d10	15.328	176	1152150	37.415	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	211274	40.934	ng/ul	0.00
73) Anthracene-d10	17.181	188	1808031	35.886	ng/ul	0.00
81) Pyrene-d10	19.481	212	2219950	36.114	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.057	264	2210085	38.184	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	44512	12.733	ng/uL	97
5) Pyridine	3.617	79	316395	32.046	ng/ul	99
6) Benzaldehyde	6.834	77	244019	42.335	ng/ul	99
8) Phenol	6.887	94	466424	36.174	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.122	93	374502	35.617	ng/ul	98
12) 2-Chlorophenol	7.252	128	375491	37.279	ng/ul	98
13) 2-Methylphenol	8.128	108	362517	36.486	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.211	45	496782	33.554	ng/ul	99
16) Acetophenone	8.511	105	591159	36.094	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.499	70	299476	36.305	ng/ul	96
18) 4-Methylphenol	8.458	108	406011	36.502	ng/ul	100
19) Hexachloroethane	8.758	117	152489	36.110	ng/ul	98
22) Nitrobenzene	8.887	77	440421	35.307	ng/ul	98
23) Isophorone	9.410	82	900009	36.179	ng/ul	99
25) 2-Nitrophenol	9.593	139	223323	40.649	ng/ul	96
26) 2,4-Dimethylphenol	9.652	107	383535	31.410	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.893	93	556998	35.216	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	388263	37.170	ng/ul	99
30) Naphthalene	10.522	128	1314928	34.805	ng/ul	100
32) 4-Chloroaniline	10.634	127	516602	31.816	ng/ul	98
33) Hexachlorobutadiene	10.799	225	231026	35.137	ng/ul	98
34) Caprolactam	11.416	113	152861m	39.172	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	465393	39.557	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	944701	35.806	ng/ul	98
37) 1-Methylnaphthalene	12.357	142	947895	35.391	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	476668	35.044	ng/ul	96
40) Hexachlorocyclopentadiene	12.487	237	234757	30.391	ng/ul	96
41) 2,4,6-Trichlorophenol	12.751	196	333964	39.291	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	371099	38.660	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	1254862	34.930	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	997704	35.279	ng/ul	100
45) 2-Nitroaniline	13.410	65	295095	39.210	ng/ul	98
47) Dimethylphthalate	13.798	163	1345650	37.018	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	275459	40.871	ng/ul	98
50) Acenaphthylene	14.051	152	1683901	36.020	ng/ul	99
51) 3-Nitroaniline	14.246	138	294670	41.192	ng/ul	98
52) Acenaphthene	14.393	153	1114754	35.783	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	126488	40.861	ng/ul	96
55) 4-Nitrophenol	14.557	109	209488	39.282	ng/ul	98
56) Dibenzofuran	14.734	168	1530898	35.352	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	415212	42.197	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.957	232	324412	40.693	ng/ul	98
59) Diethylphthalate	15.169	149	1386762	37.552	ng/ul	100
61) Fluorene	15.381	166	1241023	36.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	603551	35.740	ng/ul	98
63) 4-Nitroaniline	15.410	138	320451	46.077	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.463	198	218481	39.395	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	1108607	34.813	ng/ul	95
68) 4-Bromophenyl-phenylether	16.275	248	395221	35.594	ng/ul	94
69) Hexachlorobenzene	16.381	284	468159	35.806	ng/ul	99
70) Atrazine	16.551	200	345990	31.346	ng/ul	95
71) Pentachlorophenol	16.728	266	289727	37.583	ng/ul	96
72) Phenanthrene	17.122	178	2126129	35.390	ng/ul	99
74) Anthracene	17.216	178	2133621	35.131	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	485444	33.792	ng/uL	95
76) Pentachlorobenzene	14.645	250	494905	33.917	ng/uL	95
77) Carbazole	17.486	167	2050676	38.502	ng/ul	100
78) Di-n-butylphthalate	18.057	149	2540698	39.103	ng/ul	100
80) Fluoranthene	19.145	202	2587952	35.416	ng/ul	99
82) Pyrene	19.510	202	2675628	34.670	ng/ul	99
83) Butylbenzylphthalate	20.422	149	1242006	42.143	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.233	252	852784	40.592	ng/ul	97
85) Benzo(a)anthracene	21.298	228	2723256	35.689	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.233	149	1751642	40.303	ng/ul	99
87) Chrysene	21.363	228	2554730	35.472	ng/ul	98
89) Di-n-octyl phthalate	22.345	149	3221956	40.504	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2838528	38.398	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	2697102	35.925	ng/ul	98
93) Benzo(a)pyrene	24.121	252	2590036	37.089	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.562	276	2921651	38.704	ng/ul	99
95) Dibenzo(a,h)anthracene	27.615	278	2384720m	37.526	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276	2279063	38.457	ng/ul	97

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

Instrument :
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