Quantitation Report (Qedit)

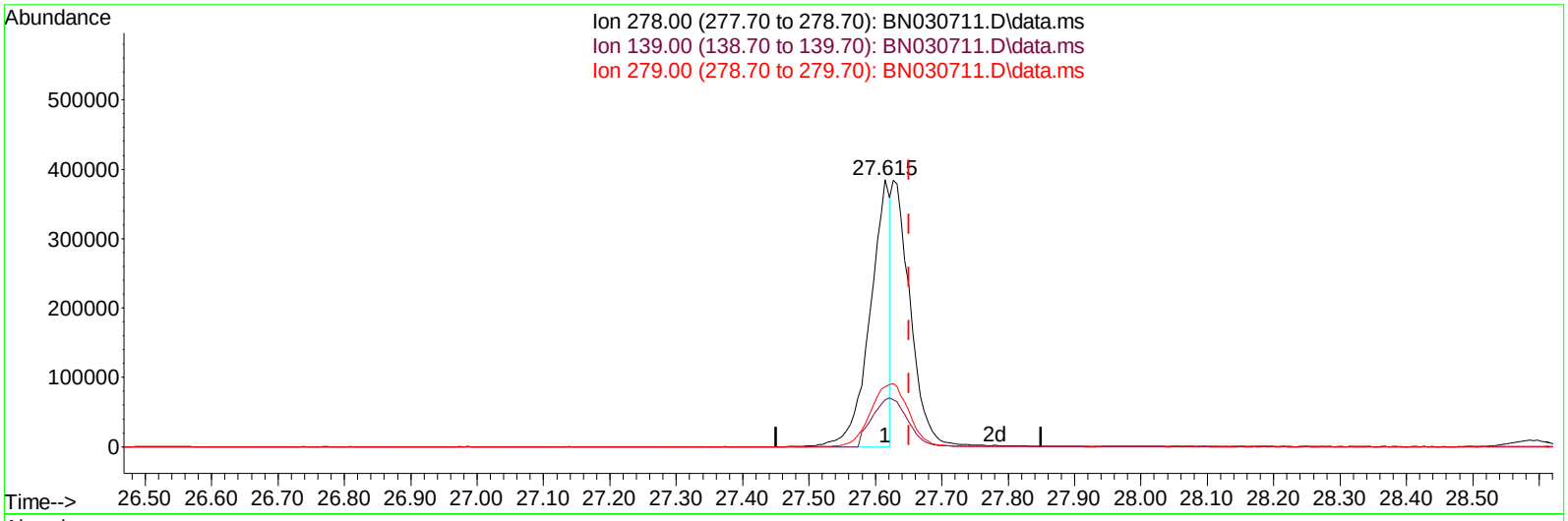
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030711.D
Acq On : 06 Apr 2024 17:10
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 48 Sample Multiplier: 1

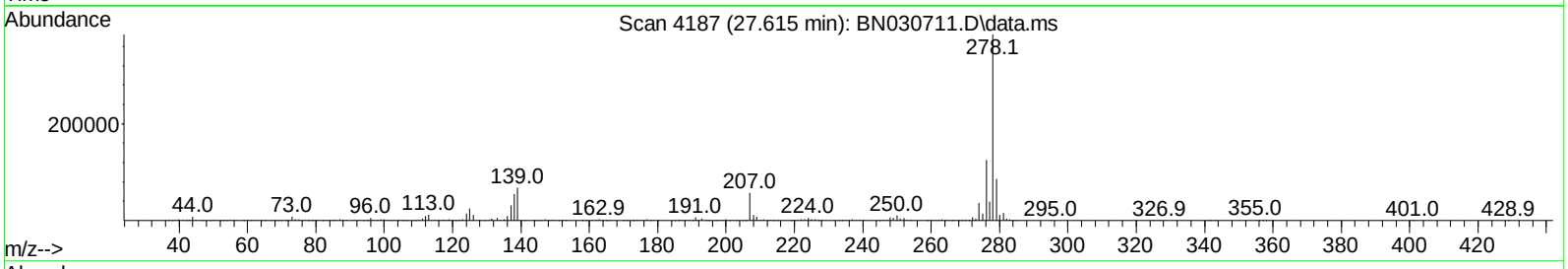
Quant Time: Apr 06 17:41:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

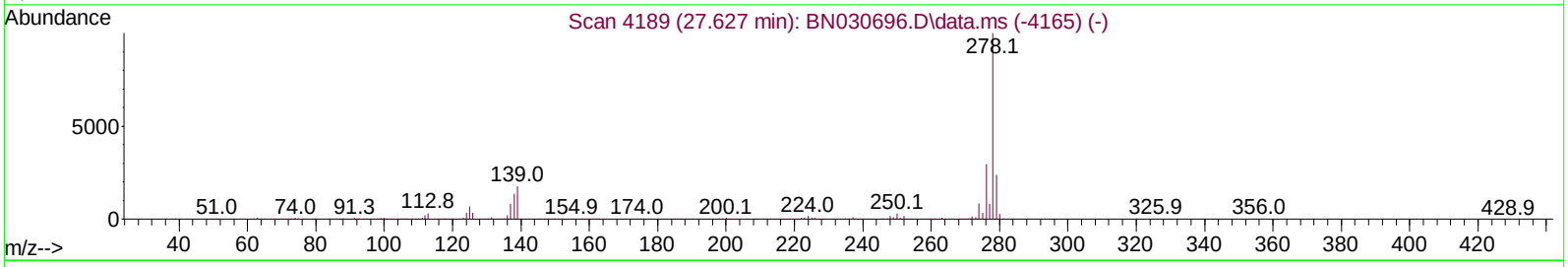
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN030711.D\data.ms

(95) Dibenzo(a,h)anthracene

27.615min (-0.036) 10.83 ng/ul

response 803085

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	17.64
279.00	21.80	22.45
0.00	0.00	0.00

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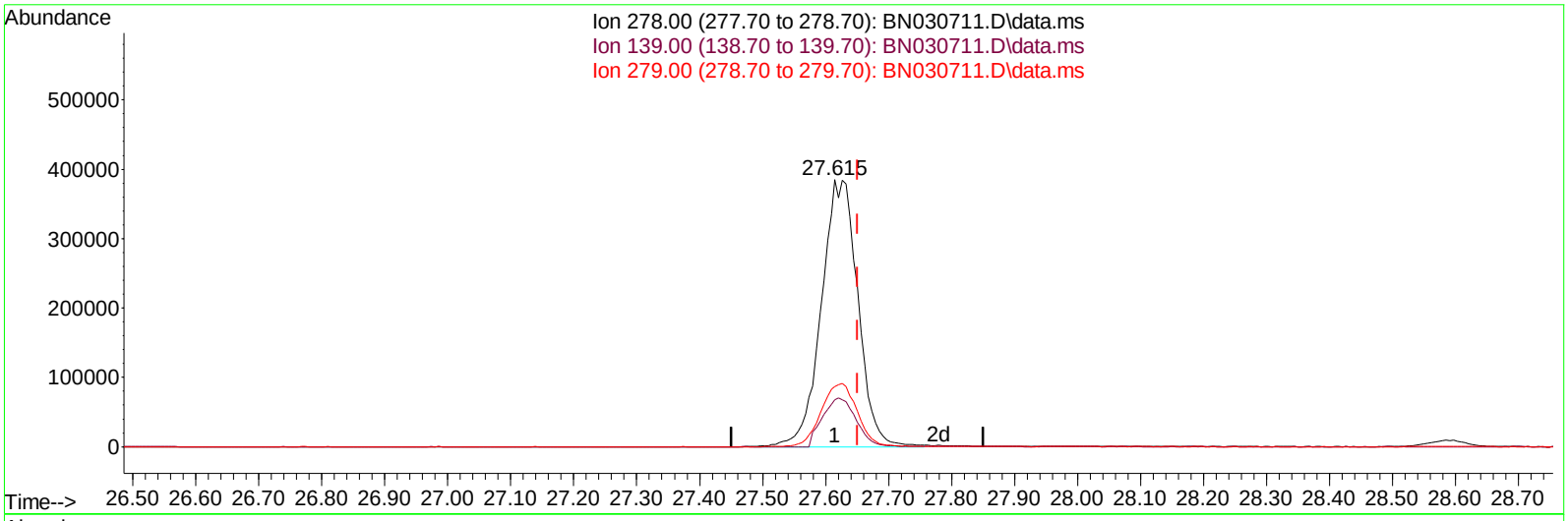

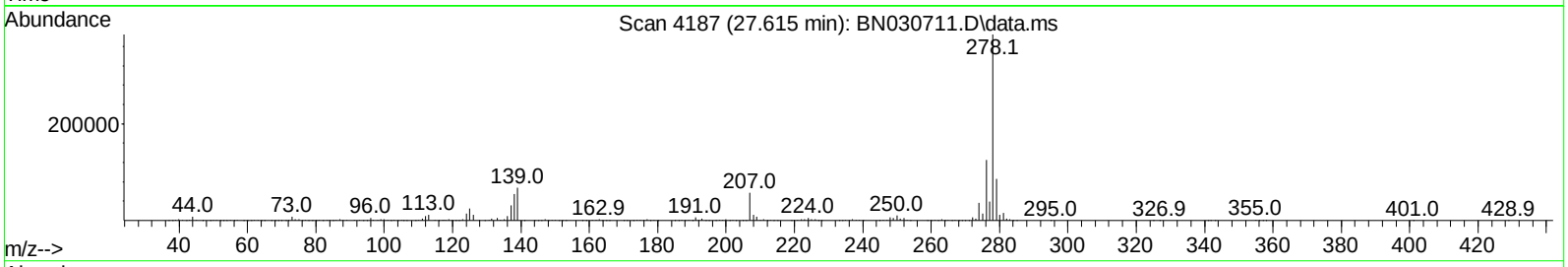

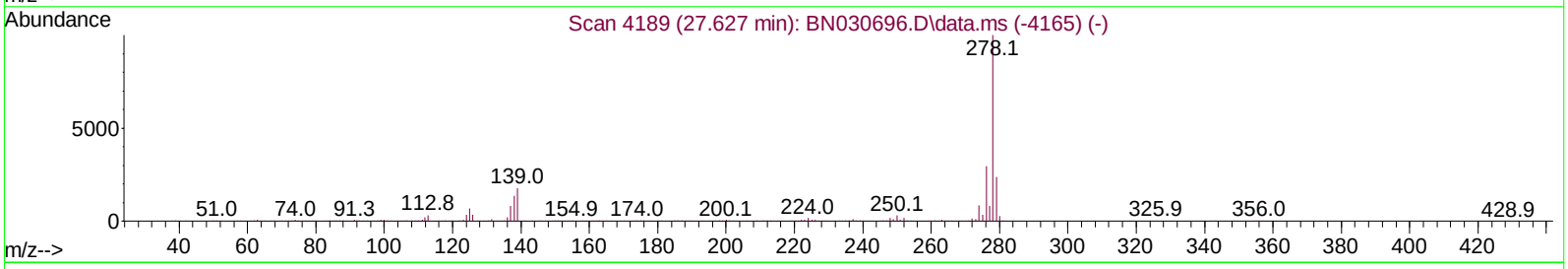

TIC: BN030711.D\data.ms

(95) Dibenzo(a,h)anthracene

27.615min (-0.036) 20.91 ng/ul m

response 1551032

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	17.64
279.00	21.80	22.45
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 07 12:51:11 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
LabSampleId :
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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	7.687	152	169522	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.469	136	815777	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.333	164	585802	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.080	188	1272246	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1273020	20.000	ng/ul	0.00
88) Perylene-d12	24.262	264	1466112	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	28382	7.850	ng/uL	0.00
4) Pyridine-d5	3.599	84	212102	19.565	ng/ul	0.00
7) Phenol-d5	6.857	99	277634	20.245	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	169414	20.001	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	224912	21.620	ng/ul	0.00
15) 4-Methylphenol-d8	8.392	113	240620	20.936	ng/ul	0.00
21) Nitrobenzene-d5	8.845	128	120272	21.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	126478	24.431	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	244454	21.569	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	378194	20.269	ng/ul	-0.01
46) Dimethylphthalate-d6	13.745	166	821435	21.002	ng/ul	-0.01
49) Acenaphthylene-d8	14.022	160	948891	21.101	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.539	143	163450	21.848	ng/ul	0.00
60) Fluorene-d10	15.327	176	714550	20.878	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	114828	20.448	ng/ul	0.00
73) Anthracene-d10	17.180	188	1147029	20.925	ng/ul	0.00
81) Pyrene-d10	19.480	212	1357711	19.837	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.062	264	1396673	20.675	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	30319	7.828	ng/uL	91
5) Pyridine	3.616	79	211847	19.366	ng/ul	97
6) Benzaldehyde	6.840	77	163386	25.584	ng/ul	99
8) Phenol	6.887	94	288911	20.223	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.122	93	241716	20.749	ng/ul	96
12) 2-Chlorophenol	7.251	128	236858	21.224	ng/ul	96
13) 2-Methylphenol	8.128	108	229350	20.834	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	314909	19.197	ng/ul	98
16) Acetophenone	8.510	105	384468	21.187	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.492	70	195182	21.356	ng/ul	96
18) 4-Methylphenol	8.457	108	253682	20.585	ng/ul	97
19) Hexachloroethane	8.757	117	97952	20.935	ng/ul	97
22) Nitrobenzene	8.887	77	277566	20.093	ng/ul	100
23) Isophorone	9.410	82	577112	20.948	ng/ul	99
25) 2-Nitrophenol	9.592	139	140223	23.047	ng/ul	96
26) 2,4-Dimethylphenol	9.651	107	281950	20.850	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.892	93	351790	20.084	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	246467	21.306	ng/ul	98
30) Naphthalene	10.522	128	846458	20.231	ng/ul	100
32) 4-Chloroaniline	10.634	127	364937	20.295	ng/ul	99
33) Hexachlorobutadiene	10.804	225	148817	20.438	ng/ul	96
34) Caprolactam	11.410	113	93800	21.705	ng/ul	91
35) 4-Chloro-3-methylphenol	11.763	107	286950	22.023	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.139	142	603677	20.660	ng/ul	100
37) 1-Methylnaphthalene	12.357	142	610922	20.596	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	306029	20.243	ng/ul	100
40) Hexachlorocyclopentadiene	12.486	237	168413	19.616	ng/ul	95
41) 2,4,6-Trichlorophenol	12.751	196	212637	22.508	ng/ul	96
42) 2,4,5-Trichlorophenol	12.822	196	232299	21.774	ng/ul	96
43) 1,1'-Biphenyl	13.163	154	808923	20.259	ng/ul	97
44) 2-Chloronaphthalene	13.198	162	638681	20.320	ng/ul	98
45) 2-Nitroaniline	13.410	65	180229	21.546	ng/ul	98
47) Dimethylphthalate	13.792	163	847705	20.982	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	167201	22.321	ng/ul	98
50) Acenaphthylene	14.051	152	1091231	21.002	ng/ul	99
51) 3-Nitroaniline	14.239	138	179114	22.528	ng/ul	99
52) Acenaphthene	14.398	153	710374	20.516	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	67772	19.698	ng/ul	92
55) 4-Nitrophenol	14.551	109	125757	21.217	ng/ul	98
56) Dibenzofuran	14.733	168	985680	20.479	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	250033	22.863	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	202589	22.864	ng/ul	97
59) Diethylphthalate	15.163	149	873447	21.281	ng/ul	99
61) Fluorene	15.380	166	818827	21.403	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.380	204	394207	21.003	ng/ul	96
63) 4-Nitroaniline	15.410	138	187485	24.255	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	125559	20.809	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	710613	20.510	ng/ul	98
68) 4-Bromophenyl-phenylether	16.274	248	252277	20.882	ng/ul	95
69) Hexachlorobenzene	16.380	284	288168	20.257	ng/ul	99
70) Atrazine	16.551	200	255787	21.299	ng/ul	97
71) Pentachlorophenol	16.727	266	176862	21.086	ng/ul	95
72) Phenanthrene	17.121	178	1357187	20.763	ng/ul	100
74) Anthracene	17.216	178	1378610	20.863	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	313851	20.080	ng/uL	97
76) Pentachlorobenzene	14.645	250	321893	20.276	ng/uL	93
77) Carbazole	17.486	167	1286001	22.192	ng/ul	99
78) Di-n-butylphthalate	18.057	149	1602701	22.671	ng/ul	100
80) Fluoranthene	19.145	202	1619969	19.911	ng/ul	99
82) Pyrene	19.510	202	1706632	19.862	ng/ul	99
83) Butylbenzylphthalate	20.421	149	764542	23.299	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	566773	24.230	ng/ul	98
85) Benzo(a)anthracene	21.304	228	1740924	20.491	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1133596	23.425	ng/ul	98
87) Chrysene	21.362	228	1612980	20.114	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	2004646	21.591	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1776410	20.588	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	1729262	19.735	ng/ul	99
93) Benzo(a)pyrene	24.121	252	1661962	20.390	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.556	276	1853962	21.042	ng/ul	99
95) Dibenzo(a,h)anthracene	27.615	278	1551032m	20.911	ng/ul	
96) Benzo(g,h,i)perylene	28.586	276	1442772	20.859	ng/ul	97

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

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