Quantitation Report (Qedit)

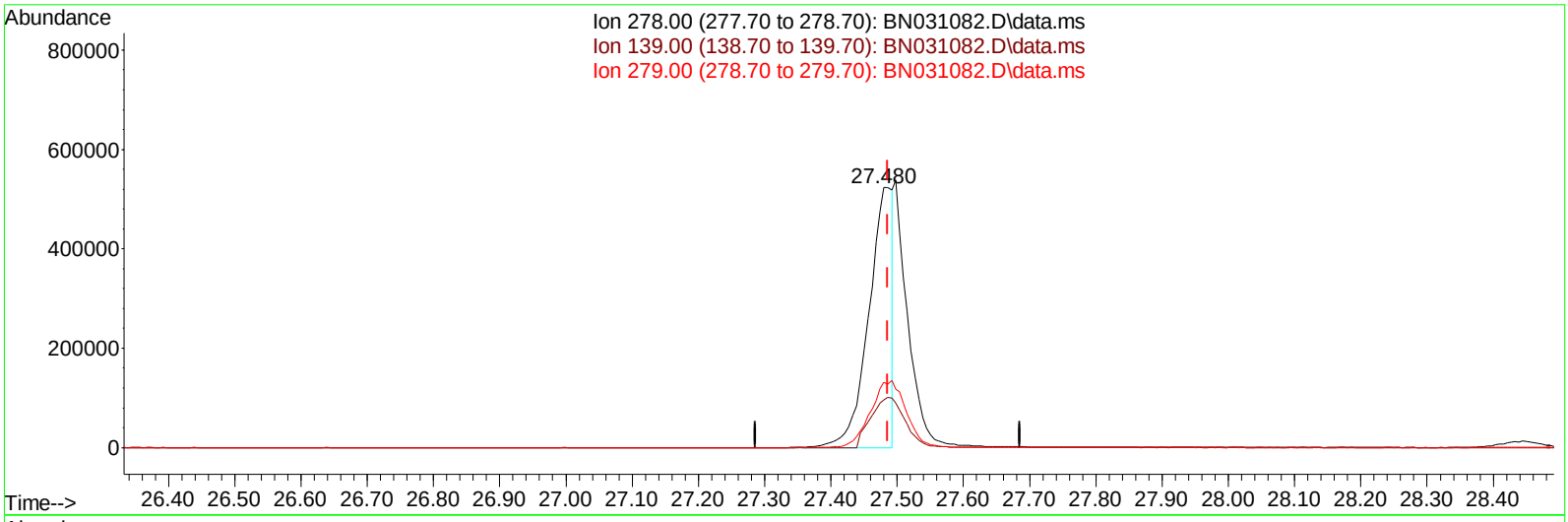
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031082.D
Acq On : 20 Apr 2024 20:06
Operator : MA/JU
Sample : PB160332BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

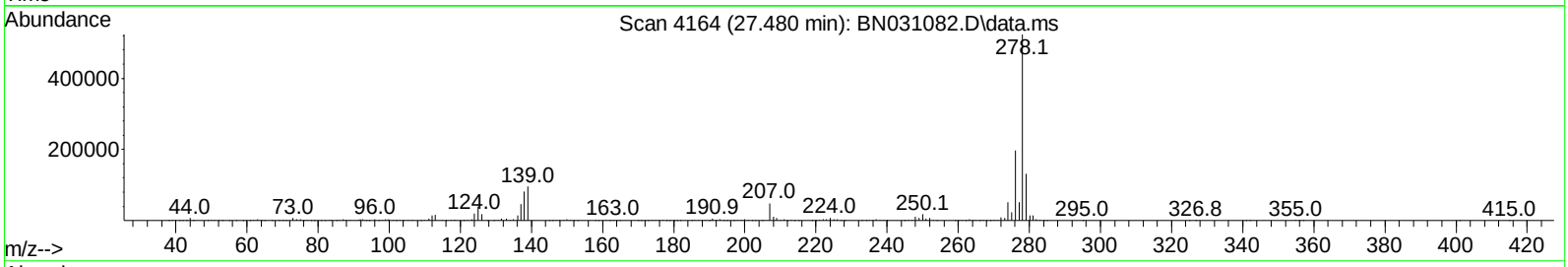
Quant Time: Apr 21 14:06:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

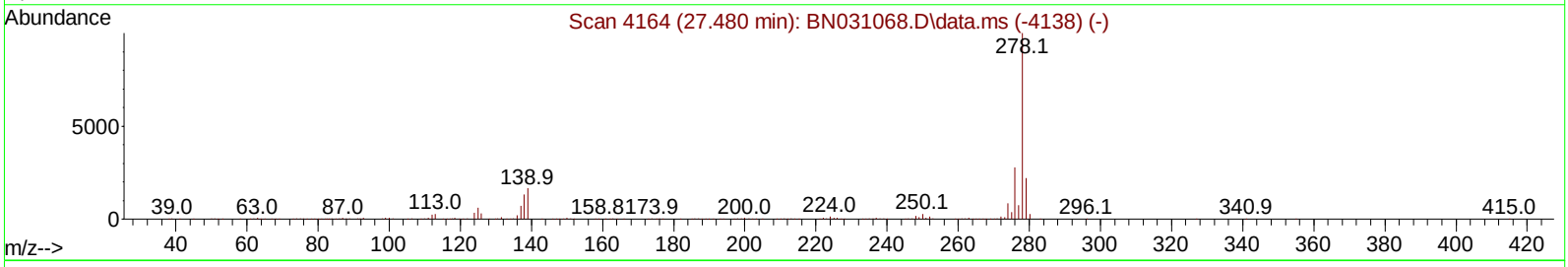
Instrument :
BNA_N
ClientSampleId :
SLCS332

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031082.D\data.ms

(95) Dibenzo(a,h)anthracene

27.480min (-0.006) 17.34 ng/ul

response 1296886

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.60	18.32
279.00	21.30	25.05
0.00	0.00	0.00

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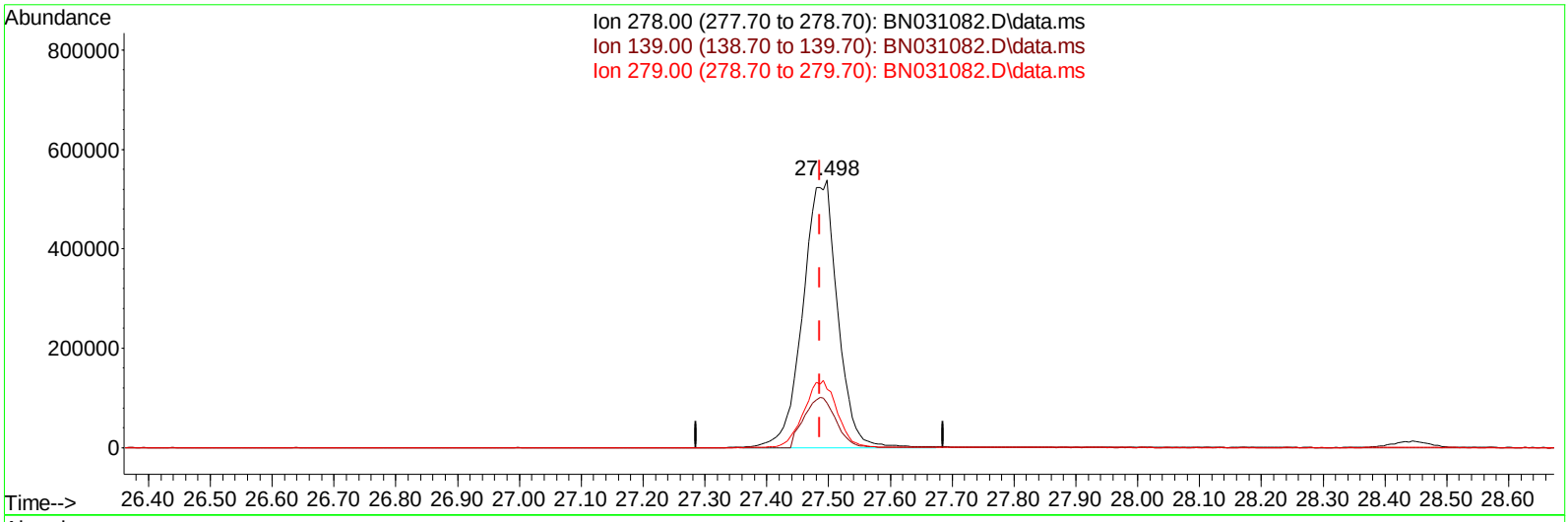

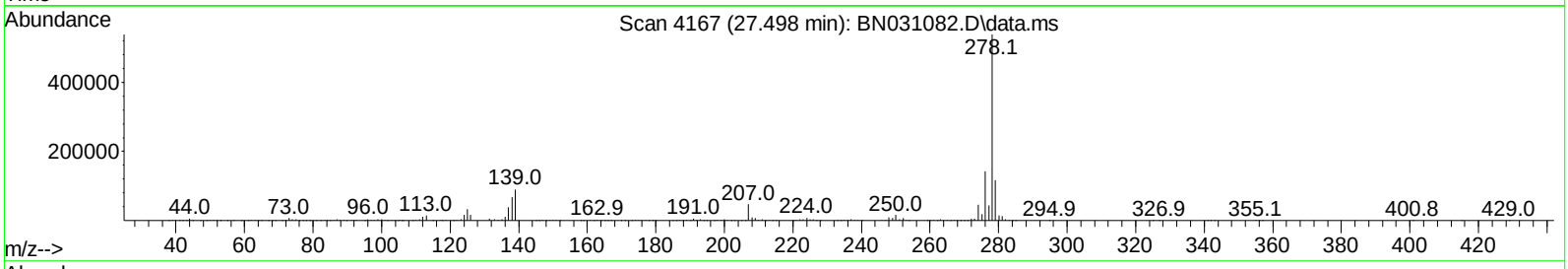

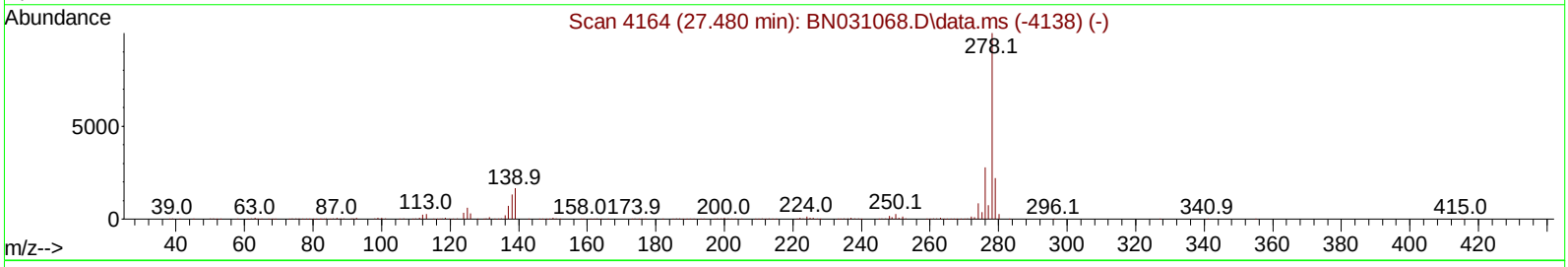

TIC: BN031082.D\data.ms

(95) Dibenzo(a,h)anthracene

27.498min (+ 0.012) 27.96 ng/ul m

response 2090506

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.60	16.71
279.00	21.30	21.89
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	132684	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	621828	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	433362	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	985052	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	1063349	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1308008	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	18206	6.411	ng/uL	0.00
4) Pyridine-d5	3.552	84	216006	26.410	ng/ul	0.00
7) Phenol-d5	6.810	99	328676	29.365	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	188585	28.959	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	257339	29.529	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	267472	28.415	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	131260	29.379	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	137020	29.504	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	273735	29.889	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	383620	26.804	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	882547	29.265	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1010168	29.560	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	189743	30.145	ng/ul	0.00
60) Fluorene-d10	15.281	176	761980	29.025	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	137618	27.691	ng/ul	0.00
73) Anthracene-d10	17.133	188	1230422	28.818	ng/ul	0.00
81) Pyrene-d10	19.433	212	1553028	29.722	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1883757	30.370	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	27338	9.083	ng/uL#	92
5) Pyridine	3.569	79	229471	27.803	ng/ul	95
6) Benzaldehyde	6.787	77	173920	31.646	ng/ul	99
8) Phenol	6.834	94	340818	29.535	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.069	93	259988	28.554	ng/ul	99
12) 2-Chlorophenol	7.199	128	269831	29.787	ng/ul	98
13) 2-Methylphenol	8.081	108	256646	28.699	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.157	45	338448	28.511	ng/ul	99
16) Acetophenone	8.457	105	421534	28.903	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	206746	28.440	ng/ul	99
18) 4-Methylphenol	8.404	108	295176	29.467	ng/ul	100
19) Hexachloroethane	8.699	117	106178	28.247	ng/ul	96
22) Nitrobenzene	8.834	77	302853	28.721	ng/ul	99
23) Isophorone	9.357	82	594998	27.650	ng/ul	98
25) 2-Nitrophenol	9.540	139	152890	29.755	ng/ul	95
26) 2,4-Dimethylphenol	9.598	107	253922	24.232	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	367051	28.082	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	278283	30.422	ng/ul	98
30) Naphthalene	10.463	128	902572	28.007	ng/ul	99
32) 4-Chloroaniline	10.587	127	373238	26.840	ng/ul	99
33) Hexachlorobutadiene	10.746	225	150614	27.009	ng/ul	91
34) Caprolactam	11.363	113	105176	29.182	ng/ul	97
35) 4-Chloro-3-methylphenol	11.710	107	313260	29.536	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	647243	28.480	ng/ul	99
37) 1-Methylnaphthalene	12.304	142	657596	28.596	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.457	216	326287	28.774	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	134114	21.530	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	222638	29.497	ng/ul	92
42) 2,4,5-Trichlorophenol	12.775	196	246526	29.459	ng/ul	95
43) 1,1'-Biphenyl	13.110	154	853912	28.650	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	658042	27.630	ng/ul	98
45) 2-Nitroaniline	13.363	65	203824	31.000	ng/ul	95
47) Dimethylphthalate	13.745	163	884352	28.426	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	179086	30.665	ng/ul	99
50) Acenaphthylene	14.004	152	1120624	28.073	ng/ul	99
51) 3-Nitroaniline	14.198	138	201391	30.038	ng/ul	98
52) Acenaphthene	14.345	153	723345	27.335	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	85191	25.795	ng/ul	97
55) 4-Nitrophenol	14.510	109	156392	30.616	ng/ul	99
56) Dibenzofuran	14.686	168	1033557	28.249	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	275787	31.080	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	226344	31.296	ng/ul	97
59) Diethylphthalate	15.116	149	937539	29.303	ng/ul	99
61) Fluorene	15.333	166	848129	28.169	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.333	204	406566	28.349	ng/ul	100
63) 4-Nitroaniline	15.369	138	231255	31.992	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	149961	28.102	ng/ul#	97
67) N-Nitrosodiphenylamine	15.551	169	775600	29.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	266640	28.623	ng/ul	91
69) Hexachlorobenzene	16.333	284	301876	28.109	ng/ul	98
70) Atrazine	16.510	200	279207	30.121	ng/ul	95
71) Pentachlorophenol	16.680	266	206022	29.526	ng/ul	98
72) Phenanthrene	17.075	178	1486592	28.533	ng/ul	99
74) Anthracene	17.163	178	1470526	27.890	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	330176	28.576	ng/uL	99
76) Pentachlorobenzene	14.598	250	326927	27.401	ng/uL	97
77) Carbazole	17.445	167	1435611	29.807	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1756242	29.916	ng/ul	99
80) Fluoranthene	19.098	202	1846052	29.851	ng/ul	98
82) Pyrene	19.463	202	1990863	30.639	ng/ul	99
83) Butylbenzylphthalate	20.374	149	867806	30.268	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.186	252	634986	28.659	ng/ul	90
85) Benzo(a)anthracene	21.251	228	2074220	28.726	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	1270928	29.523	ng/ul	99
87) Chrysene	21.310	228	1957096	28.553	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	2378840	31.552	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2241091	30.451	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	2237871	30.233	ng/ul	97
93) Benzo(a)pyrene	24.033	252	1946222	26.508	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.433	276	2598009	28.516	ng/ul	98
95) Dibenzo(a,h)anthracene	27.498	278	2090506m	27.956	ng/ul	
96) Benzo(g,h,i)perylene	28.450	276	1971731	26.875	ng/ul	98

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

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