Quantitation Report (Qedit)

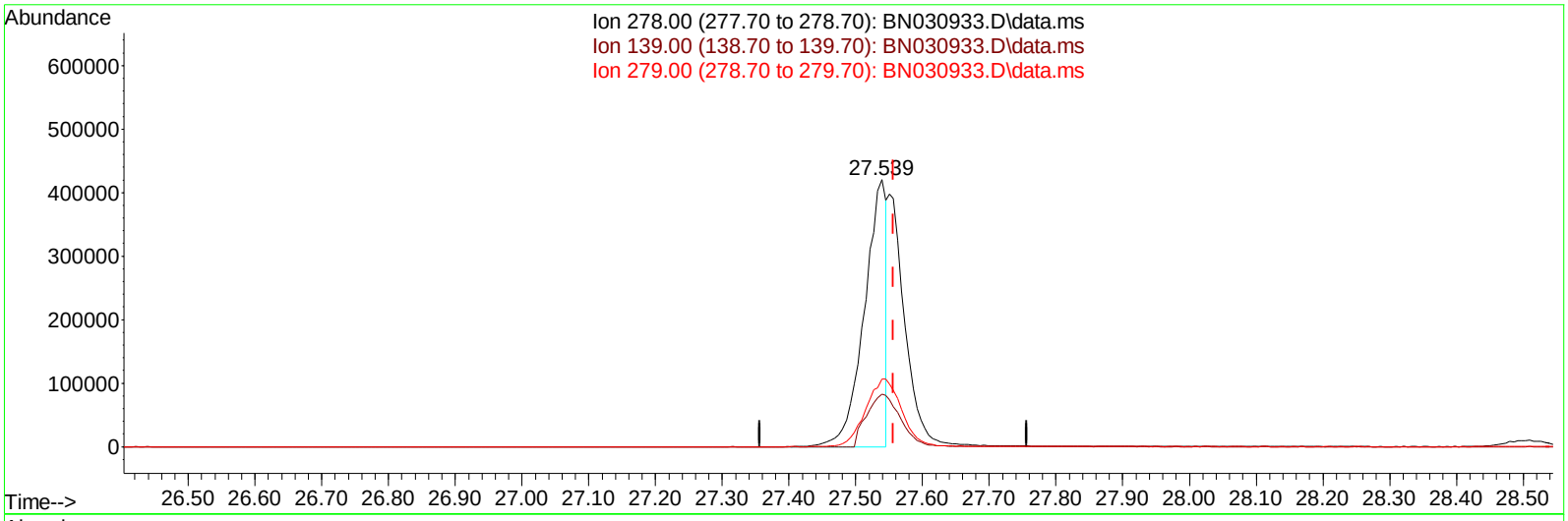
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
Data File : BN030933.D
Acq On : 15 Apr 2024 04:08
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 62 Sample Multiplier: 1

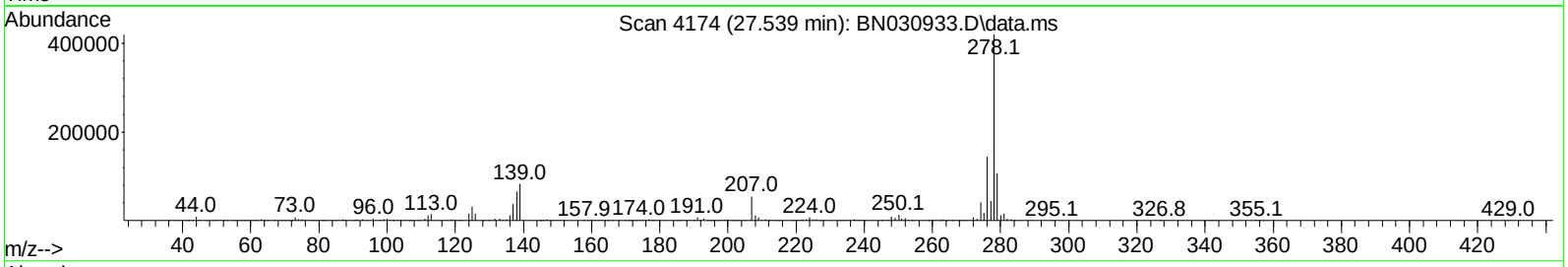
Quant Time: Apr 15 04:37:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 14 22:12:55 2024
Response via : Initial Calibration

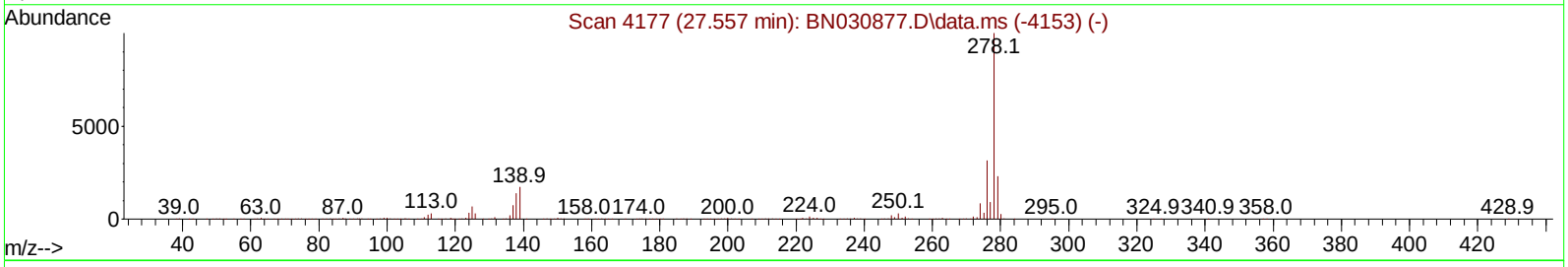
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024







TIC: BN030933.D\data.ms

(95) Dibenzo(a,h)anthracene

27.539min (-0.018) 12.34 ng/ul

response 957156

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	19.69
279.00	21.80	25.48
0.00	0.00	0.00

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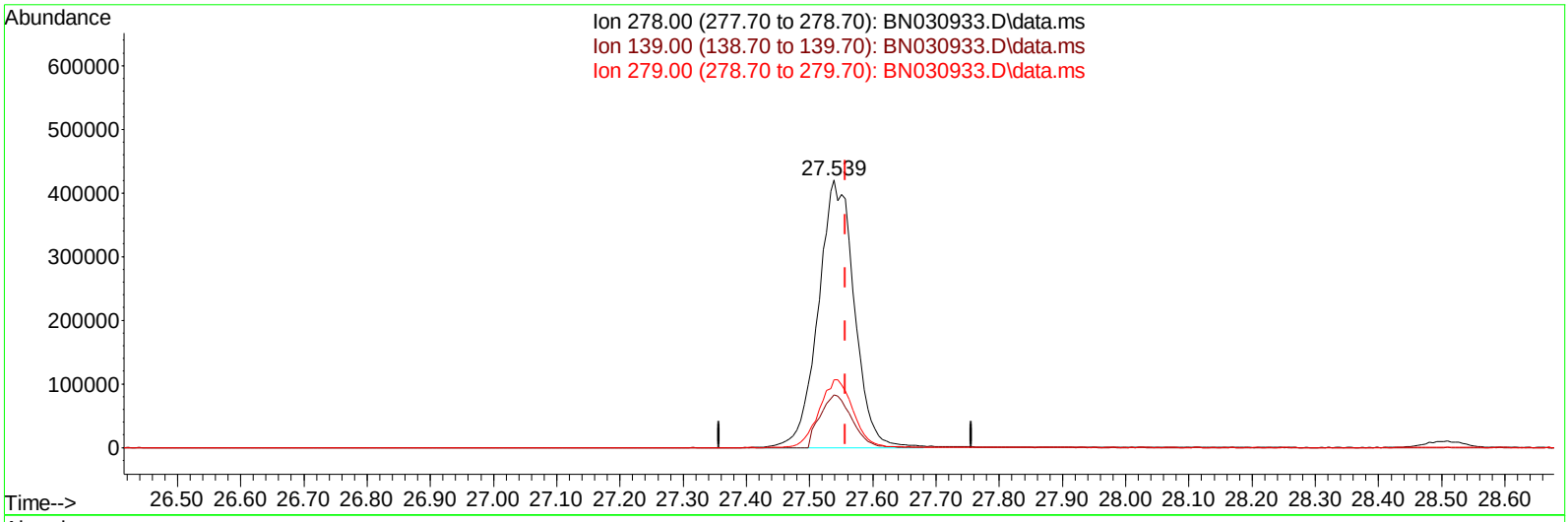

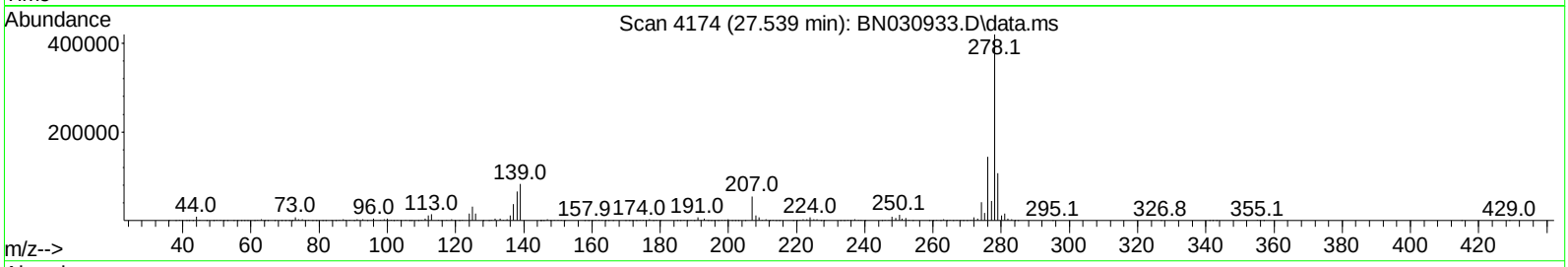

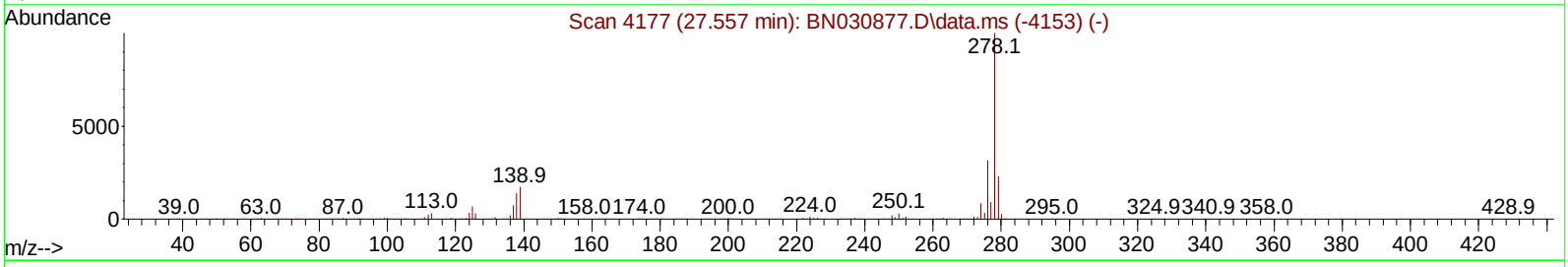

TIC: BN030933.D\data.ms

(95) Dibenzo(a,h)anthracene

27.539min (-0.018) 21.42 ng/ul m

response 1661468

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.50	19.69
279.00	21.80	25.48
0.00	0.00	0.00

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Sample : SSTDCCC020EC
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Quant Title : SVOA CALIBRATION
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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	7.663	152	187832	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	833766	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	576779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1327551	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1428612	20.000	ng/ul	0.00
88) Perylene-d12	24.210	264	1533254	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	33274	8.306	ng/uL	0.00
4) Pyridine-d5	3.581	84	242745	20.209	ng/ul	0.00
7) Phenol-d5	6.834	99	312609	20.574	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	183558	19.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	249917	21.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	254165	19.958	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	128245	22.173	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	128660	24.316	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	259854	22.433	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	400577	21.006	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	786399	20.421	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	969741	21.902	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	168832	22.920	ng/ul	0.00
60) Fluorene-d10	15.304	176	732197	21.728	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	115756	19.754	ng/ul	0.00
73) Anthracene-d10	17.157	188	1220905	21.345	ng/ul	0.00
81) Pyrene-d10	19.457	212	1586448	20.655	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1586212	22.452	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	33898	7.899	ng/uL	99
5) Pyridine	3.599	79	250248	20.647	ng/ul	98
6) Benzaldehyde	6.816	77	180220	25.469	ng/ul	99
8) Phenol	6.864	94	326080	20.600	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	259293	20.088	ng/ul	98
12) 2-Chlorophenol	7.228	128	264179	21.365	ng/ul	95
13) 2-Methylphenol	8.105	108	246566	20.214	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	344130	18.933	ng/ul	97
16) Acetophenone	8.481	105	402873	20.037	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.469	70	193186	19.077	ng/ul	98
18) 4-Methylphenol	8.428	108	273766	20.049	ng/ul	99
19) Hexachloroethane	8.728	117	110172	21.252	ng/ul	97
22) Nitrobenzene	8.858	77	301551	21.358	ng/ul	99
23) Isophorone	9.381	82	556646	19.769	ng/ul	100
25) 2-Nitrophenol	9.563	139	148133	23.822	ng/ul	99
26) 2,4-Dimethylphenol	9.628	107	290270	21.002	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.863	93	357732	19.982	ng/ul	99
29) 2,4-Dichlorophenol	10.093	162	258541	21.867	ng/ul	100
30) Naphthalene	10.493	128	919526	21.503	ng/ul	99
32) 4-Chloroaniline	10.610	127	393478	21.410	ng/ul	99
33) Hexachlorobutadiene	10.775	225	159675	21.456	ng/ul	99
34) Caprolactam	11.387	113	90642	20.521	ng/ul	93
35) 4-Chloro-3-methylphenol	11.734	107	287127	21.561	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	638748	21.389	ng/ul	100
37) 1-Methylnaphthalene	12.334	142	636885	21.009	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	319846	21.488	ng/ul	100
40) Hexachlorocyclopentadiene	12.457	237	136075	16.098	ng/ul	100
41) 2,4,6-Trichlorophenol	12.728	196	209336	22.506	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	228410	21.744	ng/ul	95
43) 1,1'-Biphenyl	13.134	154	841081	21.394	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	662401	21.404	ng/ul	99
45) 2-Nitroaniline	13.387	65	185640	22.540	ng/ul	97
47) Dimethylphthalate	13.769	163	811266	20.394	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	160195	21.720	ng/ul#	93
50) Acenaphthylene	14.028	152	1121994	21.932	ng/ul	99
51) 3-Nitroaniline	14.222	138	188746	24.111	ng/ul	99
52) Acenaphthene	14.369	153	733657	21.520	ng/ul	98
53) 2,4-Dinitrophenol	14.428	184	61629	18.193	ng/ul	96
55) 4-Nitrophenol	14.528	109	134017	22.964	ng/ul	97
56) Dibenzofuran	14.704	168	1041608	21.980	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	249785	23.197	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	206929	23.719	ng/ul	99
59) Diethylphthalate	15.140	149	852643	21.099	ng/ul	99
61) Fluorene	15.357	166	837003	22.221	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	394354	21.339	ng/ul	98
63) 4-Nitroaniline	15.387	138	216175	28.404	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.440	198	128200	20.361	ng/ul	97
67) N-Nitrosodiphenylamine	15.575	169	722661	19.988	ng/ul	96
68) 4-Bromophenyl-phenylether	16.251	248	266098	21.109	ng/ul	95
69) Hexachlorobenzene	16.357	284	302419	20.373	ng/ul	99
70) Atrazine	16.528	200	256458	20.466	ng/ul	99
71) Pentachlorophenol	16.704	266	186726	21.335	ng/ul	97
72) Phenanthrene	17.098	178	1467069	21.509	ng/ul	100
74) Anthracene	17.186	178	1505713	21.838	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	325979	19.987	ng/uL	95
76) Pentachlorobenzene	14.622	250	327772	19.786	ng/uL	95
77) Carbazole	17.463	167	1409739	23.314	ng/ul	99
78) Di-n-butylphthalate	18.028	149	1642342	22.264	ng/ul	100
80) Fluoranthene	19.122	202	1857369	20.342	ng/ul	100
82) Pyrene	19.486	202	1949785	20.220	ng/ul	100
83) Butylbenzylphthalate	20.398	149	835985	22.702	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.210	252	604418	23.025	ng/ul	95
85) Benzo(a)anthracene	21.275	228	2051778	21.520	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.204	149	1205207	22.193	ng/ul	97
87) Chrysene	21.333	228	1939042	21.547	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	2104233	21.671	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1964662	21.773	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	1979207	21.598	ng/ul	96
93) Benzo(a)pyrene	24.074	252	1857471	21.791	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.486	276	2007079	21.782	ng/ul	98
95) Dibenzo(a,h)anthracene	27.539	278	1661468m	21.419	ng/ul	
96) Benzo(g,h,i)perylene	28.509	276	1603466	22.167	ng/ul	95

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

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