Quantitation Report (Qedit)

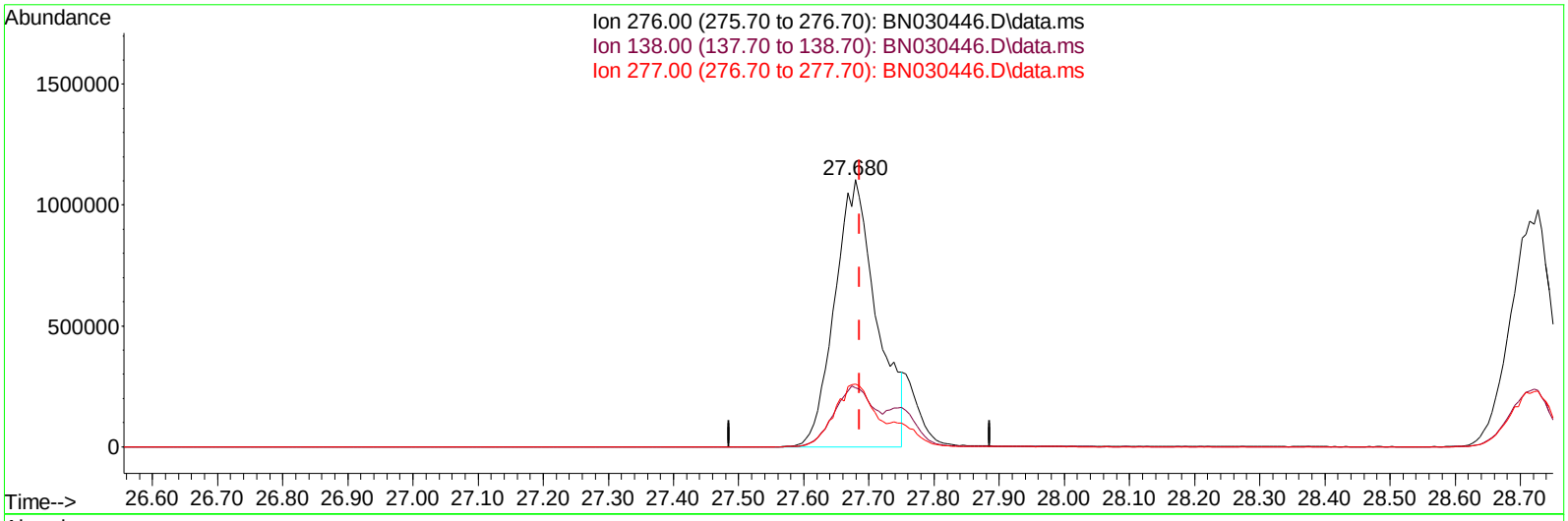
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032124\
Data File : BN030446.D
Acq On : 21 Mar 2024 14:17
Operator : MA/JU
Sample : P1743-08MSD 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

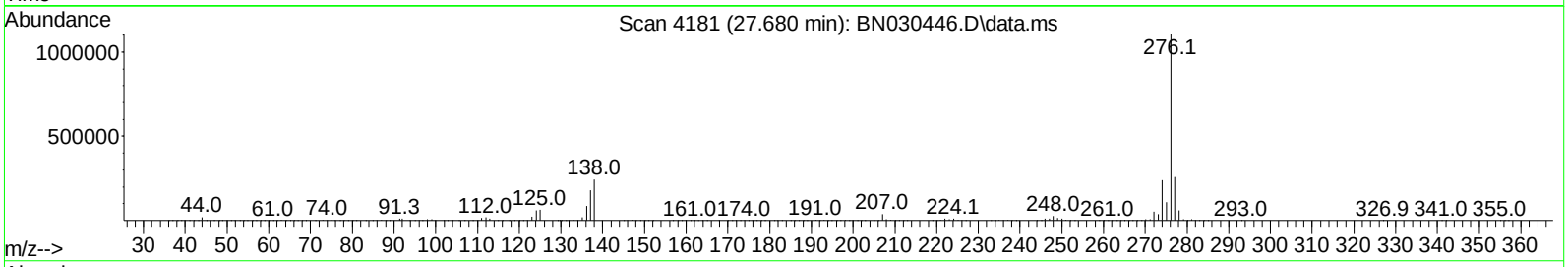
Quant Time: Mar 21 15:11:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 21 00:37:15 2024
Response via : Initial Calibration

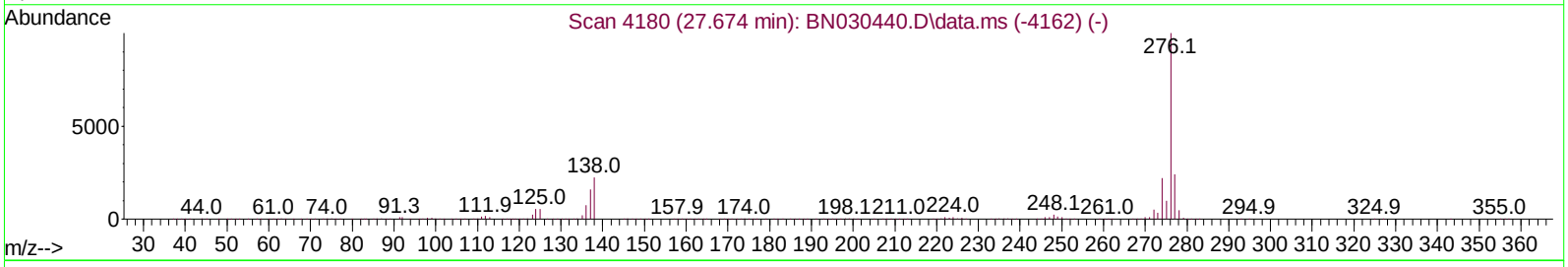
Instrument :
BNA_N
ClientSampleId :
E0737MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 04/03/2024







TIC: BN030446.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.680min (-0.006) 43.18 ng/ul

response 4935416

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	22.05
277.00	24.10	23.52
0.00	0.00	0.00

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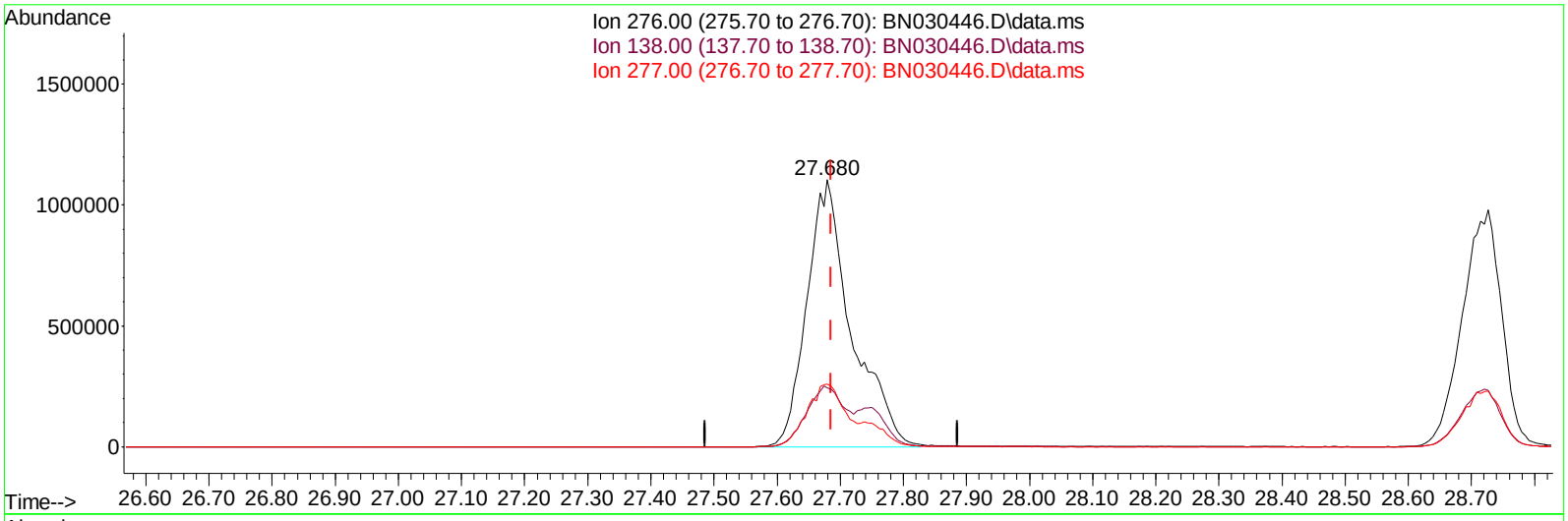

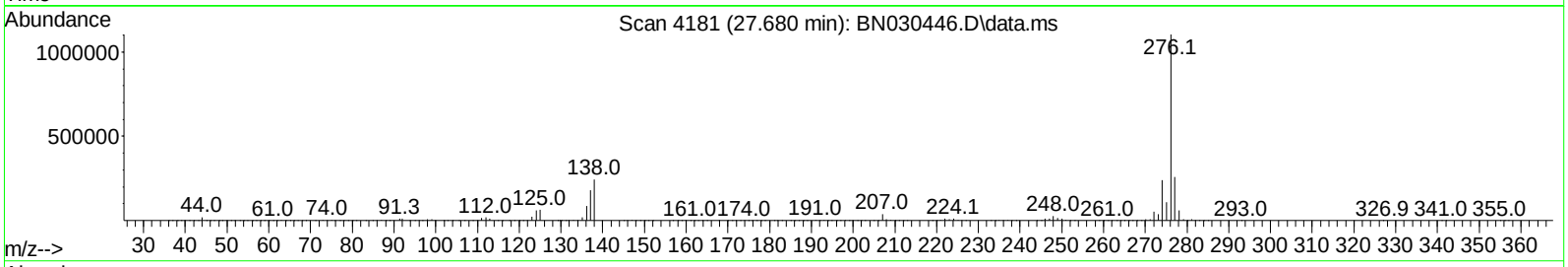

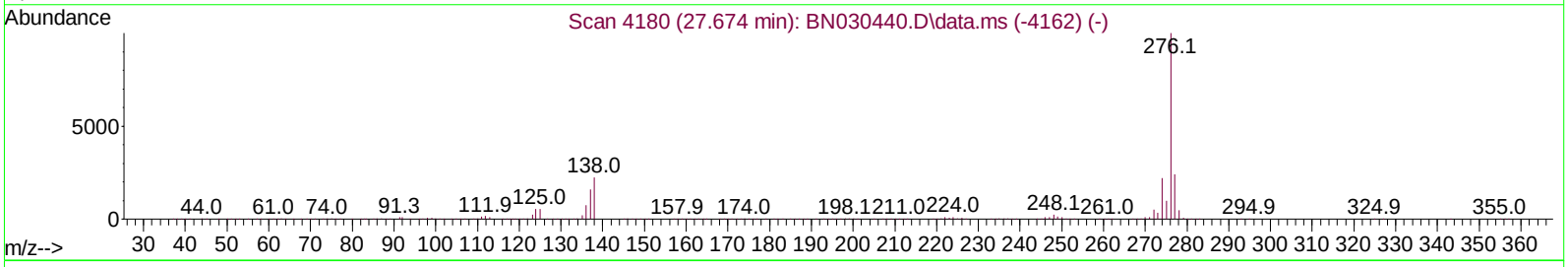

TIC: BN030446.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.680min (-0.006) 47.37 ng/ul m

response 5414322

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	22.05
277.00	24.10	23.52
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	7.728	152	314190	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1409135	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	892562	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1834080	20.000	ng/ul	0.00
79) Chrysene-d12	21.362	240	1640629	20.000	ng/ul	0.00
88) Perylene-d12	24.327	264	1713793	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	24034	2.803	ng/uL	0.00
4) Pyridine-d5	3.622	84	354491	14.260	ng/ul	0.00
7) Phenol-d5	6.881	99	267476	8.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	717588	38.595	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	698577	31.169	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	478748	19.923	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	455960	42.379	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143	413214	43.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	788417	36.587	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	1147002	32.663	ng/ul	0.00
46) Dimethylphthalate-d6	13.786	166	2882638	41.215	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	3202822	39.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	128848	9.742	ng/ul	0.00
60) Fluorene-d10	15.363	176	2416328	40.549	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	352117	43.076	ng/ul	0.00
73) Anthracene-d10	17.216	188	3832657	43.022	ng/ul	0.00
81) Pyrene-d10	19.515	212	4469149	44.451	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.127	264	4147230	45.602	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	60267	6.839	ng/uL#	1
5) Pyridine	3.640	79	396420	15.784	ng/ul	99
6) Benzaldehyde	6.875	77	592702	41.400	ng/ul	98
8) Phenol	6.910	94	307843	9.886	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.157	93	1030588	40.572	ng/ul	99
12) 2-Chlorophenol	7.287	128	757770	32.559	ng/ul	98
13) 2-Methylphenol	8.163	108	587772	24.972	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.251	45	1338934	40.025	ng/ul	98
16) Acetophenone	8.546	105	1591308	42.273	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.534	70	800513	40.684	ng/ul	99
18) 4-Methylphenol	8.493	108	547429	21.435	ng/ul	97
19) Hexachloroethane	8.798	117	369474	38.672	ng/ul	98
22) Nitrobenzene	8.922	77	1161550	42.644	ng/ul	100
23) Isophorone	9.445	82	2310778	39.499	ng/ul	99
25) 2-Nitrophenol	9.628	139	497415	44.252	ng/ul	99
26) 2,4-Dimethylphenol	9.693	107	766219	29.413	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.940	93	1413850	40.222	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	812839	37.766	ng/ul	100
30) Naphthalene	10.563	128	3220285	40.160	ng/ul	99
32) 4-Chloroaniline	10.675	127	865956	25.604	ng/ul	97
33) Hexachlorobutadiene	10.845	225	516544	39.269	ng/ul	96
34) Caprolactam	11.439	113	57114	6.767	ng/ul	96
35) 4-Chloro-3-methylphenol	11.792	107	879435	34.695	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	2211379	40.608	ng/ul	99
37) 1-Methylnaphthalene	12.404	142	2173643	40.573	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	1084712	40.347	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	460607	30.387	ng/ul	95
41) 2,4,6-Trichlorophenol	12.786	196	656715	38.817	ng/ul	98
42) 2,4,5-Trichlorophenol	12.851	196	746883	40.694	ng/ul	92
43) 1,1'-Biphenyl	13.204	154	2882790	40.417	ng/ul	98
44) 2-Chloronaphthalene	13.239	162	2244377	39.856	ng/ul	100
45) 2-Nitroaniline	13.445	65	700054	47.541	ng/ul	99
47) Dimethylphthalate	13.839	163	3066421	43.181	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	605485	49.615	ng/ul	96
50) Acenaphthylene	14.092	152	3793243	40.341	ng/ul	99
51) 3-Nitroaniline	14.275	138	620761	44.104	ng/ul	98
52) Acenaphthene	14.433	153	2491352	40.583	ng/ul	96
53) 2,4-Dinitrophenol	14.475	184	202915	37.015	ng/ul	96
55) 4-Nitrophenol	14.569	109	108349	10.607	ng/ul	97
56) Dibenzofuran	14.769	168	3387508	40.856	ng/ul	99
57) 2,4-Dinitrotoluene	14.733	165	899710	50.745	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.992	232	649304	43.038	ng/ul	97
59) Diethylphthalate	15.210	149	3152845	43.738	ng/ul	99
61) Fluorene	15.422	166	2806500	42.072	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.422	204	1347056	42.065	ng/ul	98
63) 4-Nitroaniline	15.445	138	687601	50.709	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.498	198	417313	44.134	ng/ul	96
67) N-Nitrosodiphenylamine	15.633	169	2510490	43.855	ng/ul	96
68) 4-Bromophenyl-phenylether	16.316	248	869054	46.070	ng/ul	97
69) Hexachlorobenzene	16.416	284	1053100	46.614	ng/ul	96
70) Atrazine	16.592	200	389591	21.163	ng/ul	99
71) Pentachlorophenol	16.757	266	567770	40.783	ng/ul	99
72) Phenanthrene	17.163	178	4694705	45.012	ng/ul	99
74) Anthracene	17.251	178	4723926	44.617	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.157	216	1071159	41.600	ng/uL	96
76) Pentachlorobenzene	14.680	250	1115164	44.001	ng/uL	99
77) Carbazole	17.521	167	4501344	47.902	ng/ul	96
78) Di-n-butylphthalate	18.104	149	5618825	47.548	ng/ul	100
80) Fluoranthene	19.180	202	5395114	44.558	ng/ul	100
82) Pyrene	19.545	202	5501314	43.971	ng/ul	98
83) Butylbenzylphthalate	20.468	149	2414343	50.143	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.268	252	1687295	45.673	ng/ul	98
85) Benzo(a)anthracene	21.339	228	5401597	44.243	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.298	149	3605835	48.879	ng/ul	97
87) Chrysene	21.404	228	5078301	45.012	ng/ul	95
89) Di-n-octyl phthalate	22.433	149	5999153	47.822	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	5296542	46.685	ng/ul	98
91) Benzo(k)fluoranthene	23.456	252	5301321	46.260	ng/ul	99
93) Benzo(a)pyrene	24.198	252	5046399	47.534	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.680	276	5414322m	47.367	ng/ul	
95) Dibenzo(a,h)anthracene	27.750	278	4537526	47.510	ng/ul	99
96) Benzo(g,h,i)perylene	28.727	276	4258389	47.210	ng/ul	98

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

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