Quantitation Report (Qedit)

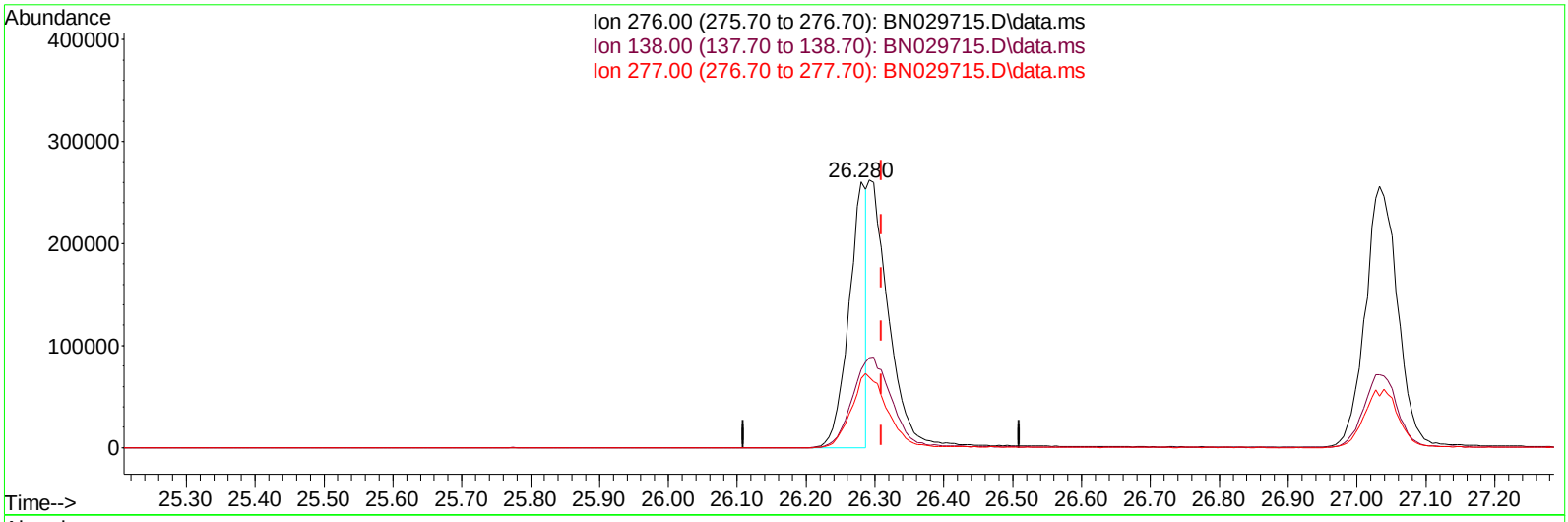
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021224\
Data File : BN029715.D
Acq On : 12 Feb 2024 15:59
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

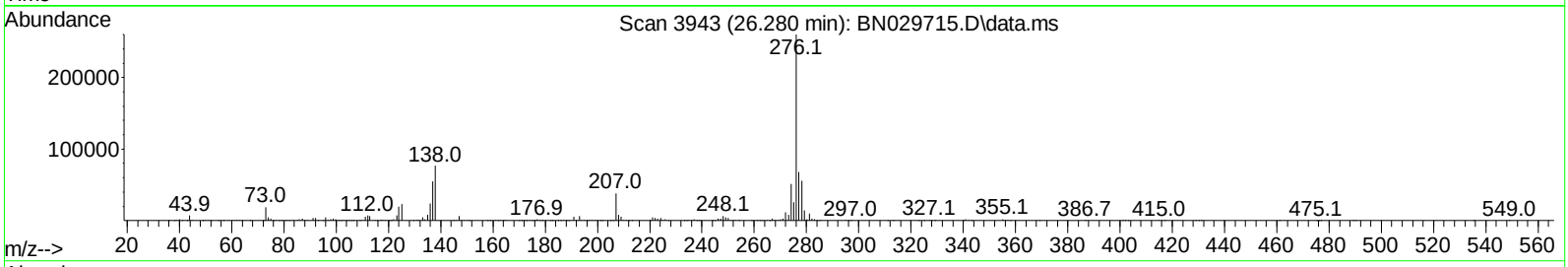
Quant Time: Feb 12 16:34:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

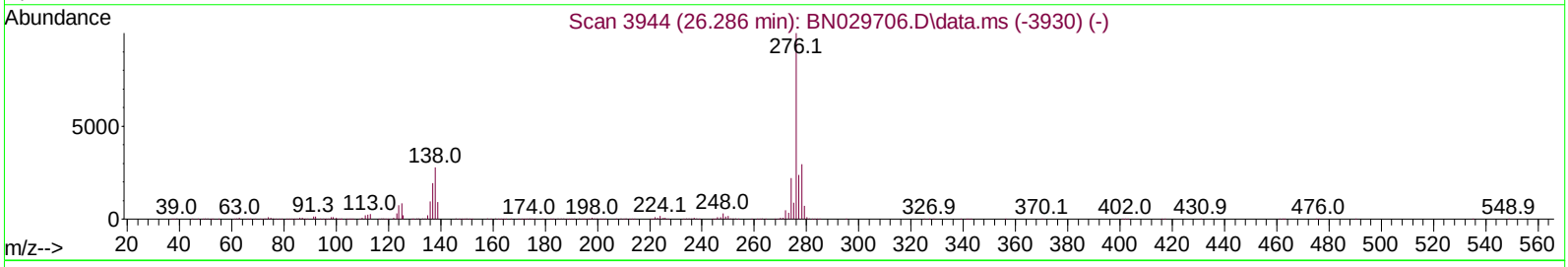
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/13/2024
Supervised By :mohammad ahmed 02/13/2024







TIC: BN029715.D\data.ms

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

26.280min (-0.029) 8.80 ng/ul

response 460230

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	29.41
277.00	22.30	26.02
0.00	0.00	0.00

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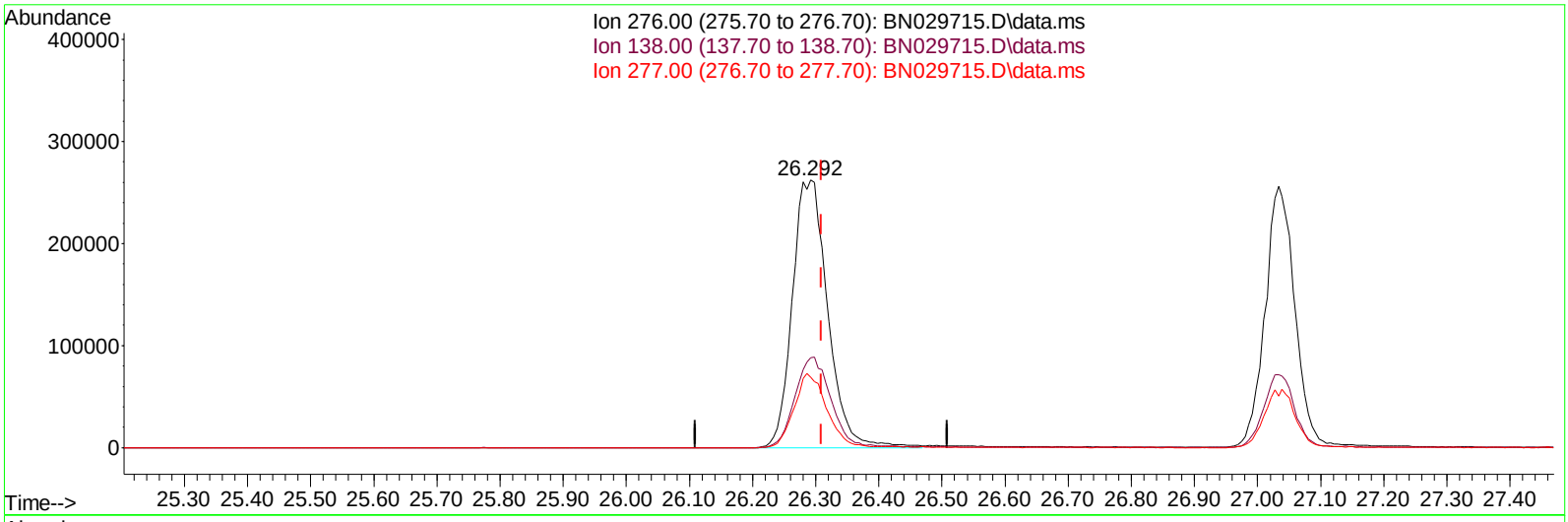

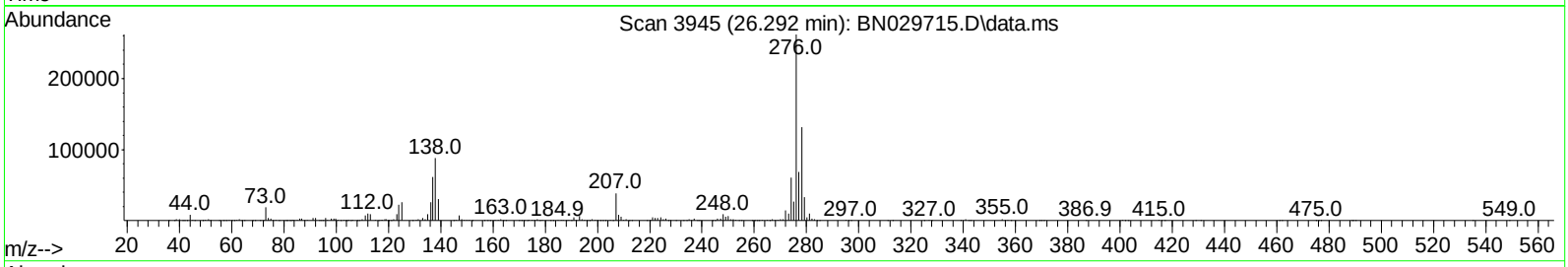

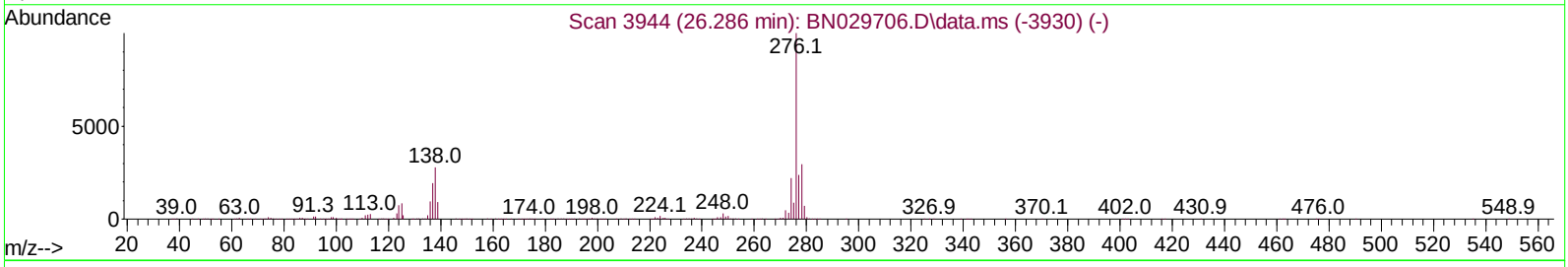

TIC: BN029715.D\data.ms

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

26.292min (-0.018) 19.42 ng/ul m

response 1015328

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	33.50#
277.00	22.30	26.30
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	7.869	152	228173	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.669	136	933311	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.516	164	458961	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.269	188	793869	20.000	ng/ul	-0.01
79) Chrysene-d12	21.469	240	660918	20.000	ng/ul	-0.01
88) Perylene-d12	23.839	264	710901	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	52431	7.558	ng/uL	0.00
4) Pyridine-d5	3.734	84	340254	18.392	ng/ul	0.00
7) Phenol-d5	7.040	99	392488	18.390	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.216	67	264458	18.567	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	307112	19.858	ng/ul	-0.02
15) 4-Methylphenol-d8	8.587	113	289875	18.212	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	138877	19.172	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143	129165	20.474	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.293	165	241502	19.394	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.816	131	364712	17.168	ng/ul	-0.02
46) Dimethylphthalate-d6	13.940	166	616189	18.033	ng/ul	-0.01
49) Acenaphthylene-d8	14.204	160	749776	18.477	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.722	143	98604	15.204	ng/ul	-0.01
60) Fluorene-d10	15.510	176	505363	17.385	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.634	200	66225	17.120	ng/ul	-0.01
73) Anthracene-d10	17.369	188	703299	18.903	ng/ul	-0.01
81) Pyrene-d10	19.669	212	728628	18.371	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.686	264	703566	19.778	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	55242	7.689	ng/uL	98
5) Pyridine	3.752	79	351516	18.366	ng/ul	98
6) Benzaldehyde	7.022	77	225723	23.594	ng/ul	96
8) Phenol	7.069	94	408795	18.689	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.311	93	338720	18.416	ng/ul	99
12) 2-Chlorophenol	7.434	128	318009	19.598	ng/ul	98
13) 2-Methylphenol	8.316	108	286471	18.149	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	449540	18.714	ng/ul	100
16) Acetophenone	8.705	105	470001	18.553	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.687	70	249200	19.054	ng/ul	99
18) 4-Methylphenol	8.646	108	307720	18.449	ng/ul	99
19) Hexachloroethane	8.940	117	140889	18.711	ng/ul	98
22) Nitrobenzene	9.081	77	381336	18.580	ng/ul	99
23) Isophorone	9.604	82	644900	18.039	ng/ul	98
25) 2-Nitrophenol	9.787	139	146315	20.310	ng/ul	99
26) 2,4-Dimethylphenol	9.852	107	318717	18.460	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.099	93	419530	18.465	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	245836	19.106	ng/ul	97
30) Naphthalene	10.722	128	982048	18.409	ng/ul	98
32) 4-Chloroaniline	10.840	127	361925	17.258	ng/ul	100
33) Hexachlorobutadiene	10.999	225	147174	18.533	ng/ul	95
34) Caprolactam	11.610	113	61784	14.430	ng/ul	95
35) 4-Chloro-3-methylphenol	11.963	107	267447	17.995	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	599675	18.338	ng/ul	100
37) 1-Methylnaphthalene	12.551	142	589262	18.175	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.698	216	259777	19.095	ng/ul	95
40) Hexachlorocyclopentadiene	12.669	237	150713	16.948	ng/ul	99
41) 2,4,6-Trichlorophenol	12.945	196	157665	20.107	ng/ul	96
42) 2,4,5-Trichlorophenol	13.016	196	172986	19.633	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	721161	18.632	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	561913	18.679	ng/ul	99
45) 2-Nitroaniline	13.604	65	160190	18.112	ng/ul	95
47) Dimethylphthalate	13.987	163	633150	18.101	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	112833	18.027	ng/ul	98
50) Acenaphthylene	14.234	152	912214	18.731	ng/ul	100
51) 3-Nitroaniline	14.434	138	118809	16.310	ng/ul	99
52) Acenaphthene	14.581	153	588725	18.300	ng/ul	95
53) 2,4-Dinitrophenol	14.640	184	43994	13.851	ng/ul	90
55) 4-Nitrophenol	14.740	109	88595	14.940	ng/ul	92
56) Dibenzofuran	14.916	168	771244	18.155	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	159564	18.107	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.140	232	119609	19.128	ng/ul	96
59) Diethylphthalate	15.351	149	631139	17.566	ng/ul	99
61) Fluorene	15.563	166	606720	18.068	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	275524	18.345	ng/ul	94
63) 4-Nitroaniline	15.592	138	111475	16.955	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.645	198	75929	17.805	ng/ul	99
67) N-Nitrosodiphenylamine	15.781	169	481277	19.455	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	150013	19.964	ng/ul	86
69) Hexachlorobenzene	16.563	284	166944	19.711	ng/ul	99
70) Atrazine	16.745	200	141773	18.343	ng/ul	99
71) Pentachlorophenol	16.910	266	87819	17.855	ng/ul	96
72) Phenanthrene	17.310	178	857489	18.673	ng/ul	99
74) Anthracene	17.398	178	870728	18.893	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.304	216	248524	21.334	ng/uL	95
76) Pentachlorobenzene	14.828	250	216123	20.719	ng/uL	99
77) Carbazole	17.675	167	745286	17.705	ng/ul	98
78) Di-n-butylphthalate	18.257	149	928574	18.344	ng/ul	100
80) Fluoranthene	19.333	202	865397	17.962	ng/ul	99
82) Pyrene	19.692	202	932191	18.289	ng/ul	99
83) Butylbenzylphthalate	20.616	149	357085	17.190	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	217962	17.026	ng/ul	98
85) Benzo(a)anthracene	21.451	228	868404	17.886	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	544047	16.932	ng/ul	100
87) Chrysene	21.504	228	822789	18.083	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	884219	16.046	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	904825	20.207	ng/ul	97
91) Benzo(k)fluoranthene	23.163	252	879930	19.199	ng/ul	97
93) Benzo(a)pyrene	23.739	252	848416	19.757	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.292	276	1015328m	19.417	ng/ul	
95) Dibenzo(a,h)anthracene	26.310	278	845501	19.806	ng/ul	97
96) Benzo(g,h,i)perylene	27.033	276	843664	19.290	ng/ul	95

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

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