Quantitation Report (Qedit)

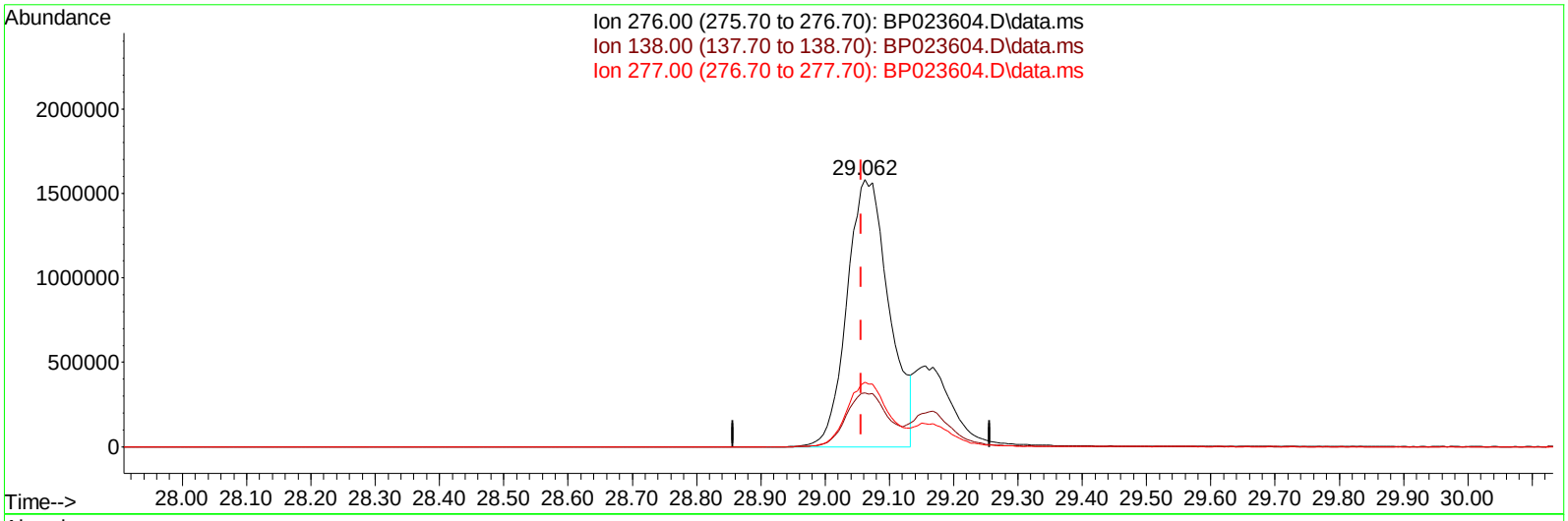
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011425\
Data File : BP023604.D
Acq On : 14 Jan 2025 13:20
Operator : RC/JU
Sample : SSTD04070
Misc :
ALS Vial : 5 Sample Multiplier: 1

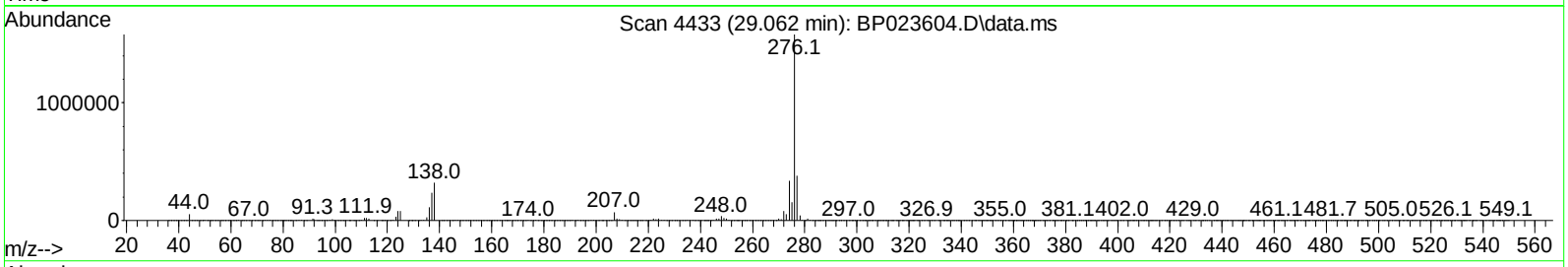
Quant Time: Jan 14 14:03:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 13:36:31 2025
Response via : Initial Calibration

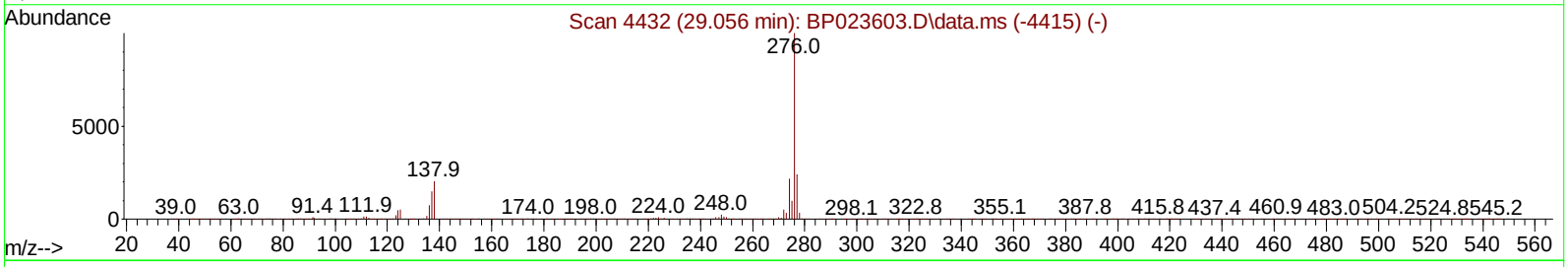
Instrument :
BNA_P
ClientSampleId :
SSTD040603

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025







TIC: BP023604.D\data.ms

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

29.062min (+ 0.006) 35.91 ng/ul

response 7198156

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.24
277.00	24.20	24.17
0.00	0.00	0.00

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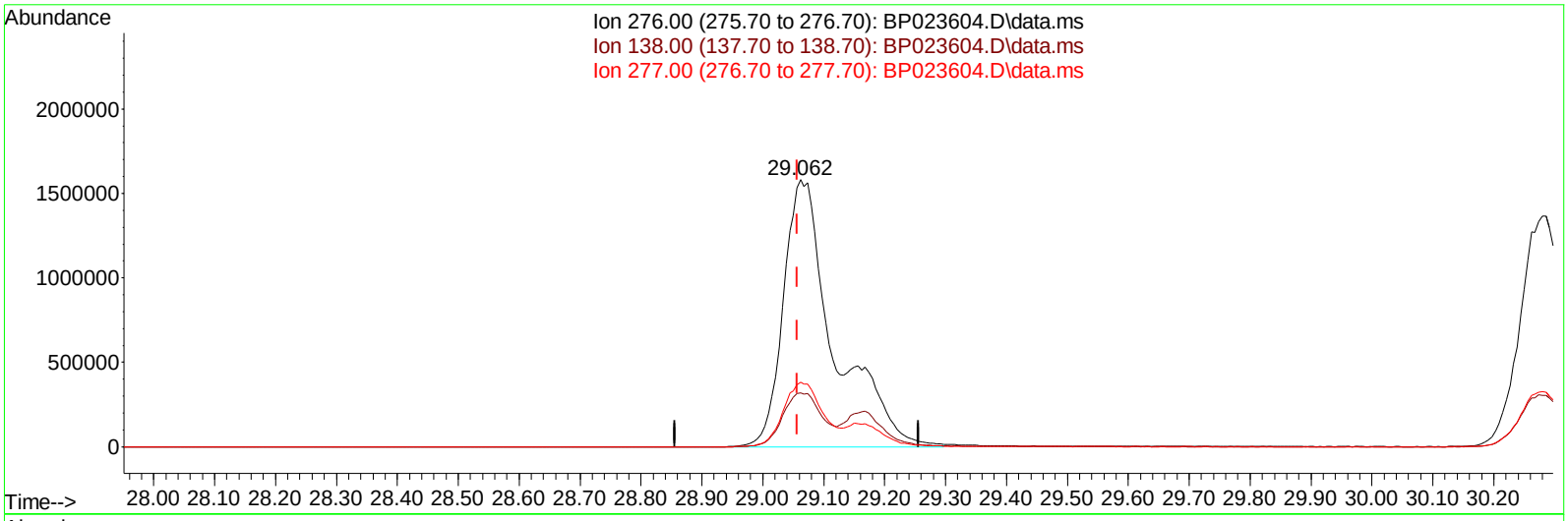

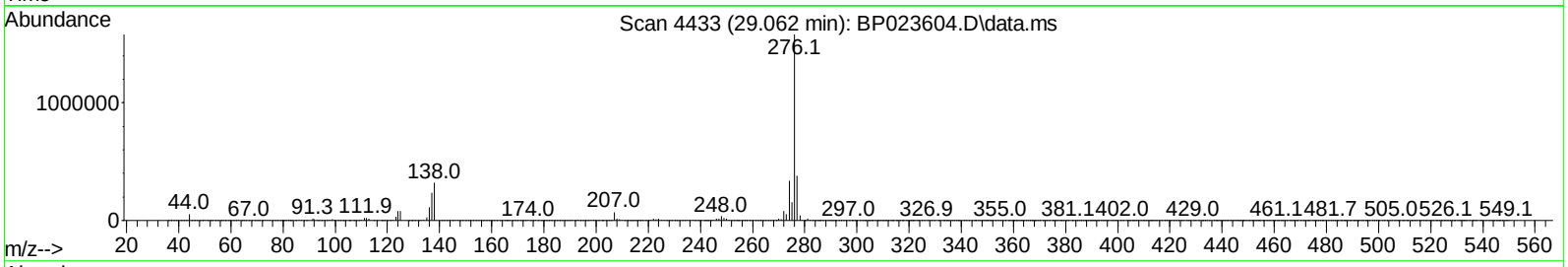

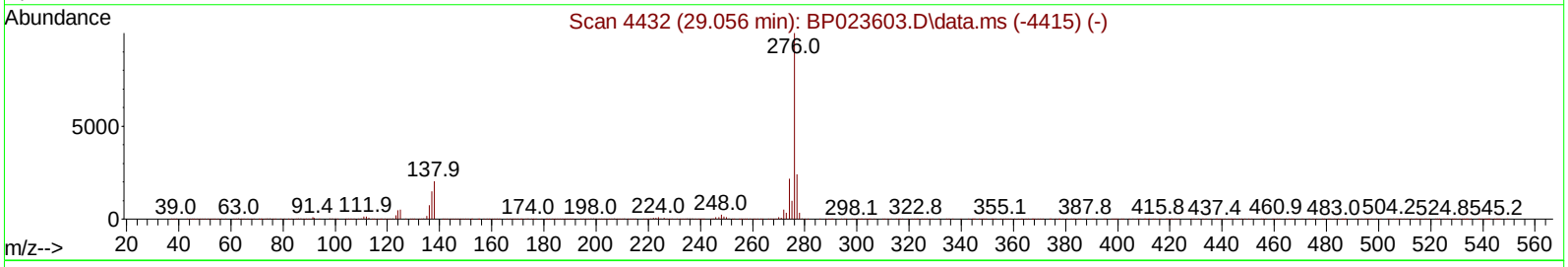

TIC: BP023604.D\data.ms

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

29.062min (+ 0.006) 45.73 ng/ul m

response 9165782

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.24
277.00	24.20	24.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : SSTD04070
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 14:04:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 13:36:31 2025
Response via : Initial Calibration

Instrument :
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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	7.804	152	480207	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	2027233	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	1310743	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	2641441	20.000	ng/ul	0.00
79) Chrysene-d12	21.709	240	3062484	20.000	ng/ul	0.00
88) Perylene-d12	25.156	264	3021915	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	191248	15.841	ng/uL	0.00
4) Pyridine-d5	3.710	84	1440525	40.465	ng/ul	0.00
7) Phenol-d5	6.963	99	1617793	42.146	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	950152	39.673	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	1257147	45.352	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	1277730	44.199	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	603709	46.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	398220	57.454	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	1217508	47.647	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	2011705	42.721	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	3934005	44.916	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	4698764	41.948	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	704403	48.546	ng/ul	0.00
60) Fluorene-d10	15.439	176	3410443	42.088	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	305693	44.366	ng/ul	0.00
73) Anthracene-d10	17.339	188	5531393	42.451	ng/ul	0.00
81) Pyrene-d10	19.715	212	6436931	40.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.921	264	6809988	45.866	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	200668	15.585	ng/uL	96
5) Pyridine	3.734	79	1453794	40.466	ng/ul	97
6) Benzaldehyde	6.951	77	978972	44.947	ng/ul	99
8) Phenol	6.993	94	1738337	41.769	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	1372336	40.262	ng/ul	99
12) 2-Chlorophenol	7.375	128	1323103	43.831	ng/ul	98
13) 2-Methylphenol	8.234	108	1267148	42.037	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1441637	40.516	ng/ul	99
16) Acetophenone	8.616	105	2222836	42.588	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.604	70	1057536	43.259	ng/ul	98
18) 4-Methylphenol	8.557	108	1415565	43.459	ng/ul	98
19) Hexachloroethane	8.887	117	517237	41.013	ng/ul	99
22) Nitrobenzene	8.992	77	1449586	43.311	ng/ul	98
23) Isophorone	9.516	82	3036056	43.945	ng/ul	100
25) 2-Nitrophenol	9.698	139	540860	58.919	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	1430665	45.354	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.998	93	1830721	41.653	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	1240155	46.603	ng/ul	99
30) Naphthalene	10.639	128	4500012	40.813	ng/ul	100
32) 4-Chloroaniline	10.734	127	1918647	42.702	ng/ul	100
33) Hexachlorobutadiene	10.934	225	774312	38.958	ng/ul	98
34) Caprolactam	11.486	113	486291	48.376	ng/ul	98
35) 4-Chloro-3-methylphenol	11.851	107	1336200	49.875	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	3149011	42.485 ng/ul	99
37) 1-Methylnaphthalene	12.463	142	3097224	42.335 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	1603391	39.345 ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	628673	39.489 ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	902565	50.050 ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	1005430	49.626 ng/ul	100
43) 1,1'-Biphenyl	13.263	154	4065420	40.185 ng/ul	98
44) 2-Chloronaphthalene	13.298	162	3145459	39.880 ng/ul	99
45) 2-Nitroaniline	13.492	65	695603	53.716 ng/ul	99
47) Dimethylphthalate	13.886	163	3946519	44.477 ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	672444	54.093 ng/ul	97
50) Acenaphthylene	14.151	152	5016259	41.370 ng/ul	99
51) 3-Nitroaniline	14.322	138	775324	46.022 ng/ul	99
52) Acenaphthene	14.504	153	3471593	40.690 ng/ul	100
53) 2,4-Dinitrophenol	14.527	184	168466	42.815 ng/ul#	77
55) 4-Nitrophenol	14.627	109	553829	48.686 ng/ul	96
56) Dibenzofuran	14.839	168	4677779	40.353 ng/ul	99
57) 2,4-Dinitrotoluene	14.786	165	1041276	56.024 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.063	232	810430	55.263 ng/ul	99
59) Diethylphthalate	15.286	149	3959790	47.084 ng/ul	99
61) Fluorene	15.504	166	4098293	42.280 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	1965846	41.036 ng/ul	99
63) 4-Nitroaniline	15.504	138	895270	50.931 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.569	198	377200	46.344 ng/ul	98
67) N-Nitrosodiphenylamine	15.716	169	3355059	40.868 ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	1200110	41.048 ng/ul	98
69) Hexachlorobenzene	16.527	284	1431889	39.965 ng/ul	97
70) Atrazine	16.686	200	1245218	44.336 ng/ul	99
71) Pentachlorophenol	16.880	266	736069	45.258 ng/ul	99
72) Phenanthrene	17.286	178	6398827	42.156 ng/ul	99
74) Anthracene	17.374	178	6389378	41.955 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	1594401	38.021 ng/uL	99
76) Pentachlorobenzene	14.757	250	1672327	38.515 ng/uL	99
77) Carbazole	17.651	167	6028375	45.778 ng/ul	99
78) Di-n-butylphthalate	18.268	149	6700451	55.277 ng/ul	100
80) Fluoranthene	19.368	202	7452464	41.255 ng/ul	99
82) Pyrene	19.745	202	8029938	40.399 ng/ul	99
83) Butylbenzylphthalate	20.715	149	2374613	58.963 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.615	252	2148590	43.971 ng/ul	99
85) Benzo(a)anthracene	21.692	228	8219059	42.067 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.662	149	4041369	58.840 ng/ul	99
87) Chrysene	21.762	228	7629639	40.861 ng/ul	99
89) Di-n-octyl phthalate	22.992	149	5386357	50.508 ng/ul	100
90) Benzo(b)fluoranthene	24.062	252	7839663	45.804 ng/ul	100
91) Benzo(k)fluoranthene	24.145	252	8230249	42.803 ng/ul	99
93) Benzo(a)pyrene	24.986	252	7600778	44.951 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.062	276	9165782m	45.732 ng/ul	
95) Dibenzo(a,h)anthracene	29.168	278	7401667	45.492 ng/ul	99
96) Benzo(g,h,i)perylene	30.280	276	7002451	44.996 ng/ul	99

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

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