Quantitation Report (Qedit)

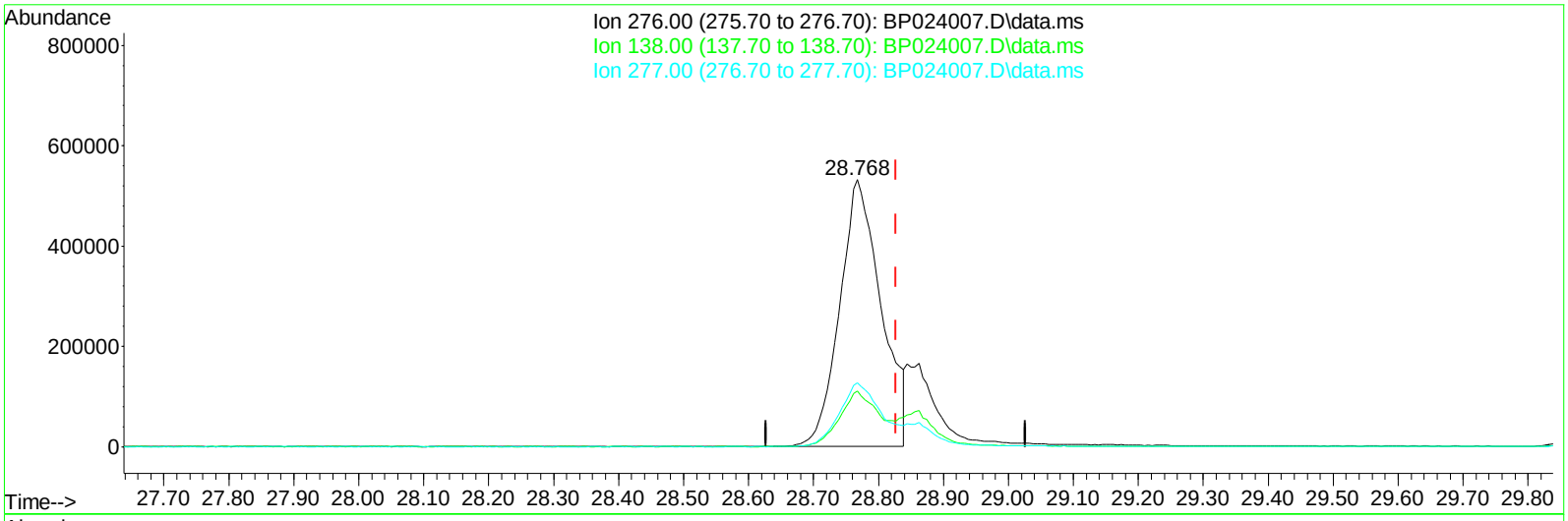
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024007.D
Acq On : 10 Feb 2025 11:03
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

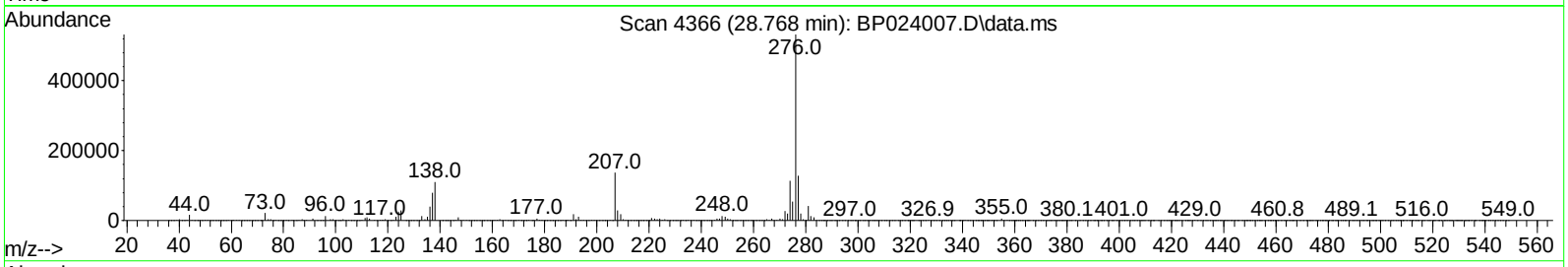
Quant Time: Feb 12 14:19:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

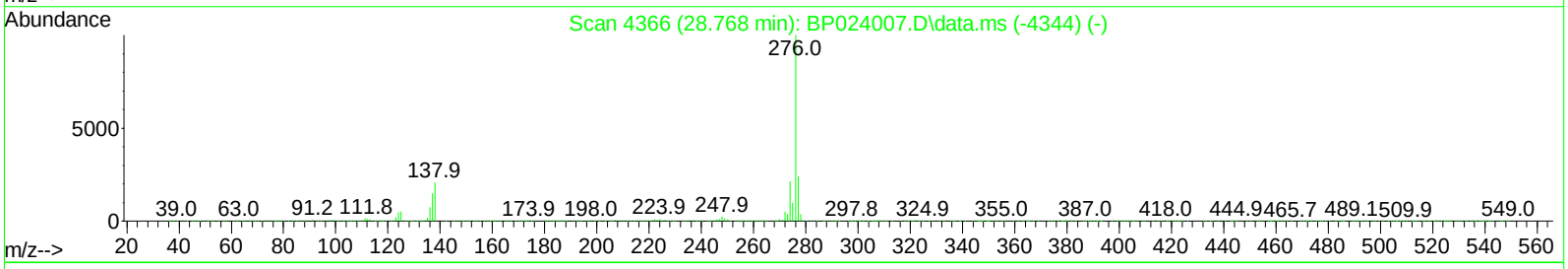
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025







TIC: BP024007.D\data.ms

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

28.768min (-0.059) 15.69 ng/ul

response 2353131

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.78
277.00	23.70	23.95
0.00	0.00	0.00

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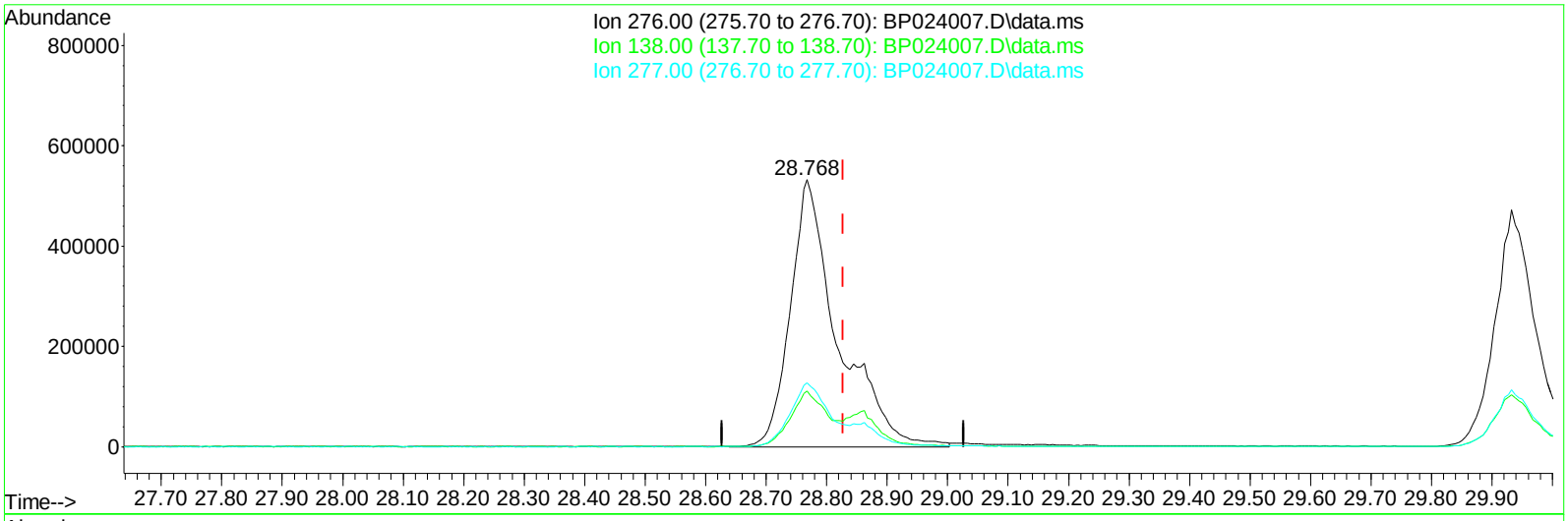

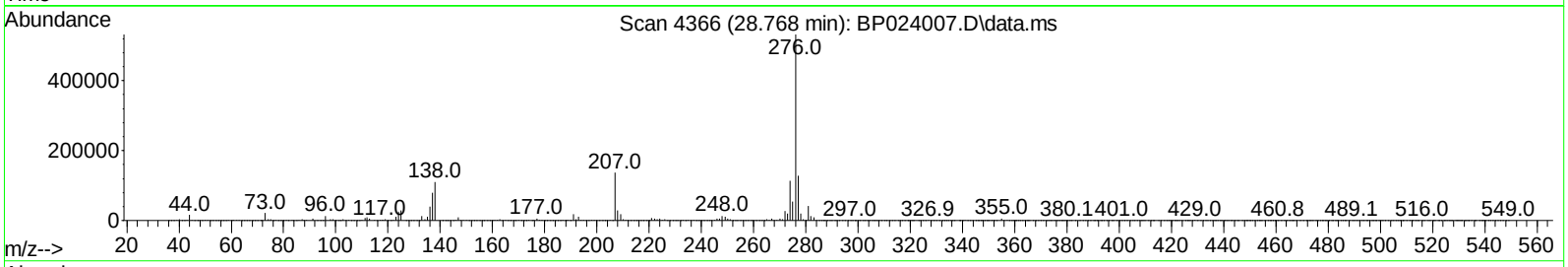

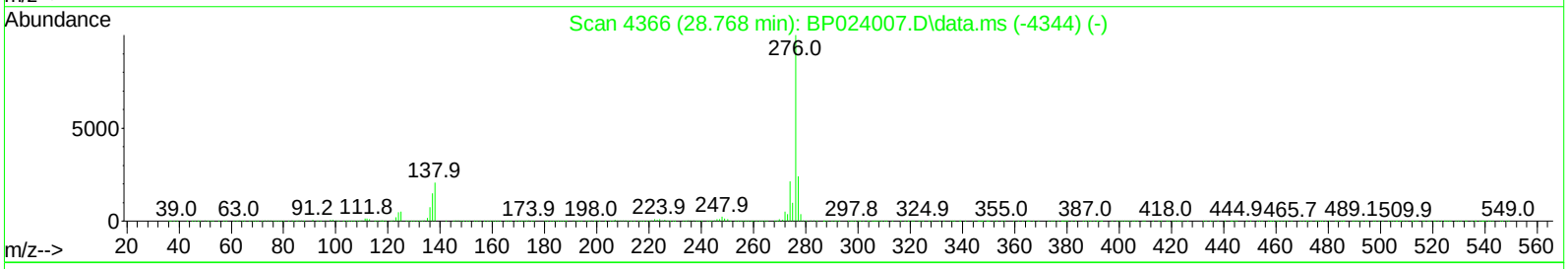

TIC: BP024007.D\data.ms

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

28.768min (-0.059) 19.32 ng/ul m

response 2897725

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.78
277.00	23.70	23.95
0.00	0.00	0.00

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Quant Time: Feb 12 14:22:14 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	406916	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.534	136	1706485	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.380	164	1042289	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	2077214	20.000	ng/ul	-0.02
79) Chrysene-d12	21.604	240	2107612	20.000	ng/ul	-0.04
88) Perylene-d12	24.968	264	2042294	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	87822	8.967	ng/uL	-0.01
4) Pyridine-d5	3.693	84	633194	22.406	ng/ul	-0.01
7) Phenol-d5	6.940	99	756067	20.996	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.093	67	422376	22.159	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.298	132	612878	21.673	ng/ul	-0.02
15) 4-Methylphenol-d8	8.463	113	587085	19.957	ng/ul	-0.01
21) Nitrobenzene-d5	8.898	128	292789	21.445	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.616	143	297189	20.173	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.157	165	574561	21.260	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.663	131	841569	20.822	ng/ul	-0.01
46) Dimethylphthalate-d6	13.780	166	1568353	20.173	ng/ul	-0.01
49) Acenaphthylene-d8	14.063	160	1902438	21.696	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.598	143	273279	17.700	ng/ul	-0.01
60) Fluorene-d10	15.380	176	1409529	21.529	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	200459	15.643	ng/ul	0.00
73) Anthracene-d10	17.269	188	2257242	22.132	ng/ul	-0.02
81) Pyrene-d10	19.633	212	2478525	21.948	ng/ul	-0.03
92) Benzo(a)pyrene-d12	24.721	264	2311742	21.695	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	93110	9.040	ng/uL	98
5) Pyridine	3.710	79	650547	22.993	ng/ul	100
6) Benzaldehyde	6.910	77	465545	26.340	ng/ul	99
8) Phenol	6.969	94	803953	21.742	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.181	93	606667	21.553	ng/ul	99
12) 2-Chlorophenol	7.334	128	643257	22.080	ng/ul	98
13) 2-Methylphenol	8.198	108	566202	20.351	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.269	45	624940	21.520	ng/ul	99
16) Acetophenone	8.569	105	959129	21.328	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.551	70	432046	20.402	ng/ul	96
18) 4-Methylphenol	8.522	108	638240	20.676	ng/ul	97
19) Hexachloroethane	8.828	117	250188	21.718	ng/ul	96
22) Nitrobenzene	8.940	77	683537	23.070	ng/ul	97
23) Isophorone	9.469	82	1170140	19.560	ng/ul	99
25) 2-Nitrophenol	9.645	139	339948	21.156	ng/ul	96
26) 2,4-Dimethylphenol	9.716	107	641958	21.585	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.940	93	763729	20.495	ng/ul	100
29) 2,4-Dichlorophenol	10.187	162	585221	21.353	ng/ul	99
30) Naphthalene	10.581	128	2020962	22.125	ng/ul	100
32) 4-Chloroaniline	10.692	127	816258	21.400	ng/ul	100
33) Hexachlorobutadiene	10.869	225	356901	21.511	ng/ul	99
34) Caprolactam	11.463	113	177914	16.756	ng/ul	98
35) 4-Chloro-3-methylphenol	11.828	107	589445	20.008	ng/ul	98

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Response via : Initial Calibration

Instrument :
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LabSampleId :
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.192	142	1336916	20.816 ng/ul	100
37) 1-Methylnaphthalene	12.404	142	1342252	21.067 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	694168	22.528 ng/ul	99
40) Hexachlorocyclopentadiene	12.545	237	306087	17.629 ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	428515	20.820 ng/ul	99
42) 2,4,5-Trichlorophenol	12.881	196	462273	20.837 ng/ul	99
43) 1,1'-Biphenyl	13.204	154	1722059	22.258 ng/ul	100
44) 2-Chloronaphthalene	13.245	162	1371058	22.743 ng/ul	100
45) 2-Nitroaniline	13.445	65	347881	22.172 ng/ul	92
47) Dimethylphthalate	13.833	163	1599545	20.678 ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	302018	19.979 ng/ul	92
50) Acenaphthylene	14.092	152	2085789	22.337 ng/ul	99
51) 3-Nitroaniline	14.280	138	345873	20.819 ng/ul	93
52) Acenaphthene	14.445	153	1479495	22.347 ng/ul	99
53) 2,4-Dinitrophenol	14.486	184	167227	18.555 ng/ul	96
55) 4-Nitrophenol	14.610	109	217686	19.929 ng/ul	94
56) Dibenzofuran	14.780	168	2021530	22.036 ng/ul	100
57) 2,4-Dinitrotoluene	14.739	165	468751	20.847 ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.016	232	376985	19.970 ng/ul	94
59) Diethylphthalate	15.210	149	1570986	20.271 ng/ul	100
61) Fluorene	15.439	166	1670651	21.952 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	805324	21.377 ng/ul	98
63) 4-Nitroaniline	15.463	138	368628	22.806 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.522	198	225670	16.018 ng/ul	97
67) N-Nitrosodiphenylamine	15.651	169	1384392	21.837 ng/ul	100
68) 4-Bromophenyl-phenylether	16.339	248	482903	20.606 ng/ul	98
69) Hexachlorobenzene	16.463	284	563221	19.835 ng/ul	96
70) Atrazine	16.622	200	473379	19.283 ng/ul	99
71) Pentachlorophenol	16.816	266	305867	17.512 ng/ul	100
72) Phenanthrene	17.204	178	2618343	22.321 ng/ul	99
74) Anthracene	17.304	178	2663227	22.513 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	676661	22.246 ng/uL	99
76) Pentachlorobenzene	14.704	250	699079	21.327 ng/uL	98
77) Carbazole	17.580	167	2379991	22.964 ng/ul	100
78) Di-n-butylphthalate	18.168	149	2588091	20.176 ng/ul	100
80) Fluoranthene	19.286	202	2850140	21.911 ng/ul	100
82) Pyrene	19.668	202	3156905	23.208 ng/ul	100
83) Butylbenzylphthalate	20.615	149	1134894	19.374 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.509	252	783286	17.178 ng/ul	99
85) Benzo(a)anthracene	21.586	228	3005160	21.684 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1615606	18.903 ng/ul	98
87) Chrysene	21.657	228	2835329	22.203 ng/ul	99
89) Di-n-octyl phthalate	22.815	149	2462494	20.114 ng/ul	100
90) Benzo(b)fluoranthene	23.903	252	2752160	22.209 ng/ul	100
91) Benzo(k)fluoranthene	23.968	252	2898974	23.335 ng/ul	100
93) Benzo(a)pyrene	24.803	252	2549143	22.027 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.768	276	2897725m	19.317 ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	2284332	18.773 ng/ul	99
96) Benzo(g,h,i)perylene	29.933	276	2203654	19.179 ng/ul	99

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

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