

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022240.D
 Acq On : 04 Oct 2024 23:12
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020789

Quant Time: Oct 05 00:09:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 05:25:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	144711	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	557420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	418928	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	998380	20.000	ng/u1	0.01
79) Chrysene-d12	21.516	240	1046190	20.000	ng/u1	-0.02
88) Perylene-d12	24.798	264	1177452	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	24137	6.533	ng/uL	0.00
4) Pyridine-d5	3.628	84	179540	17.001	ng/u1	0.00
7) Phenol-d5	6.875	99	218384	18.449	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	132721	18.208	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	171781	20.057	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	179042	19.088	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	85099	20.397	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	98729	20.871	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	206442	20.095	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	231470	18.884	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	632797	19.541	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	687645	20.056	ng/u1	0.01
54) 4-Nitrophenol-d4	14.528	143	96001	17.331	ng/u1	0.01
60) Fluorene-d10	15.322	176	548253	19.139	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.434	200	105266	16.983	ng/u1	0.00
73) Anthracene-d10	17.204	188	895970	19.223	ng/u1	0.00
81) Pyrene-d10	19.575	212	1076903	19.869	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	1177257	19.010	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	26837	6.706	ng/uL	98
5) Pyridine	3.646	79	184976	17.241	ng/u1	98
6) Benzaldehyde	6.846	77	108010	16.130	ng/u1	98
8) Phenol	6.899	94	223951	18.129	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	179764	19.012	ng/u1	98
12) 2-Chlorophenol	7.263	128	171074	19.268	ng/u1	99
13) 2-Methylphenol	8.128	108	166184	18.549	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.216	45	165282	18.844	ng/u1	98
16) Acetophenone	8.499	105	289271	18.540	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	151941	18.784	ng/u1	98
18) 4-Methylphenol	8.452	108	181712	18.598	ng/u1	95
19) Hexachloroethane	8.752	117	76580	18.271	ng/u1	97
22) Nitrobenzene	8.869	77	235043	18.427	ng/u1	98
23) Isophorone	9.393	82	420260	19.021	ng/u1	98
25) 2-Nitrophenol	9.575	139	102453	20.242	ng/u1	95
26) 2,4-Dimethylphenol	9.640	107	213985	18.662	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	239412	18.798	ng/u1	98
29) 2,4-Dichlorophenol	10.105	162	200275	19.622	ng/u1	97
30) Naphthalene	10.499	128	562592	19.181	ng/u1	99
32) 4-Chloroaniline	10.610	127	224169	18.466	ng/u1	97
33) Hexachlorobutadiene	10.781	225	164623	18.167	ng/u1	97
34) Caprolactam	11.387	113	53585	17.307	ng/u1	92
35) 4-Chloro-3-methylphenol	11.740	107	209353	18.960	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	410370	18.827	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	425961	19.377	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	309422	19.922	ng/ul#	96
40) Hexachlorocyclopentadiene	12.463	237	211909	21.690	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	190543	20.521	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	204139	20.303	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	591168	19.733	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	487878	20.227	ng/ul	98
45) 2-Nitroaniline	13.375	65	133599	19.155	ng/ul	92
47) Dimethylphthalate	13.757	163	633958	19.491	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	127945	20.519	ng/ul	95
50) Acenaphthylene	14.022	152	737468	20.626	ng/ul	99
51) 3-Nitroaniline	14.216	138	98589	17.366	ng/ul	90
52) Acenaphthene	14.369	153	495861	19.087	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	76185	17.957	ng/ul	98
55) 4-Nitrophenol	14.540	109	101391	16.179	ng/ul	98
56) Dibenzofuran	14.710	168	751396	19.454	ng/ul	97
57) 2,4-Dinitrotoluene	14.675	165	186167	19.374	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.951	232	195157	20.164	ng/ul	97
59) Diethylphthalate	15.140	149	614116	19.078	ng/ul	98
61) Fluorene	15.369	166	607191	18.903	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	356176	19.260	ng/ul	99
63) 4-Nitroaniline	15.387	138	95760	16.574	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.445	198	109204	16.183	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	517436	19.678	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	244888	20.425	ng/ul	95
69) Hexachlorobenzene	16.398	284	307650	21.133	ng/ul	94
70) Atrazine	16.563	200	191483	16.324	ng/ul	100
71) Pentachlorophenol	16.745	266	233748	24.066	ng/ul	99
72) Phenanthrene	17.145	178	1011831	19.329	ng/ul	99
74) Anthracene	17.234	178	1037555	19.477	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	298327	19.913	ng/uL	98
76) Pentachlorobenzene	14.628	250	331740	20.135	ng/uL	99
77) Carbazole	17.516	167	871291	18.558	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1030876	19.045	ng/ul	99
80) Fluoranthene	19.228	202	1275585	20.590	ng/ul	100
82) Pyrene	19.604	202	1317971	19.765	ng/ul	98
83) Butylbenzylphthalate	20.551	149	470355	20.239	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.422	252	418750	17.482	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1382264	19.172	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	686261	20.127	ng/ul	100
87) Chrysene	21.563	228	1265250	18.699	ng/ul	99
89) Di-n-octyl phthalate	22.686	149	1138779	19.578	ng/ul	100
90) Benzo(b)fluoranthene	23.763	252	1439877	19.699	ng/ul	99
91) Benzo(k)fluoranthene	23.827	252	1416541	19.445	ng/ul	99
93) Benzo(a)pyrene	24.651	252	1320385	19.605	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.515	276	1648304m	18.770	ng/ul	
95) Dibenzo(a,h)anthracene	28.580	278	1350837	19.095	ng/ul#	97
96) Benzo(g,h,i)perylene	29.656	276	1306653m	19.176	ng/ul	

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

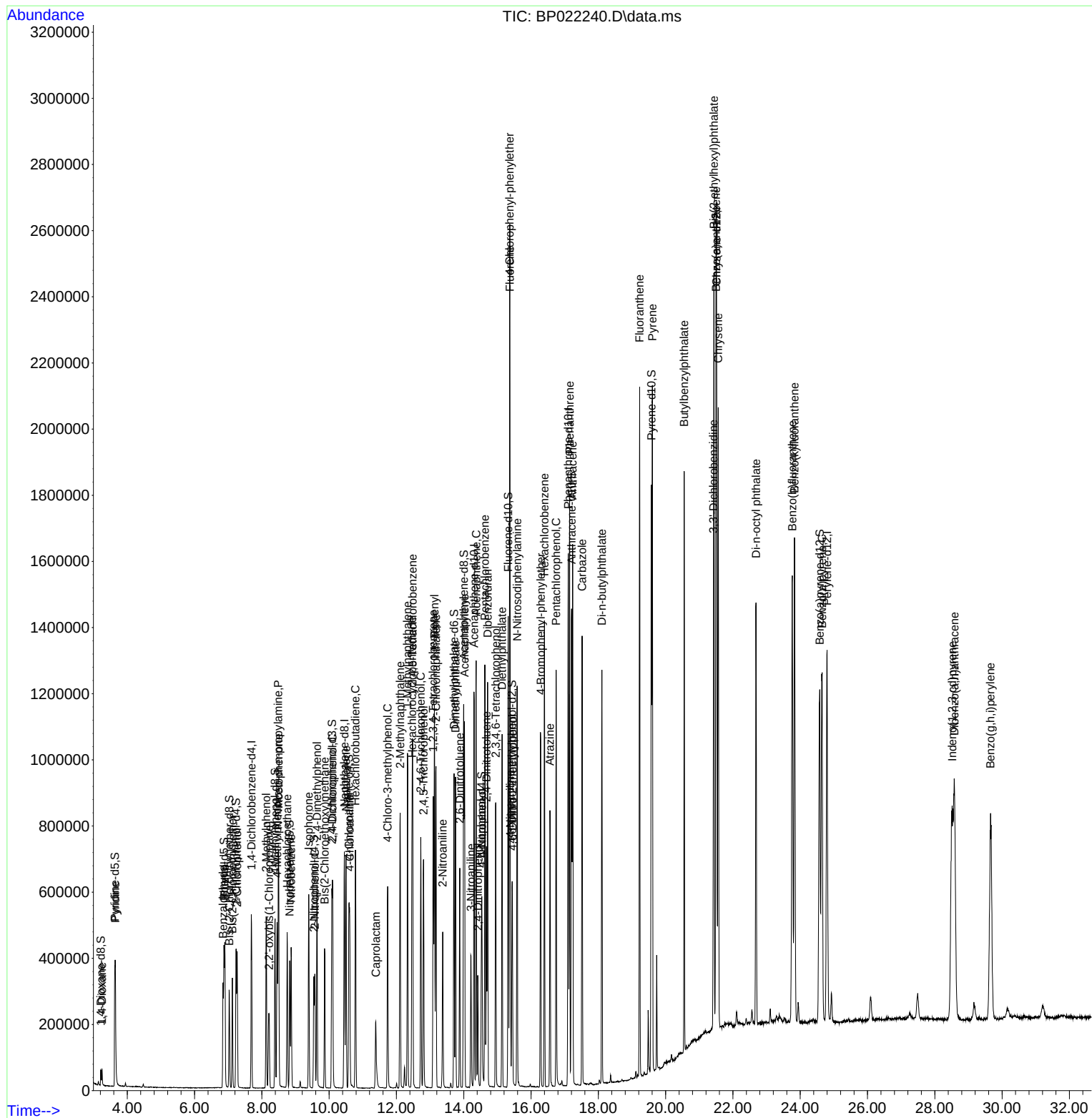
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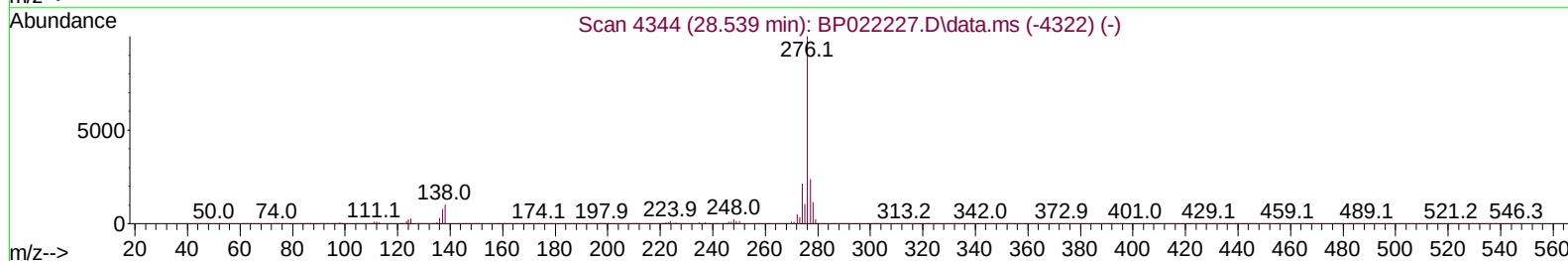
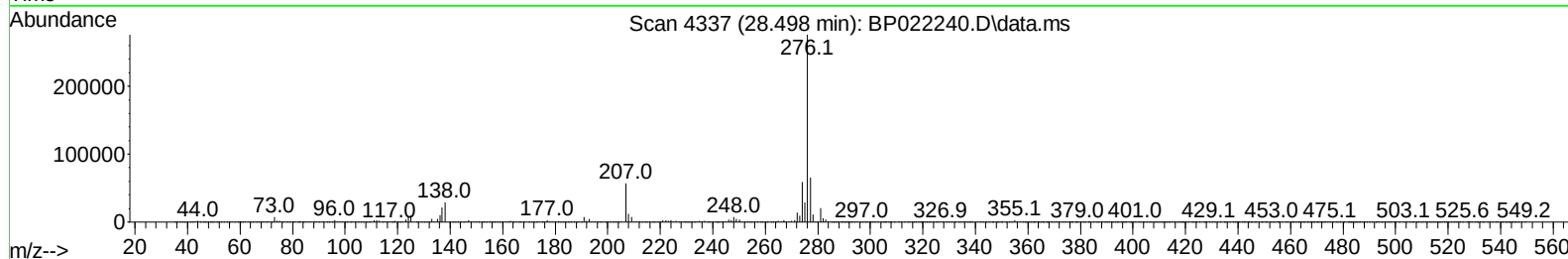
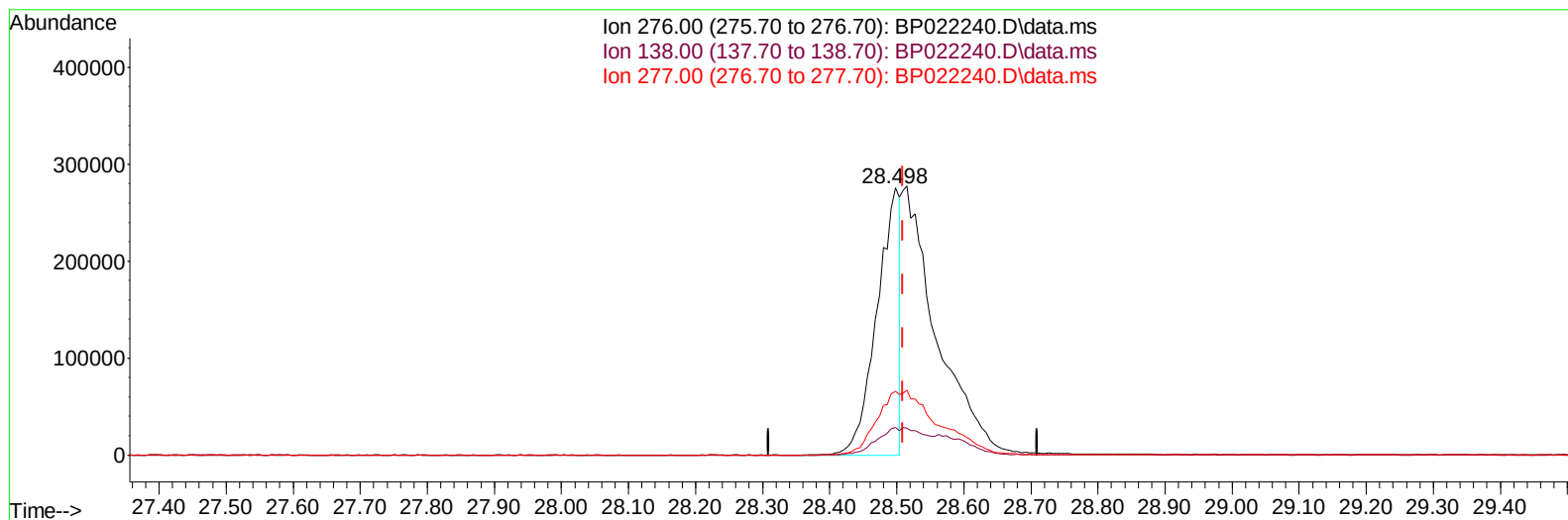
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TIC: BP022240.D\data.ms

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

28.498min (-0.012) 7.46 ng/uL

response 654908

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.45
277.00	24.20	23.77
0.00	0.00	0.00

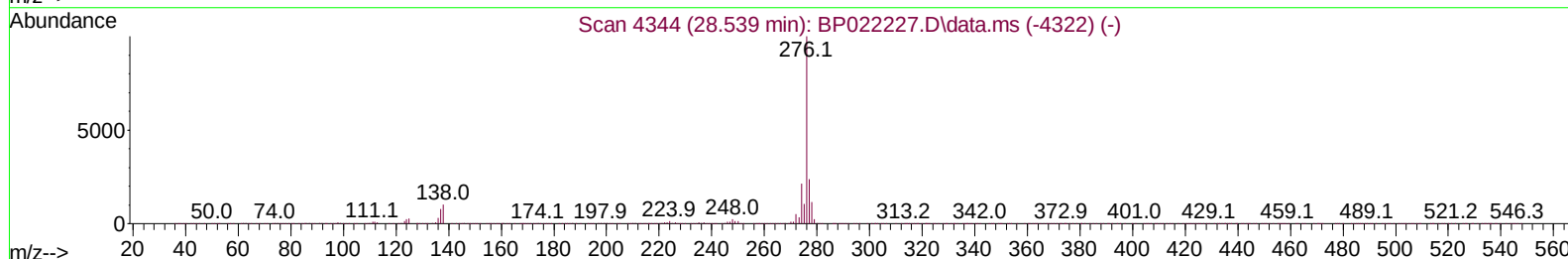
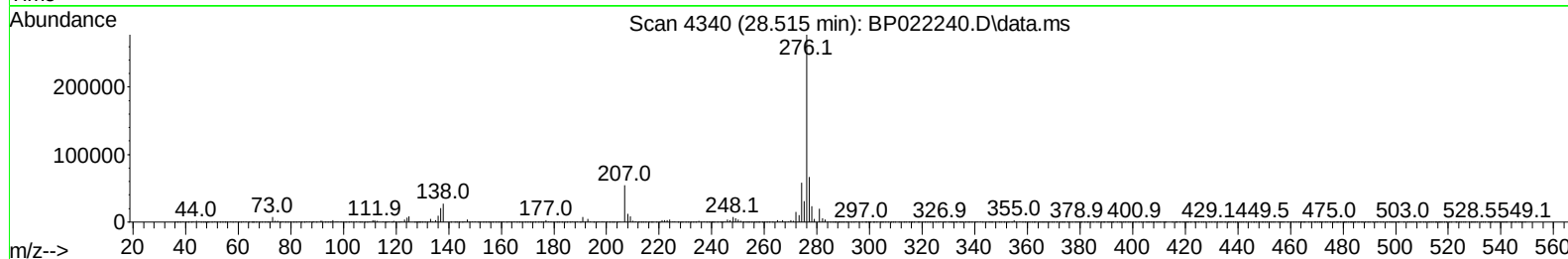
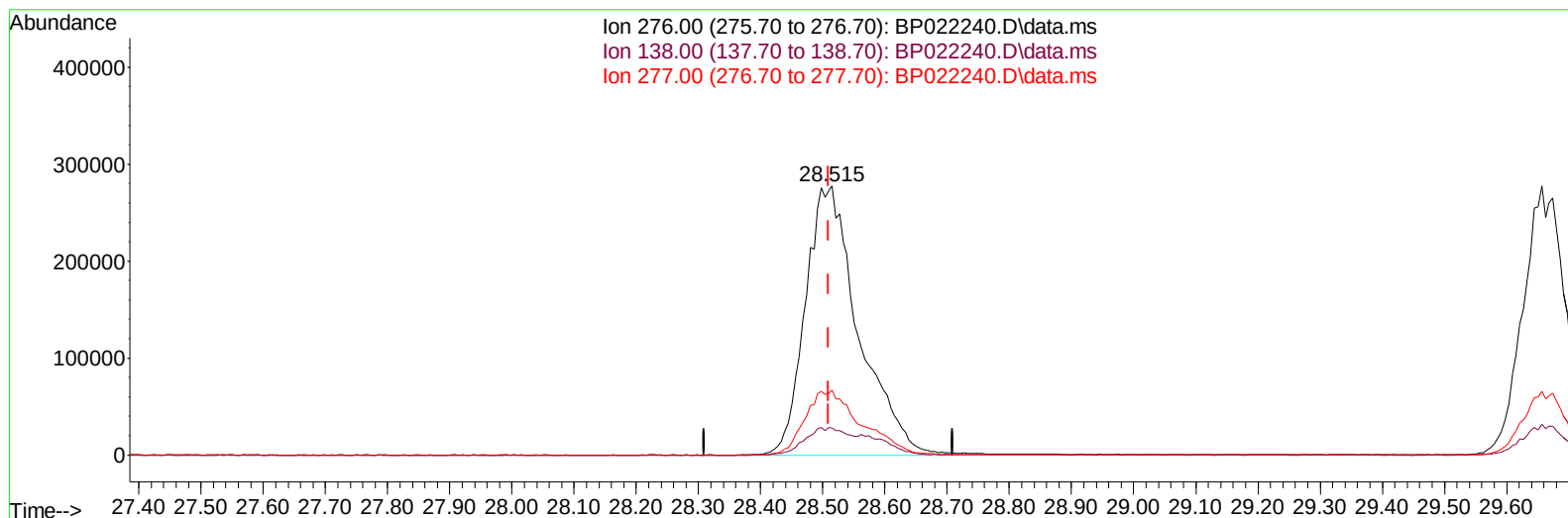
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TIC: BP022240.D\data.ms

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

28.515min (+ 0.006) 18.77 ng/ul m

response 1648304

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	9.93
277.00	24.20	24.08
0.00	0.00	0.00

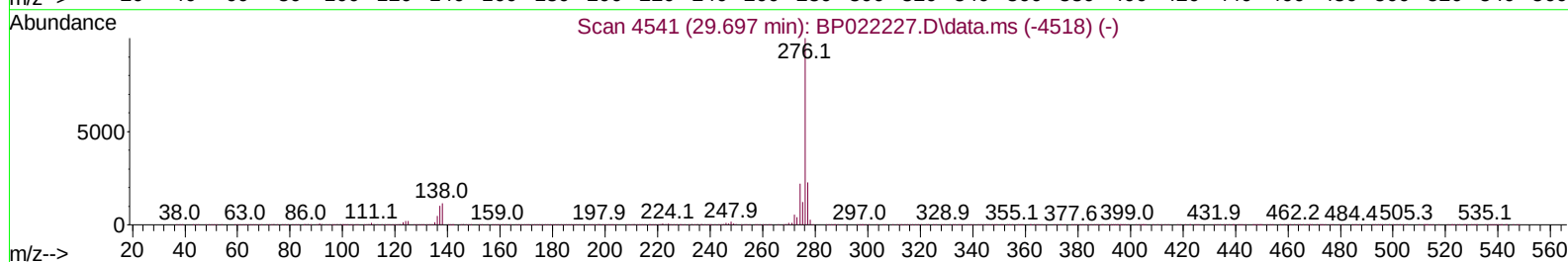
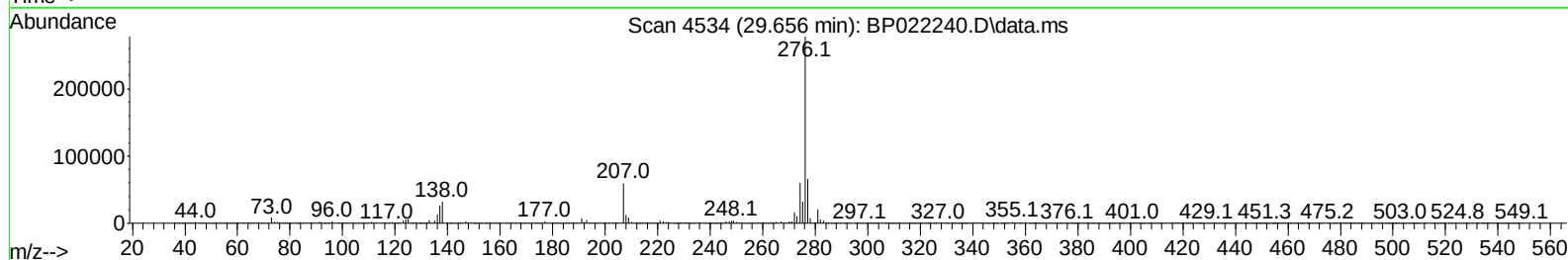
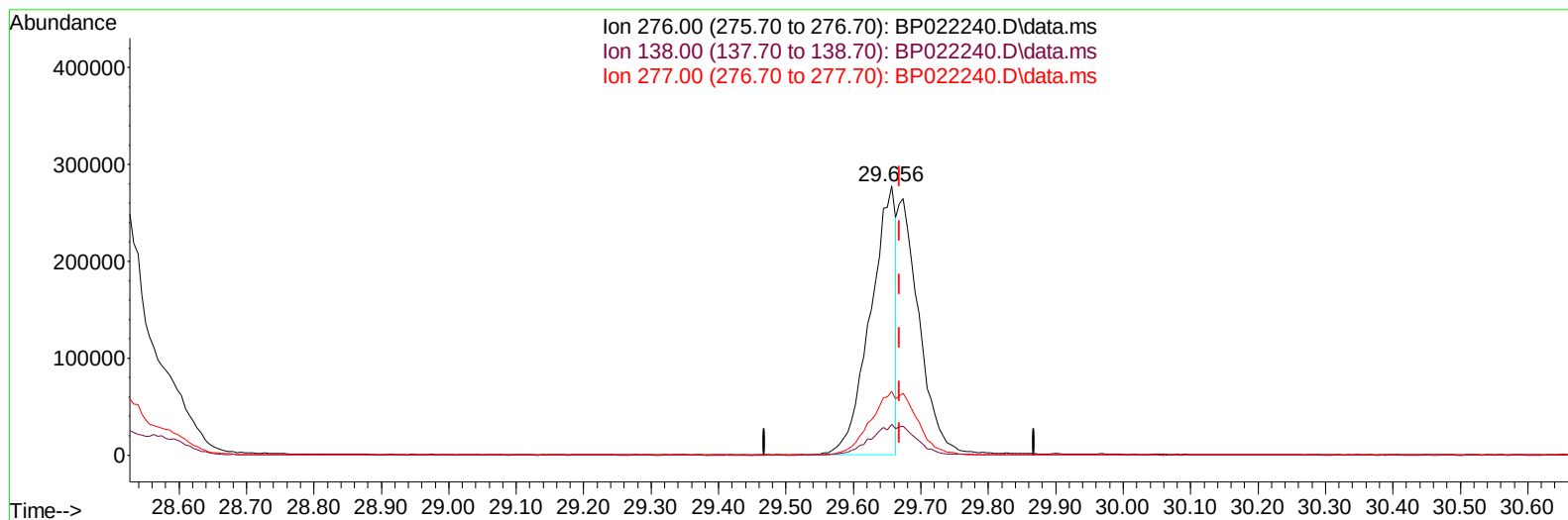
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TIC: BP022240.D\data.ms

(96) Benzo(g,h,i)perylene

29.656min (-0.012) 10.63 ng/u1

response 724263

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.57
277.00	23.90	23.66
0.00	0.00	0.00

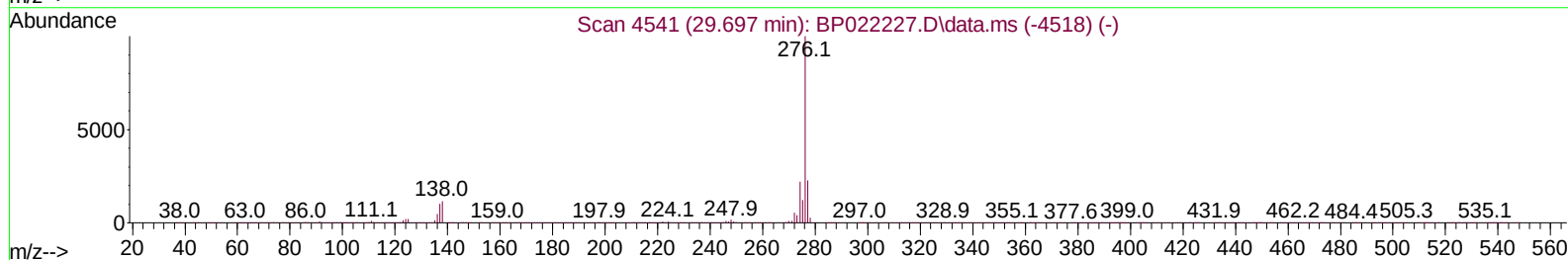
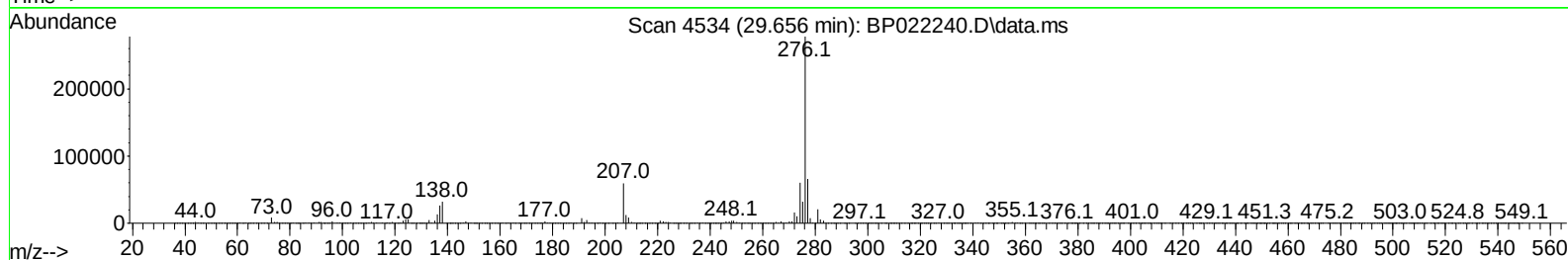
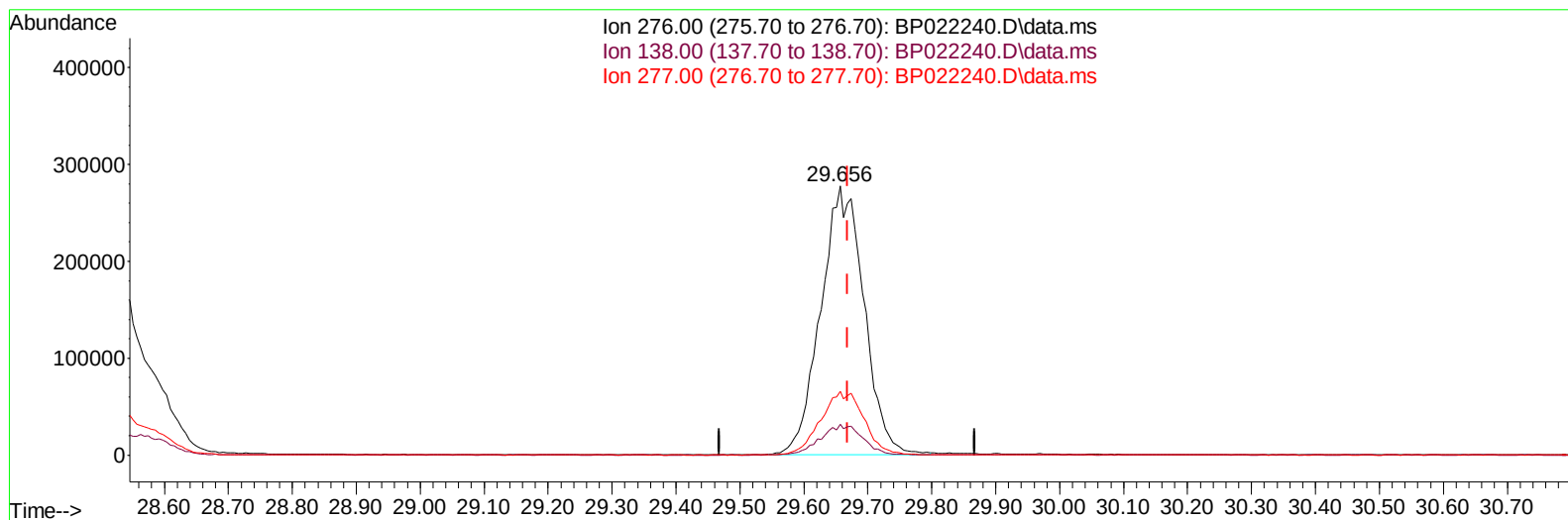
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(96) Benzo(g,h,i)perylene

29.656min (-0.012) 19.18 ng/ul m

response 1306653

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.57
277.00	23.90	23.66
0.00	0.00	0.00

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32) 4-Chloroaniline	10.610	127	224169	18.466	ng/ul	97
33) Hexachlorobutadiene	10.781	225	164623	18.167	ng/ul	97
34) Caprolactam	11.387	113	53585	17.307	ng/ul	92
35) 4-Chloro-3-methylphenol	11.740	107	209353	18.960	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022240.D
 Acq On : 04 Oct 2024 23:12
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020789

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/06/2024

Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 00:09:27 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Oct 04 05:25:28 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	410370	18.827	ng/ul	99
37) 1-Methylnaphthalene	12.328	142	425961	19.377	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	309422	19.922	ng/ul#	96
40) Hexachlorocyclopentadiene	12.463	237	211909	21.690	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	190543	20.521	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	204139	20.303	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	591168	19.733	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	487878	20.227	ng/ul	98
45) 2-Nitroaniline	13.375	65	133599	19.155	ng/ul	92
47) Dimethylphthalate	13.757	163	633958	19.491	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	127945	20.519	ng/ul	95
50) Acenaphthylene	14.022	152	737468	20.626	ng/ul	99
51) 3-Nitroaniline	14.216	138	98589	17.366	ng/ul	90
52) Acenaphthene	14.369	153	495861	19.087	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	76185	17.957	ng/ul	98
55) 4-Nitrophenol	14.540	109	101391	16.179	ng/ul	98
56) Dibenzofuran	14.710	168	751396	19.454	ng/ul	97
57) 2,4-Dinitrotoluene	14.675	165	186167	19.374	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.951	232	195157	20.164	ng/ul	97
59) Diethylphthalate	15.140	149	614116	19.078	ng/ul	98
61) Fluorene	15.369	166	607191	18.903	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	356176	19.260	ng/ul	99
63) 4-Nitroaniline	15.387	138	95760	16.574	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.445	198	109204	16.183	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	517436	19.678	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	244888	20.425	ng/ul	95
69) Hexachlorobenzene	16.398	284	307650	21.133	ng/ul	94
70) Atrazine	16.563	200	191483	16.324	ng/ul	100
71) Pentachlorophenol	16.745	266	233748	24.066	ng/ul	99
72) Phenanthrene	17.145	178	1011831	19.329	ng/ul	99
74) Anthracene	17.234	178	1037555	19.477	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	298327	19.913	ng/uL	98
76) Pentachlorobenzene	14.628	250	331740	20.135	ng/uL	99
77) Carbazole	17.516	167	871291	18.558	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1030876	19.045	ng/ul	99
80) Fluoranthene	19.228	202	1275585	20.590	ng/ul	100
82) Pyrene	19.604	202	1317971	19.765	ng/ul	98
83) Butylbenzylphthalate	20.551	149	470355	20.239	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.422	252	418750	17.482	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1382264	19.172	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	686261	20.127	ng/ul	100
87) Chrysene	21.563	228	1265250	18.699	ng/ul	99
89) Di-n-octyl phthalate	22.686	149	1138779	19.578	ng/ul	100
90) Benzo(b)fluoranthene	23.763	252	1439877	19.699	ng/ul	99
91) Benzo(k)fluoranthene	23.827	252	1416541	19.445	ng/ul	99
93) Benzo(a)pyrene	24.651	252	1320385	19.605	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.515	276	1648304m	18.770	ng/ul	
95) Dibenzo(a,h)anthracene	28.580	278	1350837	19.095	ng/ul#	97
96) Benzo(g,h,i)perylene	29.656	276	1306653m	19.176	ng/ul	

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

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Manual Integrations

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